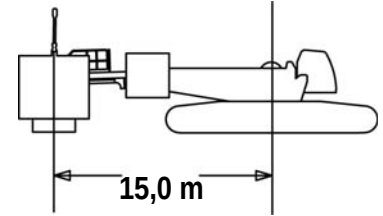


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
62 530 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



## 16000 MAX-ER

**LIFTING CAPACITIES:** Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4,0 degree tipping angle. Capacities based on structural competence are denoted by an asterisk (\*).

**Luffing Jib Backward Stability:** Capacities indicated by (b) require 4 310 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 7 260 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 12 250 kg minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b), (c), or (d) without required minimum weights.** Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause luffing hoist to go slack causing wire rope damage or failure.

**HANGING COUNTERWEIGHT:** Hanging counterweight must be attached to machine and MAX-ER mode must be selected to operate. Minimum luffing jib capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging and traveling. Exit MAX-ER mode before operating without hanging counterweight.

Upper luffing jib point capacity for liftcrane service with single part whip line is 13 610 kg or 27 220 kg with two part whip line. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and luffing jib point sheaves is considered part of luffing jib load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

**OPERATING CONDITIONS:** Machine to operate on a firm uniformly supporting surface with mast up and bearing turntable level within a tolerance of 13 mm in 3 m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart.

Refer to luffing jib assembly **No. A13416**, Wire Rope Specification chart **No. 8771-A**, Counterweight Arrangement chart **No. 8682-A**, and Luffing Jib Raising Procedure chart **No. 8774-B**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

**WIND CONDITIONS:** Machine may operate with full working load in wind speeds up to the maximum wind speed value provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind speed to be measured at luffing jib point elevation. Refer to Wind Conditions Chart **No. 8688-A** for effect of wind on lifted load, additional maximum wind speeds when lifting percentage of full working load, and instructions for parking when wind speed exceeds maximum operating wind speed.

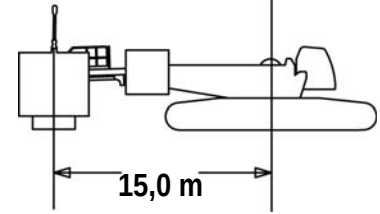
**MACHINE TRAVEL:** Machine to travel on a firm, level (not to exceed 13 mm in 3 m) and uniformly supporting surface. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0,4 m/s. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8775-B**.

**MAX PERMISSIBLE SLEWING SPEED:** Slewing operation with working load shall not exceed 0,4 m/s as measured at the operating radius. The amount of time to brake or start slewing a working load shall not be less than 2,5 seconds.

**OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 62 530 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

**BOOM ANGLE:** Boom angle in degrees ( $^{\circ}$ ) is angle between horizontal and centerline of boom butt and inserts.

**LUFFING JIB ANGLE:** Luffing jib angle in degrees ( $^{\circ}$ ) is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

**LUFFING JIB POINT ELEVATION:** Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

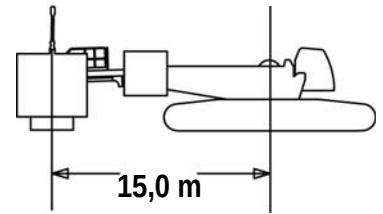
**MACHINE EQUIPMENT:** Machine equipped with MAX-ER, 10 363 mm crawlers, 1 524 mm treads, 9 754 mm live mast, 30,0 m mast, 12 part boom hoist reeving, boom support straps, 17 part luffing jib hoist reeving, luffing jib and backstay support straps, 150 590 kg crane counterweight, two 13 610 kg and four 6 800 kg carbody counterweights, and hanging counterweight as specified.

**WARNING:** Check amount of crane counterweight and hanging counterweight on machine before use of this chart. Refer to Operator's Manual for counterweight identification.

| Boom and/or Jib Catwalks Deduct                                           |
|---------------------------------------------------------------------------|
| Deduct 550 kg from capacities when boom and/or jib catwalks are attached. |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
142 360 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



**16000 MAX-ER**

REFERENCE ONLY!

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# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

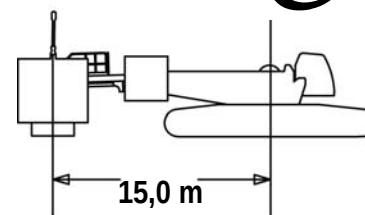
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

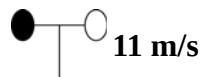
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 13,7                           | 71,6                    | 67,5                            | 147 200                                                                   | 185 400*c                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,7                           |
| 14,0                           | 70,9                    | 67,4                            | 143 900                                                                   | 181 700*c                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,0                           |
| 16,0                           | 65,7                    | 66,5                            | 121 500                                                                   | 156 700*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,0                           |
| 18,0                           | 60,2                    | 65,4                            | 105 100                                                                   | 137 600*b                               | 66,2                    | 66,3                            | 100 600                                                                   | 177 100*b                               |                         |                                 |                                                                           |                                         | 18,0                           |
| 20,0                           | 54,4                    | 64,0                            | 92 400                                                                    | 123 400*                                | 60,8                    | 65,3                            | 88 300                                                                    | 159 300*b                               | 66,7                    | 66,1                            | 84 200                                                                    | 166 000b                                | 20,0                           |
| 22,0                           | 48,1                    | 62,3                            | 82 200                                                                    | 112 300*                                | 55,0                    | 63,9                            | 78 500                                                                    | 140 700*                                | 61,3                    | 65,0                            | 74 800                                                                    | 150 400*b                               | 22,0                           |
| 24,0                           | 41,1                    | 60,2                            | 73 800                                                                    | 103 800*                                | 48,8                    | 62,2                            | 70 500                                                                    | 126 900*                                | 55,6                    | 63,7                            | 67 200                                                                    | 136 900*                                | 24,0                           |
| 26,0                           | 32,8                    | 57,3                            | 66 700                                                                    | 97 400*                                 | 41,9                    | 60,1                            | 63 800                                                                    | 116 200*                                | 49,4                    | 62,0                            | 60 800                                                                    | 125 600*                                | 26,0                           |
| 28,0                           | 21,6                    | 53,1                            | 60 600                                                                    | 89 800*                                 | 33,7                    | 57,4                            | 58 100                                                                    | 107 900*                                | 42,6                    | 60,0                            | 55 400                                                                    | 115 900*                                | 28,0                           |
| 30,0                           |                         |                                 |                                                                           |                                         | 23,0                    | 53,4                            | 53 100                                                                    | 97 000*                                 | 34,6                    | 57,3                            | 50 600                                                                    | 107 500*                                | 30,0                           |
| 32,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,3                    | 53,5                            | 46 500                                                                    | 99 800*                                 | 32,0                           |
| 34,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

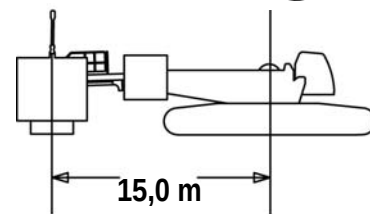
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

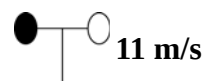
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 13,7                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 13,7                           |
| 14,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,0                           |
| 16,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,0                           |
| 18,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           | 60,2                    | 63,9                     | 55 700                                                                    | 122 000*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           | 54,4                    | 62,5                     | 50 700                                                                    | 112 600*                                |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           | 48,1                    | 60,8                     | 46 400                                                                    | 104 400*                                |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 41,1                    | 58,6                     | 42 700                                                                    | 97 100                                  | 52,9                    | 60,9                     | 38 800                                                                    | 93 600                                  |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 32,8                    | 55,8                     | 39 400                                                                    | 90 100                                  | 46,5                    | 59,1                     | 35 800                                                                    | 86 800                                  |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 21,6                    | 51,5                     | 36 300                                                                    | 83 900                                  | 39,2                    | 56,8                     | 33 100                                                                    | 81 000                                  |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         | 30,4                    | 53,7                     | 30 600                                                                    | 75 700                                  | 44,4                    | 57,0                     | 27 500                                                                    | 73 000                                  | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,7                    | 54,5                     | 25 600                                                                    | 68 500                                  | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 27,2                    | 51,0                     | 23 700                                                                    | 64 400                                  | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 11,1                    | 44,6                     | 21 900                                                                    | 60 600                                  | 44,0                           |

# Liftcrane Luffing Jib Capacities

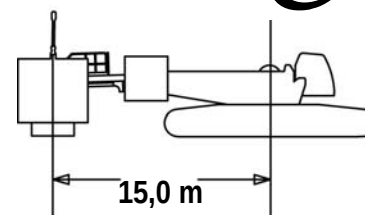
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

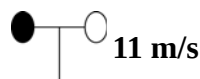
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 15,2                           | 72,4                    | 73,3                     | 129 300                                                                   | 164 200*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,2                           |
| 16,0                           | 70,8                    | 73,0                     | 122 100                                                                   | 157 200*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,0                           |
| 18,0                           | 66,7                    | 72,2                     | 105 200                                                                   | 138 500*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           | 62,4                    | 71,2                     | 92 400                                                                    | 122 900*                                | 67,1                    | 72,0                     | 88 100                                                                    | 156 100*b                               |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           | 57,9                    | 70,0                     | 82 200                                                                    | 110 900*                                | 62,8                    | 71,0                     | 78 300                                                                    | 146 700*                                |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           | 53,2                    | 68,5                     | 73 800                                                                    | 101 500*                                | 58,4                    | 69,8                     | 70 400                                                                    | 129 100*                                | 63,3                    | 70,8                     | 66 900                                                                    | 135 600                                 | 24,0                           |
| 26,0                           | 48,1                    | 66,8                     | 66 900                                                                    | 93 800*                                 | 53,7                    | 68,4                     | 63 700                                                                    | 116 800*                                | 58,8                    | 69,6                     | 60 500                                                                    | 125 200*                                | 26,0                           |
| 28,0                           | 42,6                    | 64,7                     | 60 900                                                                    | 87 700*                                 | 48,7                    | 66,7                     | 58 000                                                                    | 107 000*                                | 54,2                    | 68,2                     | 55 100                                                                    | 115 500*                                | 28,0                           |
| 30,0                           | 36,4                    | 62,2                     | 55 800                                                                    | 82 800*                                 | 43,2                    | 64,7                     | 53 200                                                                    | 99 200*                                 | 49,2                    | 66,5                     | 50 500                                                                    | 107 200*                                | 30,0                           |
| 32,0                           | 29,1                    | 58,8                     | 51 400                                                                    | 79 200*                                 | 37,1                    | 62,2                     | 48 900                                                                    | 91 800*                                 | 43,8                    | 64,5                     | 46 500                                                                    | 99 900*                                 | 32,0                           |
| 34,0                           | 19,1                    | 54,0                     | 47 300                                                                    | 71 900*                                 | 29,9                    | 59,0                     | 45 200                                                                    | 83 700*                                 | 37,7                    | 62,1                     | 42 900                                                                    | 92 900                                  | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         | 20,4                    | 54,4                     | 41 800                                                                    | 74 700*                                 | 30,7                    | 59,0                     | 39 800                                                                    | 84 600*                                 | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 21,5                    | 54,6                     | 36 900                                                                    | 77 400*                                 | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |

# Liftcrane Luffing Jib Capacities

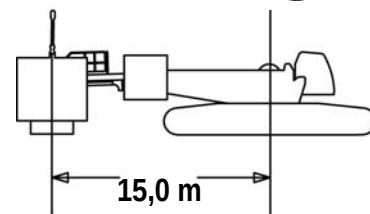
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

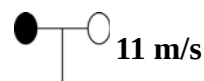
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 15,2                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,2                           |
| 16,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,0                           |
| 18,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           | 57,9                    | 68,4                     | 46 100                                                                    | 104 000*                                |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 53,2                    | 67,0                     | 42 400                                                                    | 96 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 48,1                    | 65,3                     | 39 100                                                                    | 89 700                                  | 56,8                    | 66,9                     | 35 300                                                                    | 86 400                                  |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 42,6                    | 63,2                     | 36 200                                                                    | 83 700                                  | 52,0                    | 65,4                     | 32 600                                                                    | 80 500                                  |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 36,4                    | 60,6                     | 33 600                                                                    | 78 300                                  | 46,8                    | 63,6                     | 30 300                                                                    | 75 400                                  |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 29,1                    | 57,3                     | 31 300                                                                    | 73 500                                  | 41,2                    | 61,4                     | 28 200                                                                    | 70 700                                  | 50,5                    | 63,4                     | 25 100                                                                    | 68 000                                  | 40,0                           |
| 42,0                           | 19,1                    | 52,5                     | 29 100                                                                    | 69 100                                  | 34,8                    | 58,7                     | 26 300                                                                    | 66 600                                  | 45,2                    | 61,5                     | 23 400                                                                    | 64 000                                  | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         | 27,0                    | 55,2                     | 24 500                                                                    | 62 800                                  | 39,3                    | 59,2                     | 21 800                                                                    | 60 400                                  | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,6                    | 56,3                     | 20 300                                                                    | 57 100                                  | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,1                    | 52,3                     | 18 900                                                                    | 54 100                                  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 9,7                     | 45,0                     | 17 400                                                                    | 51 200                                  | 50,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

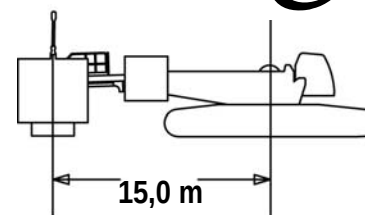
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

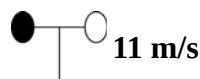
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 16,8                           | 72,8                    | 79,1                            | 114 700                                                                   | 145 600*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,8                           |
| 18,0                           | 70,8                    | 78,7                            | 105 200                                                                   | 139 700*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,0                           |
| 20,0                           | 67,3                    | 77,9                            | 92 100                                                                    | 124 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           | 63,8                    | 76,9                            | 81 900                                                                    | 111 300*                                | 67,7                    | 77,7                            | 78 000                                                                    | 138 100*                                |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 60,1                    | 75,8                            | 73 500                                                                    | 101 200*                                | 64,2                    | 76,8                            | 69 800                                                                    | 132 700*                                |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 56,3                    | 74,5                            | 66 500                                                                    | 93 000*                                 | 60,5                    | 75,7                            | 63 200                                                                    | 120 200*                                | 64,5                    | 76,5                            | 59 900                                                                    | 122 100                                 | 26,0                           |
| 28,0                           | 52,4                    | 73,0                            | 60 600                                                                    | 86 200*                                 | 56,8                    | 74,4                            | 57 500                                                                    | 108 900*                                | 60,9                    | 75,4                            | 54 500                                                                    | 113 600                                 | 28,0                           |
| 30,0                           | 48,2                    | 71,3                            | 55 500                                                                    | 80 600*                                 | 52,8                    | 72,9                            | 52 700                                                                    | 99 900*                                 | 57,1                    | 74,1                            | 49 900                                                                    | 106 100                                 | 30,0                           |
| 32,0                           | 43,6                    | 69,2                            | 51 100                                                                    | 75 900*                                 | 48,6                    | 71,2                            | 48 500                                                                    | 92 800*                                 | 53,2                    | 72,7                            | 45 900                                                                    | 99 300                                  | 32,0                           |
| 34,0                           | 38,7                    | 66,8                            | 47 200                                                                    | 72 200*                                 | 44,1                    | 69,2                            | 44 800                                                                    | 84 800*                                 | 49,0                    | 71,0                            | 42 400                                                                    | 92 700                                  | 34,0                           |
| 36,0                           | 33,0                    | 63,9                            | 43 800                                                                    | 69 100*                                 | 39,2                    | 66,8                            | 41 600                                                                    | 77 900*                                 | 44,6                    | 69,0                            | 39 300                                                                    | 85 800                                  | 36,0                           |
| 38,0                           | 26,4                    | 60,2                            | 40 700                                                                    | 65 800*                                 | 33,7                    | 64,0                            | 38 600                                                                    | 71 900*                                 | 39,7                    | 66,7                            | 36 500                                                                    | 78 700*                                 | 38,0                           |
| 40,0                           | 17,3                    | 54,9                            | 37 900                                                                    | 56 900*                                 | 27,1                    | 60,4                            | 36 000                                                                    | 66 500*                                 | 34,2                    | 63,9                            | 34 100                                                                    | 72 600*                                 | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         | 18,5                    | 55,3                            | 33 500                                                                    | 59 900*                                 | 27,8                    | 60,4                            | 31 700                                                                    | 67 100*                                 | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,5                    | 55,6                            | 29 600                                                                    | 62 000*                                 | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |

# Liftcrane Luffing Jib Capacities

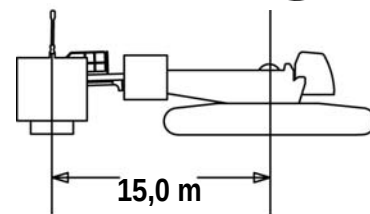
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

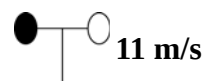
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 16,8                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,8                           |
| 18,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 60,1                    | 74,3                            | 41 600                                                                    | 95 500                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 56,3                    | 73,0                            | 38 400                                                                    | 89 100                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 52,4                    | 71,5                            | 35 500                                                                    | 83 000                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 48,1                    | 69,7                            | 33 000                                                                    | 77 700                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 43,6                    | 67,7                            | 30 700                                                                    | 72 900                                  | 51,4                    | 69,9                            | 27 400                                                                    | 70 000                                  |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 38,7                    | 65,3                            | 28 700                                                                    | 68 600                                  | 47,1                    | 68,1                            | 25 500                                                                    | 65 900                                  |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 33,0                    | 62,4                            | 26 800                                                                    | 64 800                                  | 42,4                    | 66,0                            | 23 800                                                                    | 62 200                                  | 50,1                    | 67,9                            | 20 900                                                                    | 59 600                                  | 44,0                           |
| 46,0                           | 26,4                    | 58,7                            | 25 000                                                                    | 61 300                                  | 37,3                    | 63,5                            | 22 300                                                                    | 58 800                                  | 45,7                    | 66,0                            | 19 500                                                                    | 56 400                                  | 46,0                           |
| 48,0                           | 17,3                    | 53,4                            | 23 400                                                                    | 58 000                                  | 31,5                    | 60,4                            | 20 800                                                                    | 55 700                                  | 41,0                    | 63,8                            | 18 200                                                                    | 53 400                                  | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 24,5                    | 56,4                            | 19 500                                                                    | 52 900                                  | 35,7                    | 61,1                            | 17 000                                                                    | 50 700                                  | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,6                    | 57,8                            | 15 900                                                                    | 48 200                                  | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,9                    | 53,4                            | 14 800                                                                    | 45 900                                  | 54,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

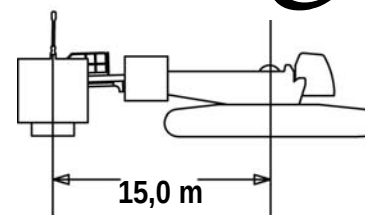
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

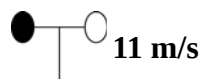
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 18,3                           | 73,2                    | 84,9                            | 102 800                                                                   | 129 500*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,3                           |
| 20,0                           | 70,7                    | 84,3                            | 91 900                                                                    | 125 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           | 67,8                    | 83,6                            | 81 600                                                                    | 113 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 64,8                    | 82,6                            | 73 200                                                                    | 102 200*                                | 68,1                    | 83,4                            | 69 500                                                                    | 122 700*                                |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 61,7                    | 81,6                            | 66 200                                                                    | 93 400*                                 | 65,1                    | 82,5                            | 62 800                                                                    | 118 700*                                |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 58,5                    | 80,4                            | 60 300                                                                    | 86 100*                                 | 62,0                    | 81,4                            | 57 100                                                                    | 113 600*                                | 65,4                    | 82,2                            | 54 000                                                                    | 111 000                                 | 28,0                           |
| 30,0                           | 55,2                    | 79,0                            | 55 200                                                                    | 80 000*                                 | 58,9                    | 80,2                            | 52 300                                                                    | 102 800*                                | 62,3                    | 81,2                            | 49 400                                                                    | 103 700                                 | 30,0                           |
| 32,0                           | 51,8                    | 77,5                            | 50 800                                                                    | 74 900*                                 | 55,6                    | 78,9                            | 48 100                                                                    | 93 300*                                 | 59,2                    | 80,0                            | 45 400                                                                    | 97 300                                  | 32,0                           |
| 34,0                           | 48,2                    | 75,7                            | 46 900                                                                    | 70 700*                                 | 52,1                    | 77,4                            | 44 400                                                                    | 85 300*                                 | 55,9                    | 78,7                            | 41 900                                                                    | 91 500                                  | 34,0                           |
| 36,0                           | 44,3                    | 73,7                            | 43 600                                                                    | 67 000*                                 | 48,5                    | 75,7                            | 41 200                                                                    | 78 300*                                 | 52,5                    | 77,2                            | 38 800                                                                    | 85 700                                  | 36,0                           |
| 38,0                           | 40,2                    | 71,4                            | 40 500                                                                    | 64 000*                                 | 44,7                    | 73,7                            | 38 300                                                                    | 72 300*                                 | 48,9                    | 75,5                            | 36 100                                                                    | 78 900*                                 | 38,0                           |
| 40,0                           | 35,6                    | 68,8                            | 37 800                                                                    | 61 100*                                 | 40,6                    | 71,4                            | 35 700                                                                    | 67 000*                                 | 45,1                    | 73,5                            | 33 600                                                                    | 72 800*                                 | 40,0                           |
| 42,0                           | 30,5                    | 65,6                            | 35 300                                                                    | 56 700*                                 | 36,1                    | 68,8                            | 33 400                                                                    | 62 400*                                 | 41,0                    | 71,3                            | 31 400                                                                    | 67 500*                                 | 42,0                           |
| 44,0                           | 24,3                    | 61,5                            | 33 000                                                                    | 53 100*                                 | 31,0                    | 65,7                            | 31 200                                                                    | 58 200*                                 | 36,6                    | 68,7                            | 29 400                                                                    | 62 800*                                 | 44,0                           |
| 46,0                           | 15,9                    | 55,7                            | 30 900                                                                    | 46 600*                                 | 25,0                    | 61,7                            | 29 300                                                                    | 54 300*                                 | 31,5                    | 65,6                            | 27 500                                                                    | 58 600*                                 | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 17,0                    | 56,2                            | 27 400                                                                    | 49 200*                                 | 25,6                    | 61,8                            | 25 800                                                                    | 54 700*                                 | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,9                    | 56,5                            | 24 200                                                                    | 50 600*                                 | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |

# Liftcrane Luffing Jib Capacities

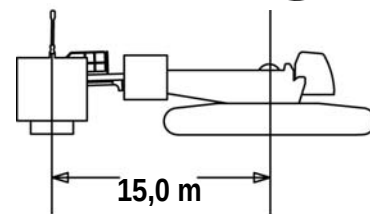
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

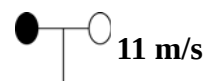
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 18,3                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,3                           |
| 20,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 61,7                    | 80,1                            | 37 800                                                                    | 87 800                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 58,5                    | 78,9                            | 34 900                                                                    | 82 500                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 55,2                    | 77,5                            | 32 400                                                                    | 77 100                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 51,8                    | 76,0                            | 30 200                                                                    | 72 400                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 48,2                    | 74,2                            | 28 100                                                                    | 68 100                                  | 54,4                    | 75,9                            | 24 900                                                                    | 65 300                                  |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 44,3                    | 72,2                            | 26 300                                                                    | 64 300                                  | 50,9                    | 74,4                            | 23 200                                                                    | 61 600                                  |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 40,2                    | 69,9                            | 24 600                                                                    | 60 800                                  | 47,2                    | 72,6                            | 21 700                                                                    | 58 200                                  |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 35,6                    | 67,3                            | 23 100                                                                    | 57 600                                  | 43,3                    | 70,5                            | 20 300                                                                    | 55 200                                  | 49,8                    | 72,3                            | 17 600                                                                    | 52 800                                  | 48,0                           |
| 50,0                           | 30,5                    | 64,1                            | 21 600                                                                    | 54 700                                  | 39,1                    | 68,1                            | 19 000                                                                    | 52 400                                  | 46,1                    | 70,5                            | 16 400                                                                    | 50 100                                  | 50,0                           |
| 52,0                           | 24,3                    | 60,0                            | 20 200                                                                    | 52 000                                  | 34,4                    | 65,3                            | 17 800                                                                    | 49 800                                  | 42,1                    | 68,3                            | 15 300                                                                    | 47 700                                  | 52,0                           |
| 54,0                           | 15,9                    | 54,2                            | 18 900                                                                    | 49 300                                  | 29,1                    | 62,0                            | 16 600                                                                    | 47 400                                  | 37,7                    | 65,8                            | 14 300                                                                    | 45 400                                  | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 22,5                    | 57,6                            | 15 600                                                                    | 45 200                                  | 32,9                    | 62,9                            | 13 300                                                                    | 43 300                                  | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,2                    | 59,3                            | 12 400                                                                    | 41 300                                  | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,1                    | 54,5                            | 11 600                                                                    | 39 500                                  | 60,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

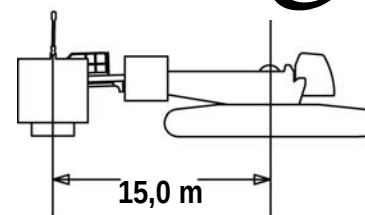
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

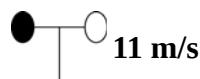
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 19,8                           | 73,5                    | 90,8                     | 92 600                                                                    | 115 900*                                |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,8                           |
| 20,0                           | 73,2                    | 90,7                     | 91 600                                                                    | 115 500*                                |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           | 70,7                    | 90,0                     | 81 100                                                                    | 111 700*                                |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           | 68,1                    | 89,2                     | 72 700                                                                    | 104 600*                                |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           | 65,5                    | 88,3                     | 65 600                                                                    | 94 500*                                 | 68,4                    | 89,1                     | 62 200                                                                    | 109 400*                                |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           | 62,9                    | 87,3                     | 59 700                                                                    | 86 600*                                 | 65,8                    | 88,2                     | 56 500                                                                    | 105 500*                                |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           | 60,1                    | 86,2                     | 54 700                                                                    | 80 100*                                 | 63,1                    | 87,2                     | 51 700                                                                    | 100 900*                                | 66,1                    | 87,9                     | 48 700                                                                    | 101 200                                 | 30,0                           |
| 32,0                           | 57,3                    | 84,9                     | 50 300                                                                    | 74 700*                                 | 60,4                    | 86,1                     | 47 400                                                                    | 92 800*                                 | 63,4                    | 86,9                     | 44 700                                                                    | 94 900                                  | 32,0                           |
| 34,0                           | 54,4                    | 83,5                     | 46 400                                                                    | 70 100*                                 | 57,6                    | 84,8                     | 43 800                                                                    | 85 100*                                 | 60,7                    | 85,8                     | 41 200                                                                    | 89 300                                  | 34,0                           |
| 36,0                           | 51,3                    | 81,9                     | 43 000                                                                    | 66 100*                                 | 54,7                    | 83,4                     | 40 600                                                                    | 78 100*                                 | 57,9                    | 84,6                     | 38 100                                                                    | 84 300                                  | 36,0                           |
| 38,0                           | 48,2                    | 80,2                     | 40 000                                                                    | 62 700*                                 | 51,7                    | 81,9                     | 37 700                                                                    | 72 200*                                 | 55,0                    | 83,2                     | 35 400                                                                    | 78 900                                  | 38,0                           |
| 40,0                           | 44,8                    | 78,2                     | 37 300                                                                    | 59 700*                                 | 48,5                    | 80,1                     | 35 100                                                                    | 66 900*                                 | 52,0                    | 81,6                     | 32 900                                                                    | 72 800*                                 | 40,0                           |
| 42,0                           | 41,3                    | 76,0                     | 34 800                                                                    | 55 900*                                 | 45,2                    | 78,2                     | 32 800                                                                    | 62 300*                                 | 48,8                    | 79,9                     | 30 800                                                                    | 67 500*                                 | 42,0                           |
| 44,0                           | 37,4                    | 73,5                     | 32 600                                                                    | 51 900*                                 | 41,6                    | 76,0                     | 30 700                                                                    | 58 100*                                 | 45,5                    | 78,0                     | 28 800                                                                    | 62 800*                                 | 44,0                           |
| 46,0                           | 33,2                    | 70,6                     | 30 600                                                                    | 48 500*                                 | 37,8                    | 73,5                     | 28 800                                                                    | 54 400*                                 | 42,0                    | 75,8                     | 26 900                                                                    | 58 600*                                 | 46,0                           |
| 48,0                           | 28,4                    | 67,1                     | 28 700                                                                    | 45 400*                                 | 33,6                    | 70,6                     | 27 000                                                                    | 51 000*                                 | 38,2                    | 73,4                     | 25 200                                                                    | 54 800*                                 | 48,0                           |
| 50,0                           | 22,6                    | 62,7                     | 27 000                                                                    | 42 900*                                 | 28,9                    | 67,2                     | 25 400                                                                    | 47 900*                                 | 34,1                    | 70,6                     | 23 700                                                                    | 51 400*                                 | 50,0                           |
| 52,0                           | 14,8                    | 56,5                     | 25 300                                                                    | 38 500*                                 | 23,3                    | 63,0                     | 23 800                                                                    | 45 000*                                 | 29,4                    | 67,2                     | 22 300                                                                    | 48 300*                                 | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         | 15,8                    | 57,0                     | 22 400                                                                    | 40 600*                                 | 23,9                    | 63,0                     | 20 900                                                                    | 45 400*                                 | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,7                    | 57,3                     | 19 600                                                                    | 42 000*                                 | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 66,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

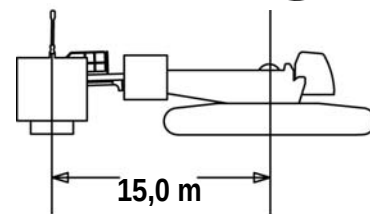
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

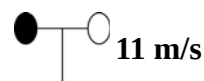
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 19,8                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,8                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 60,1                    | 84,7                     | 31 600                                                                    | 76 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 57,3                    | 83,4                     | 29 300                                                                    | 71 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 54,4                    | 82,0                     | 27 300                                                                    | 67 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 51,3                    | 80,4                     | 25 500                                                                    | 63 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 48,2                    | 78,7                     | 23 900                                                                    | 60 100                                  | 53,6                    | 80,4                     | 20 800                                                                    | 57 400                                  |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 44,8                    | 76,7                     | 22 300                                                                    | 56 900                                  | 50,6                    | 78,8                     | 19 400                                                                    | 54 400                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 41,3                    | 74,5                     | 20 900                                                                    | 54 000                                  | 47,4                    | 77,0                     | 18 200                                                                    | 51 600                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 37,4                    | 72,0                     | 19 600                                                                    | 51 400                                  | 44,0                    | 75,0                     | 17 000                                                                    | 49 100                                  | 49,6                    | 76,8                     | 14 400                                                                    | 46 900                                  | 52,0                           |
| 54,0                           | 33,2                    | 69,1                     | 18 400                                                                    | 49 000                                  | 40,3                    | 72,7                     | 15 900                                                                    | 46 800                                  | 46,3                    | 74,9                     | 13 400                                                                    | 44 600                                  | 54,0                           |
| 56,0                           | 28,4                    | 65,6                     | 17 300                                                                    | 46 700                                  | 36,4                    | 70,1                     | 14 900                                                                    | 44 600                                  | 42,9                    | 72,9                     | 12 500                                                                    | 42 500                                  | 56,0                           |
| 58,0                           | 22,6                    | 61,2                     | 16 200                                                                    | 44 600                                  | 32,1                    | 67,1                     | 13 900                                                                    | 42 600                                  | 39,2                    | 70,5                     | 11 700                                                                    | 40 600                                  | 58,0                           |
| 60,0                           | 14,8                    | 55,0                     | 15 100                                                                    | 42 000*                                 | 27,1                    | 63,4                     | 13 000                                                                    | 40 700                                  | 35,1                    | 67,8                     | 10 800                                                                    | 38 800                                  | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         | 21,0                    | 58,7                     | 12 100                                                                    | 38 900                                  | 30,6                    | 64,5                     | 10 100                                                                    | 37 100                                  | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         | 12,1                    | 51,5                     | 11 200                                                                    | 37 200                                  | 25,4                    | 60,6                     | 9 300                                                                     | 35 500                                  | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,8                    | 55,5                     | 8 600                                                                     | 34 000                                  | 66,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

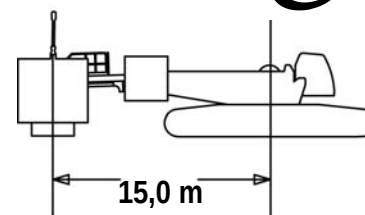
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

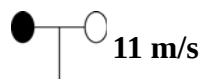
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

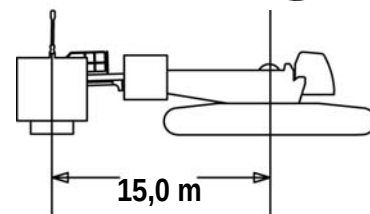
42,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 21,3                           | 73,7                    | 96,6                     | 84 000                                                                    | 96 700*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 21,3                           |
| 22,0                           | 72,9                    | 96,4                     | 81 000                                                                    | 96 600*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           | 70,7                    | 95,7                     | 72 300                                                                    | 95 400*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           | 68,4                    | 94,9                     | 65 200                                                                    | 91 700*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           | 66,1                    | 94,0                     | 59 300                                                                    | 87 100*                                 | 68,6                    | 94,7                     | 56 000                                                                    | 92 600*                                 |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           | 63,7                    | 93,0                     | 54 200                                                                    | 81 600*                                 | 66,3                    | 93,8                     | 51 100                                                                    | 90 100*                                 |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 61,3                    | 92,0                     | 49 800                                                                    | 75 500*                                 | 64,0                    | 92,9                     | 46 900                                                                    | 86 400*                                 | 66,6                    | 93,6                     | 44 100                                                                    | 88 700*                                 | 32,0                           |
| 34,0                           | 58,9                    | 90,8                     | 45 900                                                                    | 70 500*                                 | 61,6                    | 91,8                     | 43 300                                                                    | 82 700*                                 | 64,2                    | 92,6                     | 40 600                                                                    | 87 000                                  | 34,0                           |
| 36,0                           | 56,3                    | 89,5                     | 42 500                                                                    | 66 200*                                 | 59,1                    | 90,6                     | 40 000                                                                    | 78 100*                                 | 61,8                    | 91,6                     | 37 500                                                                    | 82 500                                  | 36,0                           |
| 38,0                           | 53,7                    | 88,0                     | 39 500                                                                    | 62 500*                                 | 56,6                    | 89,3                     | 37 100                                                                    | 72 100*                                 | 59,4                    | 90,4                     | 34 800                                                                    | 78 000                                  | 38,0                           |
| 40,0                           | 51,0                    | 86,4                     | 36 800                                                                    | 59 200*                                 | 54,0                    | 87,9                     | 34 600                                                                    | 66 800*                                 | 56,8                    | 89,1                     | 32 300                                                                    | 72 800*                                 | 40,0                           |
| 42,0                           | 48,2                    | 84,7                     | 34 400                                                                    | 55 100*                                 | 51,3                    | 86,3                     | 32 300                                                                    | 62 200*                                 | 54,2                    | 87,7                     | 30 200                                                                    | 67 400*                                 | 42,0                           |
| 44,0                           | 45,2                    | 82,7                     | 32 200                                                                    | 51 400*                                 | 48,5                    | 84,6                     | 30 200                                                                    | 58 000*                                 | 51,5                    | 86,1                     | 28 200                                                                    | 62 700*                                 | 44,0                           |
| 46,0                           | 42,1                    | 80,6                     | 30 200                                                                    | 48 000*                                 | 45,5                    | 82,7                     | 28 300                                                                    | 54 300*                                 | 48,7                    | 84,4                     | 26 400                                                                    | 58 500*                                 | 46,0                           |
| 48,0                           | 38,8                    | 78,2                     | 28 300                                                                    | 44 900*                                 | 42,4                    | 80,6                     | 26 500                                                                    | 50 900*                                 | 45,8                    | 82,5                     | 24 700                                                                    | 54 700*                                 | 48,0                           |
| 50,0                           | 35,2                    | 75,4                     | 26 600                                                                    | 42 100*                                 | 39,1                    | 78,2                     | 24 900                                                                    | 47 800*                                 | 42,7                    | 80,4                     | 23 200                                                                    | 51 300*                                 | 50,0                           |
| 52,0                           | 31,2                    | 72,2                     | 25 000                                                                    | 39 600*                                 | 35,5                    | 75,5                     | 23 400                                                                    | 45 000*                                 | 39,4                    | 78,0                     | 21 800                                                                    | 48 200*                                 | 52,0                           |
| 54,0                           | 26,7                    | 68,5                     | 23 600                                                                    | 37 500*                                 | 31,6                    | 72,3                     | 22 000                                                                    | 42 400*                                 | 35,9                    | 75,3                     | 20 400                                                                    | 45 400*                                 | 54,0                           |
| 56,0                           | 21,3                    | 63,8                     | 22 200                                                                    | 35 700*                                 | 27,2                    | 68,7                     | 20 700                                                                    | 40 100*                                 | 32,0                    | 72,3                     | 19 200                                                                    | 42 800*                                 | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         | 21,9                    | 64,1                     | 19 500                                                                    | 37 800*                                 | 27,6                    | 68,7                     | 18 100                                                                    | 40 400*                                 | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         | 14,9                    | 57,8                     | 18 300                                                                    | 34 000*                                 | 22,5                    | 64,2                     | 17 000                                                                    | 38 200*                                 | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,7                    | 58,2                     | 15 900                                                                    | 35 300*                                 | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 72,0                           |

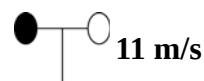
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 21,3                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 21,3                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 61,3                    | 90,4                     | 28 700                                                                    | 70 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 58,9                    | 89,3                     | 26 700                                                                    | 66 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 56,3                    | 87,9                     | 24 800                                                                    | 62 900                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 53,7                    | 86,5                     | 23 200                                                                    | 59 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 51,0                    | 84,9                     | 21 700                                                                    | 56 300                                  | 55,7                    | 86,4                     | 18 700                                                                    | 53 800                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 48,2                    | 83,2                     | 20 300                                                                    | 53 500                                  | 53,0                    | 84,9                     | 17 500                                                                    | 51 000                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 45,2                    | 81,2                     | 19 000                                                                    | 50 800                                  | 50,3                    | 83,3                     | 16 300                                                                    | 48 500                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 42,1                    | 79,1                     | 17 800                                                                    | 48 400                                  | 47,5                    | 81,5                     | 15 200                                                                    | 46 100                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 38,8                    | 76,6                     | 16 700                                                                    | 46 200                                  | 44,5                    | 79,5                     | 14 200                                                                    | 44 000                                  | 49,5                    | 81,3                     | 11 800                                                                    | 41 900                                  | 56,0                           |
| 58,0                           | 35,2                    | 73,9                     | 15 700                                                                    | 44 100                                  | 41,3                    | 77,3                     | 13 300                                                                    | 42 000                                  | 46,6                    | 79,4                     | 10 900                                                                    | 40 000                                  | 58,0                           |
| 60,0                           | 31,2                    | 70,7                     | 14 700                                                                    | 42 100                                  | 37,9                    | 74,8                     | 12 400                                                                    | 40 100                                  | 43,5                    | 77,4                     | 10 200                                                                    | 38 200                                  | 60,0                           |
| 62,0                           | 26,7                    | 67,0                     | 13 800                                                                    | 40 100                                  | 34,2                    | 72,0                     | 11 600                                                                    | 38 400                                  | 40,3                    | 75,1                     | 9 400                                                                     | 36 500                                  | 62,0                           |
| 64,0                           | 21,3                    | 62,3                     | 12 900                                                                    | 37 900*                                 | 30,1                    | 68,7                     | 10 800                                                                    | 36 700                                  | 36,8                    | 72,5                     | 8 800                                                                     | 34 900                                  | 64,0                           |
| 66,0                           | 13,9                    | 55,7                     | 12 000                                                                    | 35 400*                                 | 25,5                    | 64,8                     | 10 100                                                                    | 35 200                                  | 33,0                    | 69,5                     | 8 100                                                                     | 33 500                                  | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         | 19,7                    | 59,8                     | 9 400                                                                     | 33 700                                  | 28,8                    | 66,1                     | 7 500                                                                     | 32 100                                  | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         | 11,4                    | 52,1                     | 8 600                                                                     | 32 400                                  | 23,9                    | 61,9                     | 6 800                                                                     | 30 800                                  | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 17,6                    | 56,4                     | 6 200                                                                     | 29 500                                  | 72,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

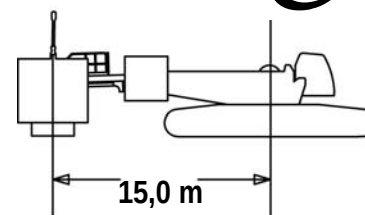
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

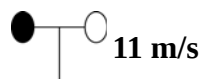
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

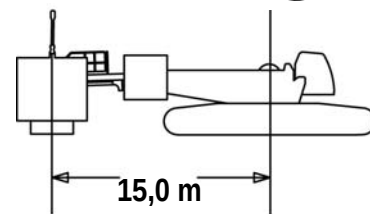
42,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 24,4                           | 72,3                    | 101,9                    | 70 300                                                                    | 79 600*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,4                           |
| 26,0                           | 70,7                    | 101,3                    | 64 700                                                                    | 79 300*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           | 68,6                    | 100,6                    | 58 700                                                                    | 78 300*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           | 66,5                    | 99,7                     | 53 600                                                                    | 74 900*                                 | 68,8                    | 100,4                    | 50 500                                                                    | 76 400*                                 |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 64,4                    | 98,8                     | 49 200                                                                    | 71 400*                                 | 66,8                    | 99,5                     | 46 300                                                                    | 76 100*                                 |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 62,3                    | 97,7                     | 45 300                                                                    | 67 800*                                 | 64,7                    | 98,6                     | 42 600                                                                    | 73 900*                                 | 67,0                    | 99,2                     | 39 900                                                                    | 72 500*                                 | 34,0                           |
| 36,0                           | 60,1                    | 96,6                     | 41 900                                                                    | 64 100*                                 | 62,5                    | 97,6                     | 39 300                                                                    | 70 400*                                 | 64,9                    | 98,3                     | 36 800                                                                    | 72 500*                                 | 36,0                           |
| 38,0                           | 57,8                    | 95,3                     | 38 900                                                                    | 60 500*                                 | 60,3                    | 96,4                     | 36 500                                                                    | 67 000*                                 | 62,7                    | 97,3                     | 34 100                                                                    | 70 900*                                 | 38,0                           |
| 40,0                           | 55,5                    | 94,0                     | 36 200                                                                    | 56 900*                                 | 58,1                    | 95,2                     | 33 900                                                                    | 63 800*                                 | 60,5                    | 96,2                     | 31 600                                                                    | 67 600*                                 | 40,0                           |
| 42,0                           | 53,2                    | 92,5                     | 33 700                                                                    | 53 500*                                 | 55,8                    | 93,9                     | 31 600                                                                    | 60 600*                                 | 58,3                    | 95,0                     | 29 400                                                                    | 64 400*                                 | 42,0                           |
| 44,0                           | 50,7                    | 90,9                     | 31 500                                                                    | 50 300*                                 | 53,4                    | 92,4                     | 29 500                                                                    | 57 400*                                 | 56,0                    | 93,6                     | 27 400                                                                    | 61 200*                                 | 44,0                           |
| 46,0                           | 48,2                    | 89,1                     | 29 500                                                                    | 47 200*                                 | 51,0                    | 90,8                     | 27 600                                                                    | 53 800*                                 | 53,6                    | 92,2                     | 25 600                                                                    | 58 000*                                 | 46,0                           |
| 48,0                           | 45,5                    | 87,2                     | 27 700                                                                    | 44 300*                                 | 48,4                    | 89,1                     | 25 800                                                                    | 50 400*                                 | 51,2                    | 90,6                     | 24 000                                                                    | 54 200*                                 | 48,0                           |
| 50,0                           | 42,7                    | 85,1                     | 26 000                                                                    | 41 700*                                 | 45,8                    | 87,2                     | 24 300                                                                    | 47 400*                                 | 48,7                    | 88,9                     | 22 400                                                                    | 50 800*                                 | 50,0                           |
| 52,0                           | 39,8                    | 82,8                     | 24 500                                                                    | 39 200*                                 | 43,0                    | 85,1                     | 22 800                                                                    | 44 600*                                 | 46,1                    | 87,0                     | 21 100                                                                    | 47 800*                                 | 52,0                           |
| 54,0                           | 36,7                    | 80,2                     | 23 000                                                                    | 37 000*                                 | 40,1                    | 82,8                     | 21 400                                                                    | 42 100*                                 | 43,3                    | 84,9                     | 19 800                                                                    | 45 000*                                 | 54,0                           |
| 56,0                           | 33,3                    | 77,2                     | 21 700                                                                    | 35 000*                                 | 37,0                    | 80,2                     | 20 100                                                                    | 39 700*                                 | 40,4                    | 82,6                     | 18 500                                                                    | 42 400*                                 | 56,0                           |
| 58,0                           | 29,5                    | 73,8                     | 20 400                                                                    | 33 100*                                 | 33,6                    | 77,3                     | 18 900                                                                    | 37 600*                                 | 37,3                    | 80,1                     | 17 500                                                                    | 40 000*                                 | 58,0                           |
| 60,0                           | 25,2                    | 69,8                     | 19 300                                                                    | 31 500*                                 | 29,9                    | 73,9                     | 17 800                                                                    | 35 500*                                 | 34,0                    | 77,2                     | 16 400                                                                    | 37 900*                                 | 60,0                           |
| 62,0                           | 20,1                    | 64,9                     | 18 100                                                                    | 30 200*                                 | 25,7                    | 70,0                     | 16 800                                                                    | 33 600*                                 | 30,3                    | 73,9                     | 15 400                                                                    | 35 800*                                 | 62,0                           |
| 64,0                           | 13,2                    | 57,8                     | 17 100                                                                    | 27 000*                                 | 20,7                    | 65,2                     | 15 800                                                                    | 31 800*                                 | 26,2                    | 70,1                     | 14 500                                                                    | 33 900*                                 | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         | 14,0                    | 58,5                     | 14 800                                                                    | 28 500*                                 | 21,3                    | 65,3                     | 13 600                                                                    | 32 100*                                 | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,8                    | 58,9                     | 12 700                                                                    | 29 700*                                 | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 78,0                           |

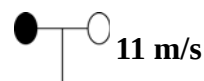
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 24,4                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,4                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 60,1                    | 95,1                     | 24 000                                                                    | 62 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 57,8                    | 93,8                     | 22 400                                                                    | 58 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 55,5                    | 92,5                     | 20 900                                                                    | 55 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 53,2                    | 91,0                     | 19 500                                                                    | 52 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 50,7                    | 89,4                     | 18 200                                                                    | 50 100                                  | 55,0                    | 90,9                     | 15 400                                                                    | 47 700                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 48,2                    | 87,6                     | 17 000                                                                    | 47 700                                  | 52,6                    | 89,4                     | 14 400                                                                    | 45 300                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 45,5                    | 85,7                     | 15 900                                                                    | 45 500                                  | 50,1                    | 87,8                     | 13 400                                                                    | 43 200                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 42,7                    | 83,6                     | 14 900                                                                    | 43 400                                  | 47,5                    | 86,0                     | 12 400                                                                    | 41 200                                  | 51,8                    | 87,4                     | 10 000                                                                    | 39 100                                  | 58,0                           |
| 60,0                           | 39,8                    | 81,2                     | 14 000                                                                    | 41 500                                  | 44,8                    | 84,0                     | 11 600                                                                    | 39 400                                  | 49,3                    | 85,8                     | 9 300                                                                     | 37 300                                  | 60,0                           |
| 62,0                           | 36,7                    | 78,6                     | 13 100                                                                    | 39 600                                  | 42,0                    | 81,8                     | 10 800                                                                    | 37 700                                  | 46,7                    | 83,9                     | 8 600                                                                     | 35 700                                  | 62,0                           |
| 64,0                           | 33,3                    | 75,7                     | 12 200                                                                    | 37 600*                                 | 39,0                    | 79,4                     | 10 000                                                                    | 36 000                                  | 44,0                    | 81,9                     | 7 800                                                                     | 34 200                                  | 64,0                           |
| 66,0                           | 29,5                    | 72,3                     | 11 400                                                                    | 35 600*                                 | 35,8                    | 76,8                     | 9 300                                                                     | 34 500                                  | 41,1                    | 79,7                     | 7 200                                                                     | 32 700                                  | 66,0                           |
| 68,0                           | 25,2                    | 68,3                     | 10 700                                                                    | 33 700*                                 | 32,4                    | 73,7                     | 8 600                                                                     | 33 100                                  | 38,1                    | 77,2                     | 6 600                                                                     | 31 400                                  | 68,0                           |
| 70,0                           | 20,1                    | 63,4                     | 10 000                                                                    | 31 900*                                 | 28,5                    | 70,2                     | 8 000                                                                     | 31 800                                  | 34,8                    | 74,4                     | 6 100                                                                     | 30 000                                  | 70,0                           |
| 72,0                           | 13,1                    | 56,3                     | 9 200                                                                     | 29 900*                                 | 24,1                    | 66,0                     | 7 400                                                                     | 30 500                                  | 31,2                    | 71,2                     | 5 500                                                                     | 28 800                                  | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         | 18,7                    | 60,7                     | 6 800                                                                     | 29 200                                  | 27,2                    | 67,5                     | 5 000                                                                     | 27 700                                  | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         | 10,7                    | 52,7                     | 6 100                                                                     | 28 100                                  | 22,6                    | 63,1                     | 4 400                                                                     | 26 600                                  | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,7                    | 57,2                     | 4 000                                                                     | 25 500                                  | 78,0                           |

# Liftcrane Luffing Jib Capacities

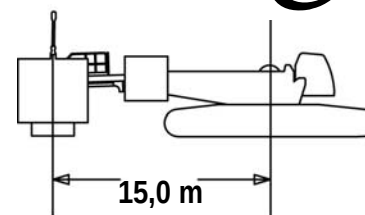
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

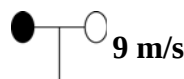
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

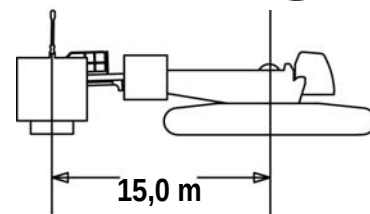
42,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 29,0                           | 69,8                    | 106,6                    | 55 500                                                                    | 65 800*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 29,0                           |
| 30,0                           | 68,8                    | 106,2                    | 53 000                                                                    | 65 500*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 66,9                    | 105,4                    | 48 500                                                                    | 64 500*                                 | 69,0                    | 106,0                    | 45 500                                                                    | 63 600*                                 |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 65,0                    | 104,4                    | 44 600                                                                    | 61 800*                                 | 67,1                    | 105,2                    | 41 900                                                                    | 63 400*                                 |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 63,1                    | 103,4                    | 41 200                                                                    | 59 100*                                 | 65,2                    | 104,3                    | 38 600                                                                    | 63 100*                                 |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 61,1                    | 102,4                    | 38 200                                                                    | 56 400*                                 | 63,3                    | 103,3                    | 35 700                                                                    | 62 700*                                 | 65,4                    | 104,0                    | 33 200                                                                    | 60 500*                                 | 38,0                           |
| 40,0                           | 59,1                    | 101,2                    | 35 500                                                                    | 53 600*                                 | 61,3                    | 102,2                    | 33 100                                                                    | 62 200*                                 | 63,5                    | 103,0                    | 30 800                                                                    | 60 400*                                 | 40,0                           |
| 42,0                           | 57,0                    | 99,9                     | 33 100                                                                    | 50 900*                                 | 59,3                    | 101,0                    | 30 800                                                                    | 59 700*                                 | 61,5                    | 101,9                    | 28 600                                                                    | 60 300*                                 | 42,0                           |
| 44,0                           | 54,9                    | 98,5                     | 30 800                                                                    | 48 200*                                 | 57,2                    | 99,8                     | 28 700                                                                    | 56 100*                                 | 59,5                    | 100,8                    | 26 600                                                                    | 60 100*                                 | 44,0                           |
| 46,0                           | 52,7                    | 97,0                     | 28 800                                                                    | 45 700*                                 | 55,1                    | 98,4                     | 26 800                                                                    | 52 500*                                 | 57,4                    | 99,5                     | 24 800                                                                    | 56 500*                                 | 46,0                           |
| 48,0                           | 50,5                    | 95,4                     | 27 000                                                                    | 43 200*                                 | 52,9                    | 96,9                     | 25 100                                                                    | 49 400*                                 | 55,3                    | 98,2                     | 23 200                                                                    | 53 000*                                 | 48,0                           |
| 50,0                           | 48,2                    | 93,6                     | 25 300                                                                    | 40 800*                                 | 50,7                    | 95,3                     | 23 500                                                                    | 46 500*                                 | 53,2                    | 96,7                     | 21 700                                                                    | 49 800*                                 | 50,0                           |
| 52,0                           | 45,8                    | 91,7                     | 23 800                                                                    | 38 600*                                 | 48,4                    | 93,6                     | 22 000                                                                    | 43 800*                                 | 50,9                    | 95,1                     | 20 200                                                                    | 46 900*                                 | 52,0                           |
| 54,0                           | 43,3                    | 89,6                     | 22 400                                                                    | 36 500*                                 | 46,0                    | 91,7                     | 20 600                                                                    | 41 200*                                 | 48,6                    | 93,3                     | 19 000                                                                    | 44 100*                                 | 54,0                           |
| 56,0                           | 40,6                    | 87,3                     | 21 000                                                                    | 34 600*                                 | 43,5                    | 89,6                     | 19 400                                                                    | 38 900*                                 | 46,3                    | 91,5                     | 17 800                                                                    | 41 600*                                 | 56,0                           |
| 58,0                           | 37,8                    | 84,8                     | 19 800                                                                    | 32 800*                                 | 40,9                    | 87,3                     | 18 200                                                                    | 36 800*                                 | 43,8                    | 89,4                     | 16 700                                                                    | 39 300*                                 | 58,0                           |
| 60,0                           | 34,9                    | 82,1                     | 18 600                                                                    | 31 100*                                 | 38,1                    | 84,8                     | 17 100                                                                    | 34 800*                                 | 41,2                    | 87,2                     | 15 600                                                                    | 37 100*                                 | 60,0                           |
| 62,0                           | 31,6                    | 78,9                     | 17 500                                                                    | 29 600*                                 | 35,2                    | 82,1                     | 16 100                                                                    | 33 000*                                 | 38,4                    | 84,7                     | 14 600                                                                    | 35 100*                                 | 62,0                           |
| 64,0                           | 28,1                    | 75,3                     | 16 500                                                                    | 28 200*                                 | 32,0                    | 79,0                     | 15 100                                                                    | 31 300*                                 | 35,5                    | 82,0                     | 13 700                                                                    | 33 300*                                 | 64,0                           |
| 66,0                           | 24,0                    | 71,1                     | 15 600                                                                    | 27 000*                                 | 28,5                    | 75,5                     | 14 200                                                                    | 29 700*                                 | 32,3                    | 78,9                     | 12 900                                                                    | 31 500*                                 | 66,0                           |
| 68,0                           | 19,2                    | 65,9                     | 14 600                                                                    | 25 500*                                 | 24,5                    | 71,3                     | 13 300                                                                    | 28 200*                                 | 28,8                    | 75,5                     | 12 100                                                                    | 29 900*                                 | 68,0                           |
| 70,0                           | 12,5                    | 58,5                     | 13 700                                                                    | 22 500*                                 | 19,7                    | 66,2                     | 12 500                                                                    | 26 700*                                 | 24,9                    | 71,4                     | 11 300                                                                    | 28 400*                                 | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         | 13,4                    | 59,2                     | 11 700                                                                    | 23 700*                                 | 20,2                    | 66,4                     | 10 500                                                                    | 26 900*                                 | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,1                    | 59,6                     | 9 800                                                                     | 25 000*                                 | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 84,0                           |

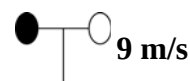
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 29,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 29,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 61,1                    | 100,8                    | 21 500                                                                    | 54 900*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 59,1                    | 99,7                     | 20 000                                                                    | 54 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 57,0                    | 98,4                     | 18 600                                                                    | 52 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 54,9                    | 97,0                     | 17 300                                                                    | 49 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 52,7                    | 95,5                     | 16 200                                                                    | 46 900                                  | 56,5                    | 96,8                     | 13 500                                                                    | 44 500                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 50,5                    | 93,9                     | 15 100                                                                    | 44 700                                  | 54,4                    | 95,4                     | 12 500                                                                    | 42 400                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 48,2                    | 92,1                     | 14 100                                                                    | 42 600                                  | 52,2                    | 93,9                     | 11 600                                                                    | 40 400                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 45,8                    | 90,2                     | 13 200                                                                    | 40 700                                  | 49,9                    | 92,2                     | 10 700                                                                    | 38 600                                  |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 43,3                    | 88,1                     | 12 300                                                                    | 38 900                                  | 47,6                    | 90,5                     | 9 900                                                                     | 36 900                                  | 51,5                    | 91,9                     | 7 600                                                                     | 34 900                                  | 62,0                           |
| 64,0                           | 40,6                    | 85,8                     | 11 400                                                                    | 36 800*                                 | 45,2                    | 88,5                     | 9 200                                                                     | 35 200                                  | 49,2                    | 90,2                     | 6 900                                                                     | 33 300                                  | 64,0                           |
| 66,0                           | 37,8                    | 83,3                     | 10 700                                                                    | 34 900*                                 | 42,6                    | 86,4                     | 8 500                                                                     | 33 800                                  | 46,9                    | 88,4                     | 6 300                                                                     | 31 900                                  | 66,0                           |
| 68,0                           | 34,9                    | 80,5                     | 9 900                                                                     | 33 100*                                 | 40,0                    | 84,0                     | 7 800                                                                     | 32 300                                  | 44,4                    | 86,4                     | 5 700                                                                     | 30 500                                  | 68,0                           |
| 70,0                           | 31,6                    | 77,4                     | 9 200                                                                     | 31 400*                                 | 37,1                    | 81,5                     | 7 200                                                                     | 31 000                                  | 41,8                    | 84,2                     | 5 200                                                                     | 29 300                                  | 70,0                           |
| 72,0                           | 28,1                    | 73,8                     | 8 500                                                                     | 29 800*                                 | 34,1                    | 78,6                     | 6 600                                                                     | 29 800                                  | 39,1                    | 81,8                     | 4 700                                                                     | 28 100                                  | 72,0                           |
| 74,0                           | 24,0                    | 69,6                     | 7 900                                                                     | 28 300*                                 | 30,8                    | 75,4                     | 6 000                                                                     | 28 600                                  | 36,2                    | 79,1                     | 4 100                                                                     | 26 900                                  | 74,0                           |
| 76,0                           | 19,2                    | 64,4                     | 7 300                                                                     | 26 800*                                 | 27,1                    | 71,7                     | 5 500                                                                     | 27 400                                  | 33,1                    | 76,2                     | 3 700                                                                     | 25 900                                  | 76,0                           |
| 78,0                           | 12,5                    | 57,0                     | 6 700                                                                     | 25 200*                                 | 22,9                    | 67,2                     | 5 000                                                                     | 26 300                                  | 29,7                    | 72,8                     | 3 200                                                                     | 24 800                                  | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         | 17,8                    | 61,6                     | 4 400                                                                     | 25 300                                  | 25,9                    | 68,9                     | 2 700                                                                     | 23 900                                  | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         | 10,2                    | 53,2                     | 3 900                                                                     | 24 300                                  | 21,5                    | 64,2                     | 2 300                                                                     | 22 900                                  | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,9                    | 58,0                     | 1 900                                                                     | 22 000                                  | 84,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

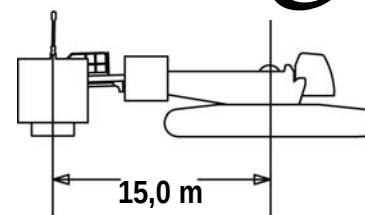
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

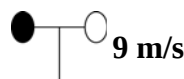
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

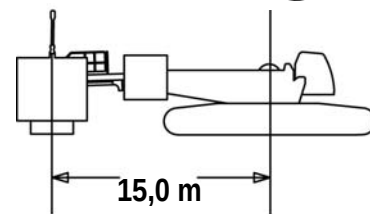
42,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 32,0                           | 68,9                    | 111,9                    | 47 900                                                                    | 54 500*                                 | 70,8                    | 112,4                    | 44 800                                                                    | 53 400*                                 |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 67,2                    | 111,0                    | 44 000                                                                    | 54 000*                                 | 69,1                    | 111,7                    | 41 100                                                                    | 53 100*                                 |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 65,5                    | 110,1                    | 40 600                                                                    | 53 300*                                 | 67,4                    | 110,9                    | 37 900                                                                    | 52 700*                                 |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 63,7                    | 109,2                    | 37 600                                                                    | 51 600*                                 | 65,7                    | 110,0                    | 35 000                                                                    | 52 400*                                 |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 61,9                    | 108,1                    | 34 800                                                                    | 49 500*                                 | 63,9                    | 109,0                    | 32 400                                                                    | 52 000*                                 | 65,8                    | 109,7                    | 30 000                                                                    | 50 400*                                 | 40,0                           |
| 42,0                           | 60,1                    | 107,0                    | 32 400                                                                    | 47 400*                                 | 62,1                    | 108,0                    | 30 100                                                                    | 51 600*                                 | 64,1                    | 108,7                    | 27 800                                                                    | 50 200*                                 | 42,0                           |
| 44,0                           | 58,2                    | 105,8                    | 30 200                                                                    | 45 400*                                 | 60,3                    | 106,8                    | 28 000                                                                    | 51 200*                                 | 62,3                    | 107,7                    | 25 900                                                                    | 49 900*                                 | 44,0                           |
| 46,0                           | 56,3                    | 104,4                    | 28 200                                                                    | 43 300*                                 | 58,4                    | 105,6                    | 26 100                                                                    | 50 700*                                 | 60,4                    | 106,6                    | 24 100                                                                    | 49 700*                                 | 46,0                           |
| 48,0                           | 54,3                    | 103,0                    | 26 400                                                                    | 41 200*                                 | 56,5                    | 104,3                    | 24 400                                                                    | 49 000*                                 | 58,6                    | 105,4                    | 22 400                                                                    | 49 400*                                 | 48,0                           |
| 50,0                           | 52,3                    | 101,5                    | 24 700                                                                    | 39 300*                                 | 54,6                    | 102,9                    | 22 800                                                                    | 45 900*                                 | 56,7                    | 104,1                    | 20 900                                                                    | 48 900*                                 | 50,0                           |
| 52,0                           | 50,3                    | 99,8                     | 23 100                                                                    | 37 400*                                 | 52,6                    | 101,4                    | 21 300                                                                    | 43 300*                                 | 54,7                    | 102,7                    | 19 500                                                                    | 46 400*                                 | 52,0                           |
| 54,0                           | 48,2                    | 98,1                     | 21 700                                                                    | 35 600*                                 | 50,5                    | 99,8                     | 20 000                                                                    | 40 900*                                 | 52,8                    | 101,2                    | 18 200                                                                    | 43 700*                                 | 54,0                           |
| 56,0                           | 46,0                    | 96,2                     | 20 400                                                                    | 33 800*                                 | 48,4                    | 98,0                     | 18 700                                                                    | 38 700*                                 | 50,7                    | 99,6                     | 17 100                                                                    | 41 300*                                 | 56,0                           |
| 58,0                           | 43,7                    | 94,1                     | 19 200                                                                    | 32 100*                                 | 46,2                    | 96,1                     | 17 500                                                                    | 36 600*                                 | 48,6                    | 97,8                     | 16 000                                                                    | 39 000*                                 | 58,0                           |
| 60,0                           | 41,3                    | 91,9                     | 18 000                                                                    | 30 600*                                 | 43,9                    | 94,1                     | 16 500                                                                    | 34 600*                                 | 46,4                    | 95,9                     | 14 900                                                                    | 36 800*                                 | 60,0                           |
| 62,0                           | 38,8                    | 89,5                     | 16 900                                                                    | 29 100*                                 | 41,6                    | 91,9                     | 15 400                                                                    | 32 700*                                 | 44,2                    | 93,9                     | 14 000                                                                    | 34 800*                                 | 62,0                           |
| 64,0                           | 36,1                    | 86,8                     | 15 900                                                                    | 27 800*                                 | 39,1                    | 89,5                     | 14 500                                                                    | 31 000*                                 | 41,8                    | 91,7                     | 13 100                                                                    | 32 900*                                 | 64,0                           |
| 66,0                           | 33,3                    | 83,8                     | 15 000                                                                    | 26 500*                                 | 36,4                    | 86,8                     | 13 600                                                                    | 29 400*                                 | 39,3                    | 89,3                     | 12 200                                                                    | 31 200*                                 | 66,0                           |
| 68,0                           | 30,2                    | 80,5                     | 14 100                                                                    | 25 300*                                 | 33,6                    | 83,9                     | 12 800                                                                    | 27 900*                                 | 36,7                    | 86,7                     | 11 400                                                                    | 29 600*                                 | 68,0                           |
| 70,0                           | 26,8                    | 76,8                     | 13 200                                                                    | 24 300*                                 | 30,6                    | 80,6                     | 11 900                                                                    | 26 400*                                 | 33,9                    | 83,8                     | 10 600                                                                    | 28 100*                                 | 70,0                           |
| 72,0                           | 23,0                    | 72,3                     | 12 400                                                                    | 23 300*                                 | 27,2                    | 76,9                     | 11 200                                                                    | 25 100*                                 | 30,9                    | 80,6                     | 9 900                                                                     | 26 600*                                 | 72,0                           |
| 74,0                           | 18,3                    | 66,8                     | 11 600                                                                    | 21 600*                                 | 23,4                    | 72,6                     | 10 400                                                                    | 23 800*                                 | 27,5                    | 76,9                     | 9 200                                                                     | 25 300*                                 | 74,0                           |
| 76,0                           | 11,9                    | 59,1                     | 10 900                                                                    | 18 600*                                 | 18,8                    | 67,2                     | 9 700                                                                     | 22 500*                                 | 23,8                    | 72,6                     | 8 600                                                                     | 24 000*                                 | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         | 12,8                    | 59,8                     | 9 000                                                                     | 19 800*                                 | 19,3                    | 67,4                     | 7 900                                                                     | 22 800*                                 | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 13,5                    | 60,3                     | 7 300                                                                     | 21 000*                                 | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |

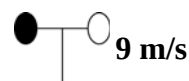
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 61,9                    | 106,6                    | 19 200                                                                    | 45 900*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 60,1                    | 105,4                    | 17 800                                                                    | 45 900*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 58,2                    | 104,2                    | 16 500                                                                    | 45 900*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 56,3                    | 102,9                    | 15 400                                                                    | 45 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 54,3                    | 101,5                    | 14 300                                                                    | 44 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 52,3                    | 100,0                    | 13 300                                                                    | 41 900                                  | 55,8                    | 101,4                    | 10 700                                                                    | 39 600                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 50,3                    | 98,3                     | 12 300                                                                    | 40 000                                  | 53,9                    | 99,9                     | 9 800                                                                     | 37 800                                  |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 48,2                    | 96,6                     | 11 500                                                                    | 38 200                                  | 51,8                    | 98,4                     | 9 100                                                                     | 36 100                                  |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           | 46,0                    | 94,7                     | 10 700                                                                    | 36 500                                  | 49,8                    | 96,7                     | 8 300                                                                     | 34 500                                  |                         |                          |                                                                           |                                         | 64,0                           |
| 66,0                           | 43,7                    | 92,6                     | 9 900                                                                     | 34 600*                                 | 47,6                    | 94,9                     | 7 600                                                                     | 33 000                                  | 51,2                    | 96,4                     | 5 400                                                                     | 31 100                                  | 66,0                           |
| 68,0                           | 41,3                    | 90,4                     | 9 200                                                                     | 32 700*                                 | 45,4                    | 93,0                     | 7 000                                                                     | 31 600                                  | 49,1                    | 94,7                     | 4 900                                                                     | 29 800                                  | 68,0                           |
| 70,0                           | 38,8                    | 87,9                     | 8 500                                                                     | 31 000*                                 | 43,1                    | 90,9                     | 6 400                                                                     | 30 300                                  | 47,0                    | 92,9                     | 4 300                                                                     | 28 500                                  | 70,0                           |
| 72,0                           | 36,1                    | 85,3                     | 7 900                                                                     | 29 400*                                 | 40,7                    | 88,6                     | 5 800                                                                     | 29 000                                  | 44,7                    | 90,9                     | 3 800                                                                     | 27 300                                  | 72,0                           |
| 74,0                           | 33,3                    | 82,3                     | 7 200                                                                     | 27 900*                                 | 38,2                    | 86,1                     | 5 300                                                                     | 27 900                                  | 42,4                    | 88,7                     | 3 300                                                                     | 26 200                                  | 74,0                           |
| 76,0                           | 30,2                    | 79,0                     | 6 600                                                                     | 26 500*                                 | 35,5                    | 83,4                     | 4 700                                                                     | 26 700                                  | 39,9                    | 86,4                     | 2 800                                                                     | 25 100                                  | 76,0                           |
| 78,0                           | 26,8                    | 75,2                     | 6 100                                                                     | 25 200*                                 | 32,6                    | 80,4                     | 4 200                                                                     | 25 700                                  | 37,4                    | 83,8                     | 2 400                                                                     | 24 100                                  | 78,0                           |
| 80,0                           | 23,0                    | 70,8                     | 5 500                                                                     | 23 900*                                 | 29,4                    | 76,9                     | 3 700                                                                     | 24 700                                  | 34,6                    | 81,0                     | 2 000                                                                     | 23 100                                  | 80,0                           |
| 82,0                           | 18,3                    | 65,3                     | 5 000                                                                     | 22 700*                                 | 25,9                    | 73,0                     | 3 300                                                                     | 23 700                                  | 31,6                    | 77,9                     | 1 600                                                                     | 22 200                                  | 82,0                           |
| 84,0                           | 11,9                    | 57,6                     | 4 500                                                                     | 21 300*                                 | 21,9                    | 68,4                     | 2 800                                                                     | 22 800                                  | 28,4                    | 74,3                     | 1 100                                                                     | 21 400                                  | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         | 17,0                    | 62,5                     | 2 300                                                                     | 21 900                                  | 24,8                    | 70,2                     |                                                                           | 20 500                                  | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         | 9,7                     | 53,7                     | 1 900                                                                     | 21 000                                  | 20,5                    | 65,3                     |                                                                           | 19 700                                  | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,1                    | 58,8                     |                                                                           | 18 900                                  | 90,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

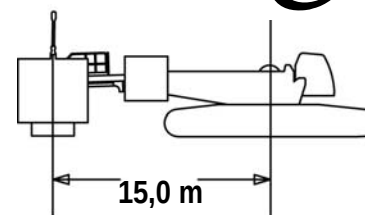
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

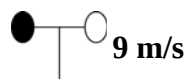
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 36,6                           | 67,0                    | 116,5                           | 39 100                                                                    | 45 200*                                 | 68,8                    | 117,1                           | 36 400                                                                    | 44 500*                                 |                         |                                 |                                                                           |                                         | 36,6                           |
| 38,0                           | 65,9                    | 115,8                           | 37 000                                                                    | 44 900*                                 | 67,6                    | 116,5                           | 34 400                                                                    | 44 300*                                 |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 64,2                    | 114,9                           | 34 300                                                                    | 44 400*                                 | 66,0                    | 115,7                           | 31 800                                                                    | 43 900*                                 |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 62,6                    | 113,8                           | 31 800                                                                    | 43 500*                                 | 64,4                    | 114,7                           | 29 500                                                                    | 43 600*                                 | 66,2                    | 115,4                           | 27 200                                                                    | 42 300*                                 | 42,0                           |
| 44,0                           | 60,9                    | 112,8                           | 29 600                                                                    | 41 800*                                 | 62,8                    | 113,7                           | 27 400                                                                    | 43 200*                                 | 64,6                    | 114,4                           | 25 200                                                                    | 42 100*                                 | 44,0                           |
| 46,0                           | 59,2                    | 111,6                           | 27 600                                                                    | 40 200*                                 | 61,1                    | 112,6                           | 25 500                                                                    | 42 900*                                 | 62,9                    | 113,4                           | 23 400                                                                    | 41 900*                                 | 46,0                           |
| 48,0                           | 57,5                    | 110,3                           | 25 800                                                                    | 38 600*                                 | 59,4                    | 111,4                           | 23 800                                                                    | 42 500*                                 | 61,3                    | 112,3                           | 21 700                                                                    | 41 600*                                 | 48,0                           |
| 50,0                           | 55,7                    | 109,0                           | 24 100                                                                    | 37 000*                                 | 57,7                    | 110,2                           | 22 200                                                                    | 42 100*                                 | 59,6                    | 111,2                           | 20 200                                                                    | 41 300*                                 | 50,0                           |
| 52,0                           | 53,9                    | 107,5                           | 22 500                                                                    | 35 400*                                 | 55,9                    | 108,8                           | 20 700                                                                    | 41 700*                                 | 57,8                    | 109,9                           | 18 800                                                                    | 41 100*                                 | 52,0                           |
| 54,0                           | 52,0                    | 106,0                           | 21 100                                                                    | 33 900*                                 | 54,1                    | 107,4                           | 19 300                                                                    | 40 100*                                 | 56,1                    | 108,6                           | 17 600                                                                    | 40 900*                                 | 54,0                           |
| 56,0                           | 50,1                    | 104,3                           | 19 800                                                                    | 32 400*                                 | 52,2                    | 105,9                           | 18 100                                                                    | 37 800*                                 | 54,3                    | 107,2                           | 16 400                                                                    | 40 100*                                 | 56,0                           |
| 58,0                           | 48,2                    | 102,6                           | 18 500                                                                    | 31 000*                                 | 50,3                    | 104,2                           | 16 900                                                                    | 35 800*                                 | 52,4                    | 105,7                           | 15 300                                                                    | 38 100*                                 | 58,0                           |
| 60,0                           | 46,2                    | 100,7                           | 17 400                                                                    | 29 600*                                 | 48,4                    | 102,5                           | 15 800                                                                    | 33 800*                                 | 50,5                    | 104,0                           | 14 300                                                                    | 36 100*                                 | 60,0                           |
| 62,0                           | 44,1                    | 98,6                            | 16 400                                                                    | 28 200*                                 | 46,4                    | 100,6                           | 14 800                                                                    | 32 000*                                 | 48,6                    | 102,3                           | 13 300                                                                    | 34 100*                                 | 62,0                           |
| 64,0                           | 41,9                    | 96,4                            | 15 300                                                                    | 27 000*                                 | 44,3                    | 98,6                            | 13 900                                                                    | 30 300*                                 | 46,6                    | 100,4                           | 12 400                                                                    | 32 300*                                 | 64,0                           |
| 66,0                           | 39,6                    | 94,1                            | 14 400                                                                    | 25 900*                                 | 42,1                    | 96,4                            | 13 000                                                                    | 28 700*                                 | 44,5                    | 98,4                            | 11 600                                                                    | 30 500*                                 | 66,0                           |
| 68,0                           | 37,2                    | 91,5                            | 13 500                                                                    | 24 700*                                 | 39,8                    | 94,1                            | 12 100                                                                    | 27 300*                                 | 42,3                    | 96,3                            | 10 800                                                                    | 29 000*                                 | 68,0                           |
| 70,0                           | 34,7                    | 88,7                            | 12 700                                                                    | 23 700*                                 | 37,5                    | 91,5                            | 11 300                                                                    | 25 900*                                 | 40,1                    | 93,9                            | 10 000                                                                    | 27 500*                                 | 70,0                           |
| 72,0                           | 31,9                    | 85,6                            | 11 900                                                                    | 22 700*                                 | 34,9                    | 88,7                            | 10 600                                                                    | 24 600*                                 | 37,7                    | 91,4                            | 9 300                                                                     | 26 100*                                 | 72,0                           |
| 74,0                           | 29,0                    | 82,1                            | 11 100                                                                    | 21 900*                                 | 32,2                    | 85,7                            | 9 900                                                                     | 23 300*                                 | 35,2                    | 88,6                            | 8 700                                                                     | 24 800*                                 | 74,0                           |
| 76,0                           | 25,7                    | 78,1                            | 10 400                                                                    | 20 900*                                 | 29,3                    | 82,2                            | 9 200                                                                     | 22 100*                                 | 32,5                    | 85,6                            | 8 000                                                                     | 23 500*                                 | 76,0                           |
| 78,0                           | 22,0                    | 73,5                            | 9 700                                                                     | 19 700*                                 | 26,1                    | 78,3                            | 8 600                                                                     | 21 000*                                 | 29,6                    | 82,2                            | 7 400                                                                     | 22 300*                                 | 78,0                           |
| 80,0                           | 17,6                    | 67,7                            | 9 000                                                                     | 17 900*                                 | 22,4                    | 73,8                            | 7 900                                                                     | 20 000*                                 | 26,4                    | 78,3                            | 6 800                                                                     | 21 200*                                 | 80,0                           |
| 82,0                           | 11,4                    | 59,7                            | 8 400                                                                     | 15 300*                                 | 18,1                    | 68,2                            | 7 300                                                                     | 18 700*                                 | 22,8                    | 73,8                            | 6 200                                                                     | 20 200*                                 | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         | 12,2                    | 60,5                            | 6 700                                                                     | 16 400*                                 | 18,5                    | 68,4                            | 5 700                                                                     | 19 100*                                 | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 12,9                    | 61,0                            | 5 100                                                                     | 17 500*                                 | 86,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 96,0                           |

# Liftcrane Luffing Jib Capacities

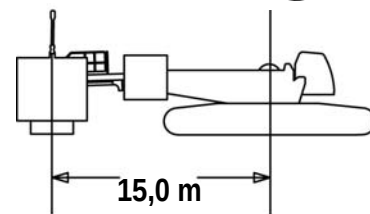
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

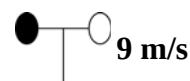
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 36,6                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,6                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 60,9                    | 111,2                    | 15 800                                                                    | 38 500*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 59,2                    | 110,1                    | 14 600                                                                    | 38 500*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 57,5                    | 108,8                    | 13 600                                                                    | 38 500*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 55,7                    | 107,4                    | 12 600                                                                    | 38 400*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 53,9                    | 106,0                    | 11 700                                                                    | 38 400*                                 | 57,0                    | 107,3                    | 9 100                                                                     | 35 000*                                 |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 52,0                    | 104,5                    | 10 800                                                                    | 37 600                                  | 55,3                    | 105,9                    | 8 300                                                                     | 35 000*                                 |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           | 50,1                    | 102,8                    | 10 000                                                                    | 35 800                                  | 53,4                    | 104,4                    | 7 600                                                                     | 33 800                                  |                         |                          |                                                                           |                                         | 64,0                           |
| 66,0                           | 48,2                    | 101,1                    | 9 200                                                                     | 33 800*                                 | 51,6                    | 102,9                    | 6 900                                                                     | 32 300                                  |                         |                          |                                                                           |                                         | 66,0                           |
| 68,0                           | 46,1                    | 99,2                     | 8 500                                                                     | 32 000*                                 | 49,7                    | 101,2                    | 6 300                                                                     | 30 900                                  |                         |                          |                                                                           |                                         | 68,0                           |
| 70,0                           | 44,1                    | 97,1                     | 7 800                                                                     | 30 300*                                 | 47,7                    | 99,4                     | 5 600                                                                     | 29 600                                  | 51,0                    | 100,9                    | 3 600                                                                     | 27 800                                  | 70,0                           |
| 72,0                           | 41,9                    | 94,9                     | 7 200                                                                     | 28 800*                                 | 45,6                    | 97,5                     | 5 100                                                                     | 28 400                                  | 49,1                    | 99,2                     | 3 000                                                                     | 26 600                                  | 72,0                           |
| 74,0                           | 39,6                    | 92,6                     | 6 600                                                                     | 27 300*                                 | 43,5                    | 95,4                     | 4 500                                                                     | 27 200                                  | 47,1                    | 97,3                     | 2 600                                                                     | 25 500                                  | 74,0                           |
| 76,0                           | 37,2                    | 90,0                     | 6 000                                                                     | 25 900*                                 | 41,3                    | 93,2                     | 4 000                                                                     | 26 100                                  | 45,0                    | 95,4                     | 2 100                                                                     | 24 500                                  | 76,0                           |
| 78,0                           | 34,7                    | 87,2                     | 5 500                                                                     | 24 600*                                 | 39,0                    | 90,8                     | 3 500                                                                     | 25 100                                  | 42,9                    | 93,3                     | 1 700                                                                     | 23 400                                  | 78,0                           |
| 80,0                           | 31,9                    | 84,1                     | 4 900                                                                     | 23 400*                                 | 36,6                    | 88,1                     | 3 100                                                                     | 24 100                                  | 40,6                    | 91,0                     | 1 200                                                                     | 22 500                                  | 80,0                           |
| 82,0                           | 29,0                    | 80,6                     | 4 400                                                                     | 22 200*                                 | 34,0                    | 85,2                     | 2 600                                                                     | 23 100                                  | 38,3                    | 88,5                     | 800                                                                       | 21 600                                  | 82,0                           |
| 84,0                           | 25,7                    | 76,6                     | 3 900                                                                     | 21 100*                                 | 31,2                    | 82,0                     | 2 200                                                                     | 22 200                                  | 35,8                    | 85,8                     |                                                                           | 20 700                                  | 84,0                           |
| 86,0                           | 22,0                    | 72,0                     | 3 500                                                                     | 20 100*                                 | 28,2                    | 78,5                     | 1 800                                                                     | 21 400                                  | 33,2                    | 82,8                     |                                                                           | 19 900                                  | 86,0                           |
| 88,0                           | 17,6                    | 66,2                     | 3 000                                                                     | 19 000*                                 | 24,9                    | 74,3                     | 1 300                                                                     | 20 500                                  | 30,4                    | 79,5                     |                                                                           | 19 100                                  | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         | 21,0                    | 69,5                     | 1 000                                                                     | 19 700                                  | 27,2                    | 75,8                     |                                                                           | 18 400                                  | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         | 16,3                    | 63,4                     |                                                                           | 18 900*                                 | 23,8                    | 71,5                     |                                                                           | 17 600                                  | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         | 9,3                     | 54,1                     |                                                                           | 17 800*                                 | 19,7                    | 66,3                     |                                                                           | 16 900                                  | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,5                    | 59,6                     |                                                                           | 16 200                                  | 96,0                           |

# Liftcrane Luffing Jib Capacities

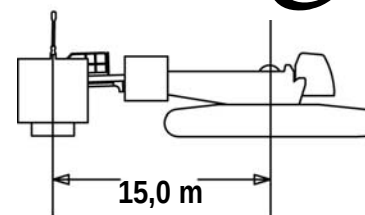
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

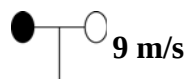
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 41,1                           | 65,3                    | 121,0                    | 32 100                                                                    | 37 300*                                 | 67,0                    | 121,7                    | 29 700                                                                    | 37 000*                                 |                         |                          |                                                                           |                                         | 41,1                           |
| 42,0                           | 64,7                    | 120,6                    | 31 100                                                                    | 37 100*                                 | 66,4                    | 121,3                    | 28 700                                                                    | 36 800*                                 |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 63,2                    | 119,6                    | 28 900                                                                    | 36 700*                                 | 64,9                    | 120,4                    | 26 600                                                                    | 36 500*                                 | 66,5                    | 121,1                    | 24 400                                                                    | 35 500*                                 | 44,0                           |
| 46,0                           | 61,6                    | 118,5                    | 26 900                                                                    | 36 300*                                 | 63,3                    | 119,4                    | 24 700                                                                    | 36 100*                                 | 65,0                    | 120,1                    | 22 600                                                                    | 35 200*                                 | 46,0                           |
| 48,0                           | 60,1                    | 117,4                    | 25 100                                                                    | 35 600*                                 | 61,8                    | 118,4                    | 23 000                                                                    | 35 700*                                 | 63,5                    | 119,1                    | 20 900                                                                    | 35 000*                                 | 48,0                           |
| 50,0                           | 58,5                    | 116,2                    | 23 400                                                                    | 34 300*                                 | 60,2                    | 117,2                    | 21 400                                                                    | 35 300*                                 | 61,9                    | 118,1                    | 19 400                                                                    | 34 700*                                 | 50,0                           |
| 52,0                           | 56,8                    | 114,8                    | 21 800                                                                    | 33 000*                                 | 58,6                    | 116,0                    | 19 900                                                                    | 35 000*                                 | 60,4                    | 117,0                    | 18 000                                                                    | 34 400*                                 | 52,0                           |
| 54,0                           | 55,2                    | 113,5                    | 20 400                                                                    | 31 800*                                 | 57,0                    | 114,7                    | 18 600                                                                    | 34 600*                                 | 58,8                    | 115,8                    | 16 800                                                                    | 34 200*                                 | 54,0                           |
| 56,0                           | 53,5                    | 112,0                    | 19 100                                                                    | 30 500*                                 | 55,4                    | 113,4                    | 17 300                                                                    | 34 300*                                 | 57,2                    | 114,5                    | 15 600                                                                    | 33 900*                                 | 56,0                           |
| 58,0                           | 51,8                    | 110,5                    | 17 900                                                                    | 29 300*                                 | 53,7                    | 111,9                    | 16 100                                                                    | 34 000*                                 | 55,5                    | 113,1                    | 14 500                                                                    | 33 600*                                 | 58,0                           |
| 60,0                           | 50,0                    | 108,8                    | 16 700                                                                    | 28 200*                                 | 51,9                    | 110,4                    | 15 100                                                                    | 33 100*                                 | 53,8                    | 111,7                    | 13 500                                                                    | 33 400*                                 | 60,0                           |
| 62,0                           | 48,2                    | 107,0                    | 15 600                                                                    | 27 100*                                 | 50,2                    | 108,7                    | 14 100                                                                    | 31 300*                                 | 52,1                    | 110,1                    | 12 500                                                                    | 33 000*                                 | 62,0                           |
| 64,0                           | 46,3                    | 105,2                    | 14 600                                                                    | 26 000*                                 | 48,4                    | 107,0                    | 13 100                                                                    | 29 600*                                 | 50,4                    | 108,5                    | 11 600                                                                    | 31 600*                                 | 64,0                           |
| 66,0                           | 44,4                    | 103,1                    | 13 700                                                                    | 24 900*                                 | 46,5                    | 105,1                    | 12 200                                                                    | 28 100*                                 | 48,5                    | 106,8                    | 10 800                                                                    | 29 900*                                 | 66,0                           |
| 68,0                           | 42,4                    | 101,0                    | 12 800                                                                    | 23 900*                                 | 44,6                    | 103,1                    | 11 400                                                                    | 26 600*                                 | 46,7                    | 104,9                    | 10 000                                                                    | 28 300*                                 | 68,0                           |
| 70,0                           | 40,3                    | 98,7                     | 12 000                                                                    | 23 000*                                 | 42,6                    | 100,9                    | 10 600                                                                    | 25 200*                                 | 44,8                    | 102,9                    | 9 200                                                                     | 26 800*                                 | 70,0                           |
| 72,0                           | 38,1                    | 96,2                     | 11 200                                                                    | 22 100*                                 | 40,5                    | 98,6                     | 9 900                                                                     | 23 900*                                 | 42,8                    | 100,8                    | 8 500                                                                     | 25 400*                                 | 72,0                           |
| 74,0                           | 35,8                    | 93,4                     | 10 400                                                                    | 21 300*                                 | 38,3                    | 96,2                     | 9 200                                                                     | 22 700*                                 | 40,7                    | 98,5                     | 7 900                                                                     | 24 100*                                 | 74,0                           |
| 76,0                           | 33,3                    | 90,5                     | 9 700                                                                     | 20 200*                                 | 36,0                    | 93,5                     | 8 500                                                                     | 21 500*                                 | 38,5                    | 96,0                     | 7 200                                                                     | 22 800*                                 | 76,0                           |
| 78,0                           | 30,7                    | 87,2                     | 9 100                                                                     | 19 200*                                 | 33,6                    | 90,5                     | 7 800                                                                     | 20 400*                                 | 36,3                    | 93,4                     | 6 600                                                                     | 21 700*                                 | 78,0                           |
| 80,0                           | 27,9                    | 83,6                     | 8 400                                                                     | 18 200*                                 | 31,0                    | 87,3                     | 7 300                                                                     | 19 400*                                 | 33,8                    | 90,5                     | 6 100                                                                     | 20 600*                                 | 80,0                           |
| 82,0                           | 24,8                    | 79,4                     | 7 800                                                                     | 17 200*                                 | 28,2                    | 83,7                     | 6 700                                                                     | 18 400*                                 | 31,3                    | 87,3                     | 5 500                                                                     | 19 600*                                 | 82,0                           |
| 84,0                           | 21,2                    | 74,6                     | 7 200                                                                     | 16 300*                                 | 25,1                    | 79,6                     | 6 100                                                                     | 17 400*                                 | 28,5                    | 83,7                     | 5 000                                                                     | 18 500*                                 | 84,0                           |
| 86,0                           | 16,9                    | 68,6                     | 6 600                                                                     | 14 500*                                 | 21,6                    | 74,9                     | 5 600                                                                     | 16 500*                                 | 25,4                    | 79,7                     | 4 500                                                                     | 17 600*                                 | 86,0                           |
| 88,0                           | 11,0                    | 60,2                     | 6 100                                                                     | 12 300*                                 | 17,4                    | 69,1                     | 5 000                                                                     | 15 300*                                 | 21,9                    | 75,0                     | 4 000                                                                     | 16 700*                                 | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         | 11,8                    | 61,0                     | 4 500                                                                     | 13 300*                                 | 17,8                    | 69,3                     | 3 500                                                                     | 15 700*                                 | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 12,4                    | 61,6                     | 3 000                                                                     | 14 200*                                 | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 102,0                          |

# Liftcrane Luffing Jib Capacities

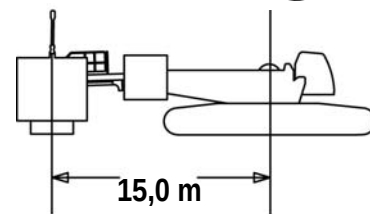
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

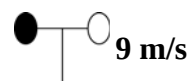
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

42,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 41,1                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 41,1                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 61,6                    | 117,0                    | 13 800                                                                    | 32 200*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 60,1                    | 115,8                    | 12 700                                                                    | 32 100*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 58,5                    | 114,6                    | 11 700                                                                    | 32 000*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 56,8                    | 113,3                    | 10 800                                                                    | 31 900*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 55,2                    | 112,0                    | 9 900                                                                     | 31 800*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           | 53,5                    | 110,5                    | 9 100                                                                     | 31 700*                                 | 56,4                    | 111,8                    | 6 700                                                                     | 29 300*                                 |                         |                          |                                                                           |                                         | 64,0                           |
| 66,0                           | 51,8                    | 108,9                    | 8 400                                                                     | 31 500*                                 | 54,8                    | 110,4                    | 6 000                                                                     | 29 300*                                 |                         |                          |                                                                           |                                         | 66,0                           |
| 68,0                           | 50,0                    | 107,3                    | 7 600                                                                     | 31 100*                                 | 53,1                    | 108,9                    | 5 400                                                                     | 29 300*                                 |                         |                          |                                                                           |                                         | 68,0                           |
| 70,0                           | 48,2                    | 105,5                    | 7 000                                                                     | 29 600*                                 | 51,3                    | 107,3                    | 4 700                                                                     | 28 800                                  |                         |                          |                                                                           |                                         | 70,0                           |
| 72,0                           | 46,3                    | 103,6                    | 6 400                                                                     | 28 100*                                 | 49,6                    | 105,7                    | 4 200                                                                     | 27 600                                  | 52,5                    | 107,0                    | 2 100                                                                     | 25 800                                  | 72,0                           |
| 74,0                           | 44,4                    | 101,6                    | 5 700                                                                     | 26 600*                                 | 47,7                    | 103,9                    | 3 700                                                                     | 26 400                                  | 50,8                    | 105,4                    | 1 600                                                                     | 24 700                                  | 74,0                           |
| 76,0                           | 42,4                    | 99,5                     | 5 200                                                                     | 25 200*                                 | 45,8                    | 102,0                    | 3 100                                                                     | 25 300                                  | 49,0                    | 103,7                    | 1 200                                                                     | 23 600                                  | 76,0                           |
| 78,0                           | 40,3                    | 97,1                     | 4 600                                                                     | 24 000*                                 | 43,9                    | 99,9                     | 2 700                                                                     | 24 300                                  | 47,1                    | 101,8                    |                                                                           | 22 600                                  | 78,0                           |
| 80,0                           | 38,1                    | 94,6                     | 4 100                                                                     | 22 700*                                 | 41,8                    | 97,7                     | 2 200                                                                     | 23 300                                  | 45,2                    | 99,9                     |                                                                           | 21 700                                  | 80,0                           |
| 82,0                           | 35,8                    | 91,9                     | 3 600                                                                     | 21 600*                                 | 39,7                    | 95,3                     | 1 700                                                                     | 22 400                                  | 43,3                    | 97,8                     |                                                                           | 20 800                                  | 82,0                           |
| 84,0                           | 33,3                    | 89,0                     | 3 200                                                                     | 20 500*                                 | 37,5                    | 92,8                     | 1 300                                                                     | 21 500                                  | 41,2                    | 95,5                     |                                                                           | 19 900                                  | 84,0                           |
| 86,0                           | 30,7                    | 85,7                     | 2 700                                                                     | 19 400*                                 | 35,2                    | 90,0                     | 1 000                                                                     | 20 600                                  | 39,1                    | 93,1                     |                                                                           | 19 100                                  | 86,0                           |
| 88,0                           | 27,9                    | 82,1                     | 2 300                                                                     | 18 500*                                 | 32,7                    | 87,0                     |                                                                           | 19 800                                  | 36,8                    | 90,5                     |                                                                           | 18 300                                  | 88,0                           |
| 90,0                           | 24,8                    | 77,9                     | 1 800                                                                     | 17 500*                                 | 30,1                    | 83,7                     |                                                                           | 19 000                                  | 34,5                    | 87,7                     |                                                                           | 17 600                                  | 90,0                           |
| 92,0                           | 21,2                    | 73,1                     | 1 400                                                                     | 16 600*                                 | 27,2                    | 79,9                     |                                                                           | 18 200                                  | 31,9                    | 84,5                     |                                                                           | 16 900                                  | 92,0                           |
| 94,0                           | 16,9                    | 67,1                     | 1 000                                                                     | 15 700*                                 | 23,9                    | 75,6                     |                                                                           | 17 400*                                 | 29,2                    | 81,1                     |                                                                           | 16 200                                  | 94,0                           |
| 96,0                           | 11,0                    | 58,7                     | 600                                                                       | 14 800*                                 | 20,2                    | 70,6                     |                                                                           | 16 500*                                 | 26,2                    | 77,2                     |                                                                           | 15 600                                  | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         | 15,7                    | 64,2                     |                                                                           | 15 600*                                 | 22,9                    | 72,7                     |                                                                           | 14 900                                  | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         | 9,0                     | 54,6                     |                                                                           | 14 600*                                 | 18,9                    | 67,3                     |                                                                           | 14 300                                  | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,0                    | 60,3                     |                                                                           | 13 700                                  | 102,0                          |

# Liftcrane Luffing Jib Capacities

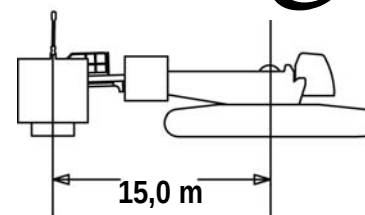
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

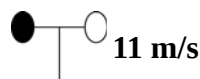
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

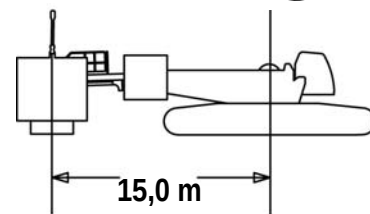
48,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 13,7                           | 72,7                    | 73,6                     | 147 800                                                                   | 175 900*c                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 13,7                           |
| 14,0                           | 71,9                    | 73,5                     | 144 400                                                                   | 173 200*c                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,0                           |
| 16,0                           | 66,8                    | 72,7                     | 121 900                                                                   | 154 100*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,0                           |
| 18,0                           | 61,4                    | 71,6                     | 105 400                                                                   | 135 300*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           | 55,7                    | 70,3                     | 92 600                                                                    | 121 600*                                | 62,8                    | 71,7                     | 87 600                                                                    | 159 900*b                               |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           | 49,5                    | 68,7                     | 82 300                                                                    | 110 900*                                | 57,2                    | 70,4                     | 77 900                                                                    | 141 000*b                               | 64,2                    | 71,5                     | 73 700                                                                    | 146 400b                                | 22,0                           |
| 24,0                           | 42,6                    | 66,6                     | 73 900                                                                    | 102 700*                                | 51,2                    | 68,9                     | 70 000                                                                    | 127 200*                                | 58,6                    | 70,3                     | 66 000                                                                    | 134 400b                                | 24,0                           |
| 26,0                           | 34,7                    | 64,0                     | 66 800                                                                    | 96 500*                                 | 44,5                    | 66,9                     | 63 300                                                                    | 116 500*                                | 52,7                    | 68,9                     | 59 700                                                                    | 124 400                                 | 26,0                           |
| 28,0                           | 24,4                    | 60,1                     | 60 800                                                                    | 91 300*                                 | 36,9                    | 64,4                     | 57 700                                                                    | 108 400*                                | 46,3                    | 67,0                     | 54 400                                                                    | 114 800*                                | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         | 27,4                    | 61,0                     | 52 700                                                                    | 101 600*                                | 38,9                    | 64,7                     | 49 800                                                                    | 106 500*                                | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         | 11,6                    | 54,7                     | 48 200                                                                    | 81 100*                                 | 30,1                    | 61,6                     | 45 700                                                                    | 99 200*                                 | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |

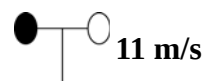
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 13,7                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 13,7                           |
| 14,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,0                           |
| 16,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,0                           |
| 18,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           | 59,0                    | 69,4                     | 48 900                                                                    | 110 500b                                |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           | 53,1                    | 67,9                     | 44 700                                                                    | 102 900                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 46,6                    | 66,2                     | 41 100                                                                    | 95 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 39,4                    | 63,9                     | 37 900                                                                    | 88 700                                  | 53,1                    | 66,6                     | 33 600                                                                    | 84 900                                  |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 30,6                    | 60,8                     | 35 000                                                                    | 82 700                                  | 46,7                    | 64,8                     | 31 000                                                                    | 79 100                                  |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 18,1                    | 56,0                     | 32 400                                                                    | 77 200                                  | 39,4                    | 62,5                     | 28 800                                                                    | 74 000                                  |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         | 30,7                    | 59,5                     | 26 700                                                                    | 69 400                                  | 46,2                    | 63,0                     | 23 200                                                                    | 66 400                                  | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         | 18,2                    | 54,6                     | 24 700                                                                    | 65 200                                  | 38,9                    | 60,7                     | 21 500                                                                    | 62 500                                  | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                    | 57,5                     | 20 000                                                                    | 58 900                                  | 44,0                           |

# Liftcrane Luffing Jib Capacities

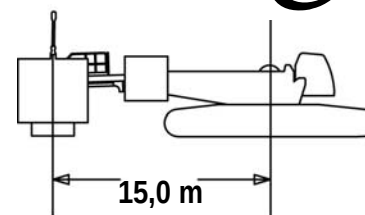
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

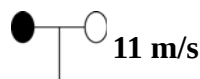
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 15,2                           | 73,2                    | 79,4                     | 129 700                                                                   | 155 600*c                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,2                           |
| 16,0                           | 71,7                    | 79,2                     | 122 500                                                                   | 151 000*c                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,0                           |
| 18,0                           | 67,5                    | 78,4                     | 105 400                                                                   | 135 800*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           | 63,3                    | 77,4                     | 92 600                                                                    | 120 600*b                               | 68,6                    | 78,3                     | 87 500                                                                    | 149 400*b                               |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           | 58,9                    | 76,2                     | 82 300                                                                    | 109 200*                                | 64,4                    | 77,4                     | 77 700                                                                    | 142 100*b                               |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           | 54,2                    | 74,8                     | 73 900                                                                    | 100 100*                                | 60,0                    | 76,3                     | 69 800                                                                    | 129 600*                                | 65,5                    | 77,2                     | 65 700                                                                    | 131 200b                                | 24,0                           |
| 26,0                           | 49,2                    | 73,2                     | 66 900                                                                    | 92 800*                                 | 55,4                    | 74,9                     | 63 200                                                                    | 116 800*                                | 61,2                    | 76,1                     | 59 400                                                                    | 121 400                                 | 26,0                           |
| 28,0                           | 43,8                    | 71,2                     | 61 000                                                                    | 86 800*                                 | 50,6                    | 73,3                     | 57 500                                                                    | 107 200*                                | 56,6                    | 74,9                     | 54 100                                                                    | 113 000                                 | 28,0                           |
| 30,0                           | 37,8                    | 68,7                     | 55 900                                                                    | 82 200*                                 | 45,3                    | 71,4                     | 52 700                                                                    | 99 500*                                 | 51,8                    | 73,3                     | 49 500                                                                    | 105 600                                 | 30,0                           |
| 32,0                           | 30,7                    | 65,6                     | 51 400                                                                    | 78 700*                                 | 39,5                    | 69,1                     | 48 500                                                                    | 93 300*                                 | 46,7                    | 71,5                     | 45 600                                                                    | 98 900                                  | 32,0                           |
| 34,0                           | 21,6                    | 61,2                     | 47 400                                                                    | 74 900*                                 | 32,7                    | 66,2                     | 44 800                                                                    | 86 900*                                 | 41,0                    | 69,3                     | 42 100                                                                    | 92 400                                  | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         | 24,3                    | 62,3                     | 41 500                                                                    | 79 000*                                 | 34,5                    | 66,6                     | 39 000                                                                    | 86 100                                  | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         | 10,2                    | 55,2                     | 38 300                                                                    | 65 100*                                 | 26,7                    | 63,0                     | 36 200                                                                    | 80 500                                  | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

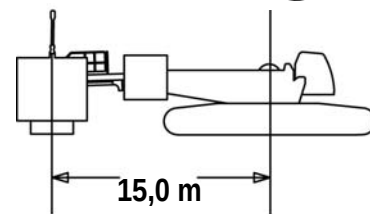
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

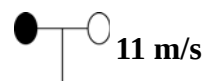
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 15,2                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,2                           |
| 16,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,0                           |
| 18,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 56,9                    | 73,9                     | 40 600                                                                    | 94 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 52,1                    | 72,4                     | 37 500                                                                    | 88 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 47,0                    | 70,6                     | 34 700                                                                    | 82 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 41,3                    | 68,5                     | 32 300                                                                    | 77 000                                  | 52,1                    | 71,1                     | 28 300                                                                    | 73 500                                  |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 34,9                    | 65,8                     | 30 000                                                                    | 72 300                                  | 47,0                    | 69,3                     | 26 300                                                                    | 69 000                                  |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 27,2                    | 62,2                     | 27 900                                                                    | 68 000                                  | 41,3                    | 67,1                     | 24 500                                                                    | 65 000                                  |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 16,0                    | 56,8                     | 26 000                                                                    | 64 100                                  | 34,9                    | 64,4                     | 22 800                                                                    | 61 300                                  | 46,6                    | 67,5                     | 19 500                                                                    | 58 400                                  | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         | 27,2                    | 60,9                     | 21 300                                                                    | 58 000                                  | 41,0                    | 65,3                     | 18 200                                                                    | 55 300                                  | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         | 16,1                    | 55,5                     | 19 800                                                                    | 54 800                                  | 34,5                    | 62,5                     | 17 000                                                                    | 52 400                                  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,6                    | 59,0                     | 15 800                                                                    | 49 700                                  | 50,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

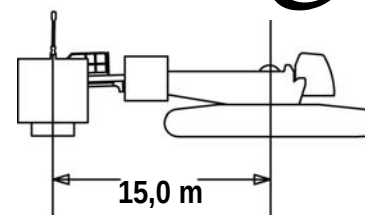
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

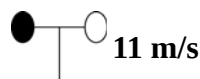
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 16,8                           | 73,6                    | 85,2                            | 115 000                                                                   | 138 700*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,8                           |
| 18,0                           | 71,5                    | 84,8                            | 105 400                                                                   | 134 800*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,0                           |
| 20,0                           | 68,1                    | 84,0                            | 92 200                                                                    | 120 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           | 64,5                    | 83,1                            | 81 900                                                                    | 108 700*                                | 69,0                    | 84,0                            | 77 300                                                                    | 132 800*b                               |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 60,9                    | 82,0                            | 73 500                                                                    | 99 100*                                 | 65,5                    | 83,1                            | 69 200                                                                    | 127 700*                                |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 57,2                    | 80,8                            | 66 600                                                                    | 91 200*                                 | 61,9                    | 82,0                            | 62 600                                                                    | 119 500*                                | 66,4                    | 82,9                            | 58 700                                                                    | 118 300                                 | 26,0                           |
| 28,0                           | 53,2                    | 79,3                            | 60 600                                                                    | 84 800*                                 | 58,2                    | 80,8                            | 57 000                                                                    | 108 400*                                | 62,8                    | 81,9                            | 53 400                                                                    | 110 100                                 | 28,0                           |
| 30,0                           | 49,1                    | 77,6                            | 55 500                                                                    | 79 500*                                 | 54,3                    | 79,4                            | 52 200                                                                    | 99 600*                                 | 59,1                    | 80,7                            | 48 900                                                                    | 102 900                                 | 30,0                           |
| 32,0                           | 44,6                    | 75,7                            | 51 100                                                                    | 75 000*                                 | 50,2                    | 77,8                            | 48 000                                                                    | 92 500*                                 | 55,3                    | 79,4                            | 45 000                                                                    | 96 600                                  | 32,0                           |
| 34,0                           | 39,7                    | 73,4                            | 47 200                                                                    | 71 400*                                 | 45,8                    | 75,9                            | 44 400                                                                    | 86 500*                                 | 51,2                    | 77,8                            | 41 500                                                                    | 90 900                                  | 34,0                           |
| 36,0                           | 34,3                    | 70,6                            | 43 800                                                                    | 67 900*                                 | 41,1                    | 73,7                            | 41 100                                                                    | 80 500*                                 | 46,9                    | 76,0                            | 38 500                                                                    | 85 600                                  | 36,0                           |
| 38,0                           | 27,9                    | 67,1                            | 40 700                                                                    | 63 300*                                 | 35,8                    | 71,1                            | 38 300                                                                    | 74 000*                                 | 42,3                    | 73,9                            | 35 700                                                                    | 80 000                                  | 38,0                           |
| 40,0                           | 19,6                    | 62,2                            | 37 900                                                                    | 58 900*                                 | 29,7                    | 67,8                            | 35 600                                                                    | 68 300*                                 | 37,2                    | 71,4                            | 33 300                                                                    | 75 100                                  | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         | 22,0                    | 63,4                            | 33 200                                                                    | 62 900*                                 | 31,3                    | 68,3                            | 31 100                                                                    | 70 000*                                 | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         | 9,2                     | 55,6                            | 30 900                                                                    | 52 200*                                 | 24,2                    | 64,3                            | 29 000                                                                    | 64 700*                                 | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |

# Liftcrane Luffing Jib Capacities

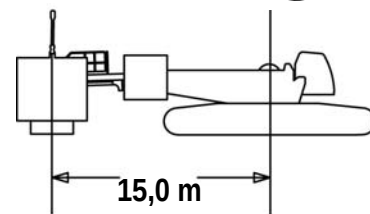
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

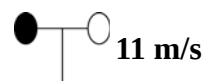
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 16,8                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,8                           |
| 18,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 63,0                    | 80,9                            | 39 800                                                                    | 91 900                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 59,3                    | 79,8                            | 36 700                                                                    | 86 500                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 55,5                    | 78,5                            | 34 000                                                                    | 81 500                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 51,4                    | 76,9                            | 31 500                                                                    | 76 300                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 47,2                    | 75,1                            | 29 400                                                                    | 71 600                                  | 55,5                    | 77,1                            | 25 400                                                                    | 68 200                                  |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 42,6                    | 73,0                            | 27 300                                                                    | 67 400                                  | 51,5                    | 75,6                            | 23 600                                                                    | 64 200                                  |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 37,5                    | 70,5                            | 25 600                                                                    | 63 600                                  | 47,2                    | 73,8                            | 22 100                                                                    | 60 600                                  |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 31,7                    | 67,5                            | 23 900                                                                    | 60 200                                  | 42,6                    | 71,7                            | 20 600                                                                    | 57 300                                  | 51,2                    | 73,8                            | 17 300                                                                    | 54 400                                  | 46,0                           |
| 48,0                           | 24,6                    | 63,5                            | 22 300                                                                    | 57 000                                  | 37,5                    | 69,2                            | 19 200                                                                    | 54 300                                  | 46,9                    | 72,0                            | 16 100                                                                    | 51 600                                  | 48,0                           |
| 50,0                           | 14,5                    | 57,5                            | 20 800                                                                    | 54 100                                  | 31,7                    | 66,1                            | 18 000                                                                    | 51 500                                  | 42,3                    | 69,8                            | 15 000                                                                    | 48 900                                  | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         | 24,7                    | 62,2                            | 16 800                                                                    | 49 000                                  | 37,1                    | 67,3                            | 14 000                                                                    | 46 500                                  | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 14,5                    | 56,2                            | 15 600                                                                    | 46 600                                  | 31,3                    | 64,2                            | 13 000                                                                    | 44 300                                  | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,2                    | 60,2                            | 12 100                                                                    | 42 200                                  | 56,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

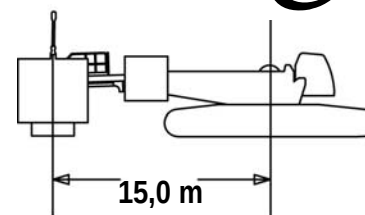
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

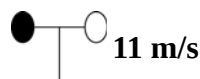
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 18,3                           | 73,8                    | 91,1                            | 103 000                                                                   | 123 700*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,3                           |
| 20,0                           | 71,3                    | 90,5                            | 92 000                                                                    | 119 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           | 68,4                    | 89,7                            | 81 600                                                                    | 110 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 65,4                    | 88,8                            | 73 200                                                                    | 99 400*                                 | 69,2                    | 89,6                            | 68 900                                                                    | 118 300*                                |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 62,4                    | 87,8                            | 66 200                                                                    | 91 100*                                 | 66,2                    | 88,8                            | 62 200                                                                    | 114 300*                                |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 59,2                    | 86,6                            | 60 300                                                                    | 84 200*                                 | 63,2                    | 87,8                            | 56 600                                                                    | 110 000*                                | 67,0                    | 88,6                            | 52 900                                                                    | 107 600                                 | 28,0                           |
| 30,0                           | 55,9                    | 85,3                            | 55 200                                                                    | 78 500*                                 | 60,0                    | 86,7                            | 51 800                                                                    | 102 300*                                | 63,9                    | 87,6                            | 48 300                                                                    | 100 500                                 | 30,0                           |
| 32,0                           | 52,5                    | 83,8                            | 50 800                                                                    | 73 700*                                 | 56,8                    | 85,4                            | 47 600                                                                    | 93 800*                                 | 60,8                    | 86,5                            | 44 400                                                                    | 94 400                                  | 32,0                           |
| 34,0                           | 48,9                    | 82,1                            | 46 900                                                                    | 69 600*                                 | 53,4                    | 83,9                            | 43 900                                                                    | 87 100*                                 | 57,6                    | 85,3                            | 41 000                                                                    | 88 800                                  | 34,0                           |
| 36,0                           | 45,1                    | 80,2                            | 43 500                                                                    | 65 900*                                 | 49,9                    | 82,3                            | 40 800                                                                    | 80 900*                                 | 54,3                    | 83,9                            | 38 000                                                                    | 83 900                                  | 36,0                           |
| 38,0                           | 41,1                    | 77,9                            | 40 500                                                                    | 61 200*                                 | 46,2                    | 80,4                            | 37 900                                                                    | 74 400*                                 | 50,8                    | 82,3                            | 35 300                                                                    | 79 500                                  | 38,0                           |
| 40,0                           | 36,6                    | 75,4                            | 37 800                                                                    | 56 800*                                 | 42,2                    | 78,3                            | 35 300                                                                    | 68 900*                                 | 47,1                    | 80,5                            | 32 900                                                                    | 74 600                                  | 40,0                           |
| 42,0                           | 31,6                    | 72,3                            | 35 300                                                                    | 52 900*                                 | 37,8                    | 75,8                            | 33 000                                                                    | 64 000*                                 | 43,2                    | 78,4                            | 30 700                                                                    | 70 100                                  | 42,0                           |
| 44,0                           | 25,7                    | 68,4                            | 33 000                                                                    | 49 700*                                 | 33,0                    | 72,8                            | 30 900                                                                    | 59 600*                                 | 38,9                    | 76,0                            | 28 700                                                                    | 65 400*                                 | 44,0                           |
| 46,0                           | 18,0                    | 63,2                            | 30 900                                                                    | 46 900*                                 | 27,4                    | 69,3                            | 28 900                                                                    | 55 700*                                 | 34,2                    | 73,2                            | 26 900                                                                    | 60 900*                                 | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 20,3                    | 64,5                            | 27 100                                                                    | 51 500*                                 | 28,9                    | 69,8                            | 25 200                                                                    | 56 800*                                 | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 8,4                     | 56,0                            | 25 300                                                                    | 42 700*                                 | 22,3                    | 65,4                            | 23 600                                                                    | 53 100*                                 | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

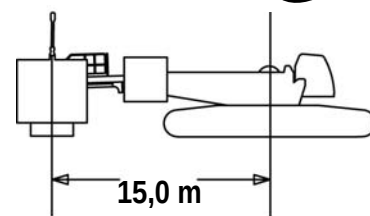
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

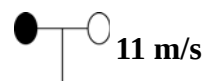
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 18,3                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,3                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 61,0                    | 85,6                     | 33 400                                                                    | 79 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 57,8                    | 84,4                     | 30 900                                                                    | 75 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 54,5                    | 83,0                     | 28 700                                                                    | 71 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 51,0                    | 81,4                     | 26 800                                                                    | 66 900                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 47,3                    | 79,6                     | 25 000                                                                    | 63 100                                  | 54,5                    | 81,6                     | 21 400                                                                    | 59 900                                  |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 43,4                    | 77,5                     | 23 400                                                                    | 59 700                                  | 51,0                    | 80,0                     | 19 900                                                                    | 56 700                                  |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 39,2                    | 75,2                     | 21 900                                                                    | 56 600                                  | 47,3                    | 78,2                     | 18 600                                                                    | 53 700                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 34,5                    | 72,4                     | 20 500                                                                    | 53 700                                  | 43,4                    | 76,2                     | 17 400                                                                    | 51 000                                  | 50,8                    | 78,2                     | 14 300                                                                    | 48 300                                  | 50,0                           |
| 52,0                           | 29,2                    | 69,0                     | 19 200                                                                    | 51 100                                  | 39,2                    | 73,8                     | 16 300                                                                    | 48 500                                  | 47,1                    | 76,4                     | 13 300                                                                    | 45 900                                  | 52,0                           |
| 54,0                           | 22,7                    | 64,7                     | 18 000                                                                    | 48 600                                  | 34,5                    | 71,1                     | 15 200                                                                    | 46 200                                  | 43,2                    | 74,4                     | 12 400                                                                    | 43 700                                  | 54,0                           |
| 56,0                           | 13,3                    | 58,2                     | 16 800                                                                    | 46 300                                  | 29,2                    | 67,7                     | 14 200                                                                    | 44 000                                  | 38,9                    | 72,0                     | 11 500                                                                    | 41 700                                  | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         | 22,7                    | 63,4                     | 13 200                                                                    | 42 000                                  | 34,2                    | 69,2                     | 10 700                                                                    | 39 800                                  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,8                    | 65,8                     | 9 900                                                                     | 38 100                                  | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,3                    | 61,4                     | 9 200                                                                     | 36 400                                  | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 12,5                    | 54,5                     | 8 400                                                                     | 34 700                                  | 64,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

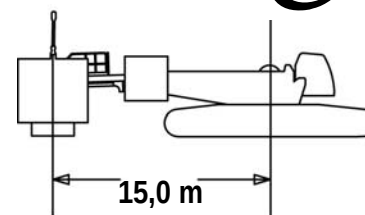
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

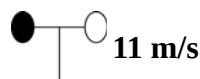
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 19,8                           | 74,0                    | 96,9                            | 92 800                                                                    | 106 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,8                           |
| 20,0                           | 73,8                    | 96,8                            | 91 700                                                                    | 106 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           | 71,2                    | 96,1                            | 81 200                                                                    | 101 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 68,7                    | 95,4                            | 72 700                                                                    | 96 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 66,1                    | 94,5                            | 65 700                                                                    | 91 200*                                 | 69,3                    | 95,3                            | 61 600                                                                    | 104 000*                                |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 63,4                    | 93,5                            | 59 700                                                                    | 84 200*                                 | 66,8                    | 94,4                            | 55 900                                                                    | 103 000*                                |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 60,7                    | 92,4                            | 54 600                                                                    | 78 100*                                 | 64,1                    | 93,5                            | 51 100                                                                    | 99 400*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 57,9                    | 91,2                            | 50 300                                                                    | 73 000*                                 | 61,4                    | 92,4                            | 46 900                                                                    | 94 400*                                 | 64,8                    | 93,3                            | 43 600                                                                    | 92 000                                  | 32,0                           |
| 34,0                           | 55,0                    | 89,8                            | 46 400                                                                    | 68 600*                                 | 58,6                    | 91,2                            | 43 300                                                                    | 88 000*                                 | 62,1                    | 92,3                            | 40 200                                                                    | 86 600                                  | 34,0                           |
| 36,0                           | 52,0                    | 88,3                            | 43 000                                                                    | 64 300*                                 | 55,8                    | 89,9                            | 40 100                                                                    | 80 500*                                 | 59,3                    | 91,1                            | 37 200                                                                    | 81 800                                  | 36,0                           |
| 38,0                           | 48,8                    | 86,6                            | 40 000                                                                    | 59 700*                                 | 52,8                    | 88,4                            | 37 200                                                                    | 74 300*                                 | 56,5                    | 89,8                            | 34 500                                                                    | 77 400                                  | 38,0                           |
| 40,0                           | 45,5                    | 84,7                            | 37 200                                                                    | 55 400*                                 | 49,7                    | 86,7                            | 34 700                                                                    | 68 700*                                 | 53,5                    | 88,4                            | 32 100                                                                    | 73 500                                  | 40,0                           |
| 42,0                           | 42,0                    | 82,5                            | 34 800                                                                    | 51 600*                                 | 46,4                    | 84,9                            | 32 400                                                                    | 63 900*                                 | 50,5                    | 86,8                            | 30 000                                                                    | 69 700                                  | 42,0                           |
| 44,0                           | 38,2                    | 80,0                            | 32 600                                                                    | 48 200*                                 | 43,0                    | 82,8                            | 30 300                                                                    | 59 500*                                 | 47,2                    | 84,9                            | 28 000                                                                    | 65 200                                  | 44,0                           |
| 46,0                           | 34,1                    | 77,2                            | 30 600                                                                    | 45 100*                                 | 39,3                    | 80,4                            | 28 400                                                                    | 55 700*                                 | 43,8                    | 82,9                            | 26 200                                                                    | 60 700*                                 | 46,0                           |
| 48,0                           | 29,4                    | 73,9                            | 28 700                                                                    | 42 400*                                 | 35,2                    | 77,7                            | 26 600                                                                    | 52 200*                                 | 40,2                    | 80,6                            | 24 600                                                                    | 56 700*                                 | 48,0                           |
| 50,0                           | 23,9                    | 69,7                            | 27 000                                                                    | 40 200*                                 | 30,7                    | 74,5                            | 25 000                                                                    | 49 000*                                 | 36,3                    | 78,0                            | 23 100                                                                    | 53 200*                                 | 50,0                           |
| 52,0                           | 16,8                    | 64,0                            | 25 300                                                                    | 38 400*                                 | 25,5                    | 70,6                            | 23 500                                                                    | 46 000*                                 | 31,9                    | 74,9                            | 21 600                                                                    | 49 900*                                 | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 18,9                    | 65,5                            | 22 100                                                                    | 42 800*                                 | 26,9                    | 71,2                            | 20 300                                                                    | 46 900*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,8                    | 66,5                            | 19 100                                                                    | 44 100*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

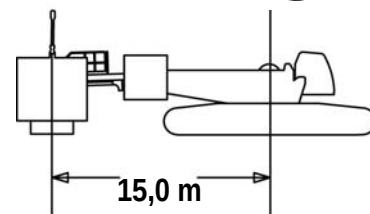
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

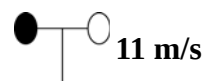
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 19,8                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,8                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 59,5                    | 90,2                     | 27 900                                                                    | 69 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 56,6                    | 88,9                     | 25 900                                                                    | 66 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 53,7                    | 87,5                     | 24 200                                                                    | 62 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 50,6                    | 85,8                     | 22 600                                                                    | 59 000                                  | 56,7                    | 87,6                     | 19 000                                                                    | 55 800                                  |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 47,4                    | 84,1                     | 21 100                                                                    | 55 800                                  | 53,7                    | 86,1                     | 17 700                                                                    | 52 900                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 44,0                    | 82,0                     | 19 800                                                                    | 53 000                                  | 50,6                    | 84,5                     | 16 500                                                                    | 50 200                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 40,4                    | 79,8                     | 18 500                                                                    | 50 400                                  | 47,4                    | 82,7                     | 15 400                                                                    | 47 700                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 36,5                    | 77,2                     | 17 400                                                                    | 48 000                                  | 44,1                    | 80,7                     | 14 400                                                                    | 45 400                                  | 50,5                    | 82,7                     | 11 400                                                                    | 42 900                                  | 54,0                           |
| 56,0                           | 32,2                    | 74,1                     | 16 300                                                                    | 45 800                                  | 40,4                    | 78,4                     | 13 400                                                                    | 43 300                                  | 47,2                    | 80,9                     | 10 600                                                                    | 40 900                                  | 56,0                           |
| 58,0                           | 27,2                    | 70,5                     | 15 200                                                                    | 43 700                                  | 36,5                    | 75,8                     | 12 500                                                                    | 41 300                                  | 43,8                    | 78,9                     | 9 800                                                                     | 39 000                                  | 58,0                           |
| 60,0                           | 21,1                    | 65,8                     | 14 300                                                                    | 41 800                                  | 32,2                    | 72,8                     | 11 700                                                                    | 39 500                                  | 40,2                    | 76,6                     | 9 100                                                                     | 37 300                                  | 60,0                           |
| 62,0                           | 12,4                    | 58,8                     | 13 300                                                                    | 39 900                                  | 27,2                    | 69,2                     | 10 900                                                                    | 37 800                                  | 36,3                    | 74,0                     | 8 400                                                                     | 35 600                                  | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         | 21,2                    | 64,5                     | 10 100                                                                    | 36 200                                  | 31,9                    | 70,9                     | 7 800                                                                     | 34 100                                  | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,9                    | 67,2                     | 7 100                                                                     | 32 700                                  | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,7                    | 62,5                     | 6 500                                                                     | 31 300                                  | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 11,6                    | 55,1                     | 5 800                                                                     | 30 000                                  | 70,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

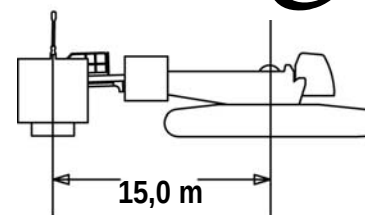
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

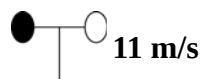
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

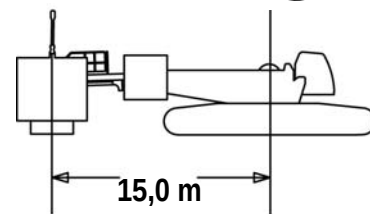
48,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 22,9                           | 72,4                    | 102,2                    | 77 000                                                                    | 88 300*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,9                           |
| 24,0                           | 71,2                    | 101,8                    | 72 400                                                                    | 86 300*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           | 68,9                    | 101,0                    | 65 200                                                                    | 82 600*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           | 66,6                    | 100,2                    | 59 300                                                                    | 78 700*                                 | 69,5                    | 101,0                    | 55 400                                                                    | 85 700*                                 |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           | 64,2                    | 99,2                     | 54 200                                                                    | 74 500*                                 | 67,2                    | 100,1                    | 50 500                                                                    | 85 700*                                 |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 61,8                    | 98,2                     | 49 800                                                                    | 70 200*                                 | 64,8                    | 99,2                     | 46 400                                                                    | 85 600*                                 | 67,8                    | 99,9                     | 43 000                                                                    | 81 700*                                 | 32,0                           |
| 34,0                           | 59,4                    | 97,0                     | 45 900                                                                    | 65 900*                                 | 62,5                    | 98,2                     | 42 800                                                                    | 82 300*                                 | 65,4                    | 99,0                     | 39 600                                                                    | 81 700*                                 | 34,0                           |
| 36,0                           | 56,9                    | 95,7                     | 42 500                                                                    | 61 800*                                 | 60,0                    | 97,0                     | 39 500                                                                    | 78 200*                                 | 63,1                    | 98,0                     | 36 600                                                                    | 79 800                                  | 36,0                           |
| 38,0                           | 54,3                    | 94,3                     | 39 500                                                                    | 57 800*                                 | 57,5                    | 95,8                     | 36 700                                                                    | 74 000*                                 | 60,6                    | 96,9                     | 33 900                                                                    | 75 700                                  | 38,0                           |
| 40,0                           | 51,6                    | 92,8                     | 36 700                                                                    | 54 100*                                 | 54,9                    | 94,4                     | 34 100                                                                    | 68 700*                                 | 58,2                    | 95,7                     | 31 500                                                                    | 71 800                                  | 40,0                           |
| 42,0                           | 48,8                    | 91,0                     | 34 300                                                                    | 50 600*                                 | 52,3                    | 92,9                     | 31 800                                                                    | 63 800*                                 | 55,6                    | 94,3                     | 29 400                                                                    | 68 300                                  | 42,0                           |
| 44,0                           | 45,8                    | 89,1                     | 32 100                                                                    | 47 300*                                 | 49,5                    | 91,2                     | 29 800                                                                    | 59 400*                                 | 53,0                    | 92,9                     | 27 400                                                                    | 65 000                                  | 44,0                           |
| 46,0                           | 42,8                    | 87,0                     | 30 100                                                                    | 44 300*                                 | 46,6                    | 89,4                     | 27 900                                                                    | 55 600*                                 | 50,2                    | 91,2                     | 25 600                                                                    | 60 600*                                 | 46,0                           |
| 48,0                           | 39,5                    | 84,7                     | 28 300                                                                    | 41 600*                                 | 43,6                    | 87,3                     | 26 100                                                                    | 52 100*                                 | 47,4                    | 89,4                     | 24 000                                                                    | 56 600*                                 | 48,0                           |
| 50,0                           | 35,9                    | 82,0                     | 26 600                                                                    | 39 100*                                 | 40,3                    | 85,0                     | 24 500                                                                    | 48 900*                                 | 44,4                    | 87,4                     | 22 500                                                                    | 53 000*                                 | 50,0                           |
| 52,0                           | 32,1                    | 78,9                     | 25 000                                                                    | 36 900*                                 | 36,9                    | 82,4                     | 23 100                                                                    | 46 100*                                 | 41,2                    | 85,2                     | 21 100                                                                    | 49 800*                                 | 52,0                           |
| 54,0                           | 27,7                    | 75,3                     | 23 600                                                                    | 35 000*                                 | 33,1                    | 79,5                     | 21 700                                                                    | 43 400*                                 | 37,8                    | 82,7                     | 19 900                                                                    | 46 800*                                 | 54,0                           |
| 56,0                           | 22,5                    | 70,9                     | 22 200                                                                    | 33 300*                                 | 28,9                    | 76,1                     | 20 400                                                                    | 40 900*                                 | 34,1                    | 79,8                     | 18 600                                                                    | 44 100*                                 | 56,0                           |
| 58,0                           | 15,8                    | 64,8                     | 20 800                                                                    | 32 100*                                 | 24,0                    | 71,9                     | 19 200                                                                    | 38 600*                                 | 30,0                    | 76,6                     | 17 500                                                                    | 41 600*                                 | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         | 17,8                    | 66,4                     | 18 100                                                                    | 36 000*                                 | 25,3                    | 72,6                     | 16 500                                                                    | 39 300*                                 | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,5                    | 67,5                     | 15 500                                                                    | 37 100*                                 | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 11,0                    | 59,7                     | 14 500                                                                    | 33 200*                                 | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 76,0                           |

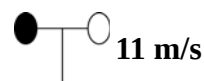
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 22,9                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,9                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 60,8                    | 96,0                     | 25 200                                                                    | 64 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 58,3                    | 94,8                     | 23 500                                                                    | 61 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 55,7                    | 93,4                     | 21 900                                                                    | 58 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 53,1                    | 91,9                     | 20 500                                                                    | 55 200                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 50,4                    | 90,3                     | 19 100                                                                    | 52 400                                  | 55,7                    | 92,1                     | 15 800                                                                    | 49 500                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 47,5                    | 88,5                     | 17 900                                                                    | 49 800                                  | 53,1                    | 90,6                     | 14 700                                                                    | 47 000                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 44,5                    | 86,6                     | 16 700                                                                    | 47 400                                  | 50,4                    | 89,0                     | 13 600                                                                    | 44 800                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 41,4                    | 84,3                     | 15 700                                                                    | 45 200                                  | 47,5                    | 87,2                     | 12 700                                                                    | 42 700                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 38,0                    | 81,8                     | 14 700                                                                    | 43 200                                  | 44,5                    | 85,2                     | 11 800                                                                    | 40 700                                  | 50,2                    | 87,2                     | 9 100                                                                     | 38 300                                  | 58,0                           |
| 60,0                           | 34,3                    | 79,0                     | 13 800                                                                    | 41 300                                  | 41,4                    | 83,0                     | 11 000                                                                    | 38 900                                  | 47,3                    | 85,4                     | 8 400                                                                     | 36 600                                  | 60,0                           |
| 62,0                           | 30,2                    | 75,8                     | 12 900                                                                    | 39 500                                  | 38,0                    | 80,5                     | 10 300                                                                    | 37 200                                  | 44,3                    | 83,4                     | 7 700                                                                     | 35 000                                  | 62,0                           |
| 64,0                           | 25,6                    | 71,8                     | 12 000                                                                    | 37 800                                  | 34,3                    | 77,7                     | 9 500                                                                     | 35 600                                  | 41,2                    | 81,2                     | 7 100                                                                     | 33 500                                  | 64,0                           |
| 66,0                           | 19,9                    | 66,9                     | 11 200                                                                    | 36 200                                  | 30,2                    | 74,4                     | 8 900                                                                     | 34 100                                  | 37,8                    | 78,7                     | 6 500                                                                     | 32 100                                  | 66,0                           |
| 68,0                           | 11,6                    | 59,3                     | 10 400                                                                    | 34 200                                  | 25,6                    | 70,5                     | 8 200                                                                     | 32 700                                  | 34,1                    | 75,8                     | 5 900                                                                     | 30 800                                  | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         | 19,9                    | 65,5                     | 7 600                                                                     | 31 400                                  | 30,0                    | 72,5                     | 5 300                                                                     | 29 500                                  | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 25,3                    | 68,5                     | 4 800                                                                     | 28 300                                  | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,5                    | 63,5                     | 4 300                                                                     | 27 100                                  | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 10,9                    | 55,7                     | 3 800                                                                     | 26 000                                  | 76,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

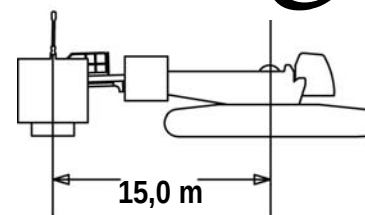
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

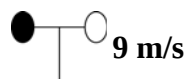
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

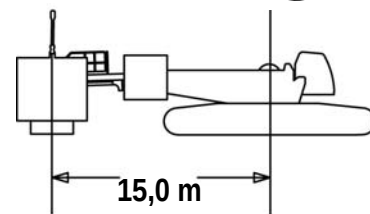
48,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 25,9                           | 71,2                    | 107,5                           | 65 000                                                                    | 73 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,9                           |
| 26,0                           | 71,1                    | 107,5                           | 64 700                                                                    | 73 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 69,1                    | 106,7                           | 58 700                                                                    | 71 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 67,0                    | 105,9                           | 53 600                                                                    | 68 000*                                 | 69,6                    | 106,6                           | 49 900                                                                    | 71 100*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 64,9                    | 104,9                           | 49 100                                                                    | 64 900*                                 | 67,5                    | 105,8                           | 45 700                                                                    | 71 100*                                 |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 62,7                    | 103,9                           | 45 300                                                                    | 61 600*                                 | 65,4                    | 104,9                           | 42 000                                                                    | 71 000*                                 |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 60,5                    | 102,8                           | 41 900                                                                    | 58 400*                                 | 63,3                    | 103,9                           | 38 800                                                                    | 70 200*                                 | 66,0                    | 104,7                           | 35 800                                                                    | 67 700*                                 | 36,0                           |
| 38,0                           | 58,3                    | 101,6                           | 38 800                                                                    | 55 100*                                 | 61,1                    | 102,8                           | 36 000                                                                    | 67 300*                                 | 63,8                    | 103,7                           | 33 100                                                                    | 67 700*                                 | 38,0                           |
| 40,0                           | 56,0                    | 100,3                           | 36 200                                                                    | 52 000*                                 | 58,9                    | 101,6                           | 33 400                                                                    | 64 100*                                 | 61,7                    | 102,7                           | 30 700                                                                    | 67 400*                                 | 40,0                           |
| 42,0                           | 53,7                    | 98,8                            | 33 700                                                                    | 48 900*                                 | 56,6                    | 100,3                           | 31 100                                                                    | 61 100*                                 | 59,5                    | 101,5                           | 28 600                                                                    | 65 400*                                 | 42,0                           |
| 44,0                           | 51,2                    | 97,2                            | 31 500                                                                    | 46 000*                                 | 54,3                    | 98,9                            | 29 100                                                                    | 58 200*                                 | 57,2                    | 100,2                           | 26 600                                                                    | 62 200*                                 | 44,0                           |
| 46,0                           | 48,7                    | 95,5                            | 29 500                                                                    | 43 300*                                 | 51,9                    | 97,4                            | 27 200                                                                    | 55 100*                                 | 54,9                    | 98,9                            | 24 800                                                                    | 59 300*                                 | 46,0                           |
| 48,0                           | 46,1                    | 93,6                            | 27 700                                                                    | 40 800*                                 | 49,4                    | 95,7                            | 25 400                                                                    | 51 600*                                 | 52,5                    | 97,3                            | 23 200                                                                    | 56 200*                                 | 48,0                           |
| 50,0                           | 43,3                    | 91,6                            | 26 000                                                                    | 38 400*                                 | 46,8                    | 93,8                            | 23 800                                                                    | 48 500*                                 | 50,0                    | 95,7                            | 21 700                                                                    | 52 600*                                 | 50,0                           |
| 52,0                           | 40,4                    | 89,2                            | 24 400                                                                    | 36 200*                                 | 44,1                    | 91,8                            | 22 400                                                                    | 45 600*                                 | 47,4                    | 93,9                            | 20 400                                                                    | 49 300*                                 | 52,0                           |
| 54,0                           | 37,3                    | 86,7                            | 23 000                                                                    | 34 200*                                 | 41,2                    | 89,6                            | 21 100                                                                    | 43 000*                                 | 44,8                    | 91,9                            | 19 100                                                                    | 46 400*                                 | 54,0                           |
| 56,0                           | 34,0                    | 83,8                            | 21 700                                                                    | 32 400*                                 | 38,2                    | 87,1                            | 19 800                                                                    | 40 500*                                 | 41,9                    | 89,7                            | 17 900                                                                    | 43 700*                                 | 56,0                           |
| 58,0                           | 30,3                    | 80,6                            | 20 400                                                                    | 30 800*                                 | 34,9                    | 84,3                            | 18 600                                                                    | 38 300*                                 | 38,9                    | 87,3                            | 16 800                                                                    | 41 300*                                 | 58,0                           |
| 60,0                           | 26,2                    | 76,7                            | 19 200                                                                    | 29 400*                                 | 31,3                    | 81,2                            | 17 500                                                                    | 36 300*                                 | 35,7                    | 84,6                            | 15 800                                                                    | 39 000*                                 | 60,0                           |
| 62,0                           | 21,3                    | 72,0                            | 18 100                                                                    | 28 200*                                 | 27,3                    | 77,5                            | 16 500                                                                    | 34 300*                                 | 32,3                    | 81,6                            | 14 900                                                                    | 36 800*                                 | 62,0                           |
| 64,0                           | 14,9                    | 65,6                            | 17 100                                                                    | 27 300*                                 | 22,7                    | 73,1                            | 15 500                                                                    | 32 500*                                 | 28,4                    | 78,1                            | 13 900                                                                    | 34 900*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 16,8                    | 67,2                            | 14 600                                                                    | 30 300*                                 | 23,9                    | 73,8                            | 13 100                                                                    | 33 000*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,5                    | 68,5                            | 12 300                                                                    | 31 300*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 10,4                    | 60,2                            | 11 400                                                                    | 27 900*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 82,0                           |

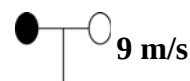
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 25,9                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 25,9                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 59,6                    | 100,6                    | 21 000                                                                    | 57 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 57,3                    | 99,3                     | 19 600                                                                    | 54 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 55,0                    | 97,9                     | 18 200                                                                    | 51 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 52,6                    | 96,4                     | 17 000                                                                    | 49 000                                  | 57,3                    | 98,0                     | 13 700                                                                    | 46 200                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 50,1                    | 94,8                     | 15 900                                                                    | 46 700                                  | 55,0                    | 96,6                     | 12 700                                                                    | 43 900                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 47,6                    | 93,0                     | 14 900                                                                    | 44 500                                  | 52,6                    | 95,1                     | 11 800                                                                    | 41 800                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 44,9                    | 91,0                     | 13 900                                                                    | 42 500                                  | 50,2                    | 93,5                     | 10 900                                                                    | 39 900                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 42,1                    | 88,9                     | 13 000                                                                    | 40 600                                  | 47,6                    | 91,7                     | 10 200                                                                    | 38 100                                  |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 39,1                    | 86,5                     | 12 100                                                                    | 38 800                                  | 44,9                    | 89,7                     | 9 400                                                                     | 36 400                                  | 50,0                    | 91,7                     | 6 700                                                                     | 34 200                                  | 62,0                           |
| 64,0                           | 35,9                    | 83,8                     | 11 300                                                                    | 37 100                                  | 42,1                    | 87,5                     | 8 700                                                                     | 34 900                                  | 47,4                    | 89,9                     | 6 100                                                                     | 32 700                                  | 64,0                           |
| 66,0                           | 32,5                    | 80,8                     | 10 500                                                                    | 35 600                                  | 39,1                    | 85,1                     | 8 000                                                                     | 33 400                                  | 44,7                    | 87,9                     | 5 500                                                                     | 31 200                                  | 66,0                           |
| 68,0                           | 28,6                    | 77,3                     | 9 800                                                                     | 34 100                                  | 35,9                    | 82,5                     | 7 400                                                                     | 32 000                                  | 41,9                    | 85,7                     | 5 000                                                                     | 29 900                                  | 68,0                           |
| 70,0                           | 24,2                    | 73,1                     | 9 100                                                                     | 32 700                                  | 32,5                    | 79,4                     | 6 800                                                                     | 30 700                                  | 38,9                    | 83,3                     | 4 500                                                                     | 28 700                                  | 70,0                           |
| 72,0                           | 18,8                    | 67,8                     | 8 400                                                                     | 31 400                                  | 28,6                    | 75,9                     | 6 200                                                                     | 29 500                                  | 35,7                    | 80,6                     | 4 000                                                                     | 27 500                                  | 72,0                           |
| 74,0                           | 11,0                    | 59,9                     | 7 800                                                                     | 29 200*                                 | 24,2                    | 71,8                     | 5 700                                                                     | 28 300                                  | 32,2                    | 77,5                     | 3 500                                                                     | 26 400                                  | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         | 18,8                    | 66,5                     | 5 100                                                                     | 27 100                                  | 28,4                    | 74,0                     | 3 100                                                                     | 25 400                                  | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 23,9                    | 69,8                     | 2 600                                                                     | 24 400                                  | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,4                    | 64,4                     | 2 200                                                                     | 23 400                                  | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 10,3                    | 56,2                     | 1 700                                                                     | 22 500                                  | 82,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

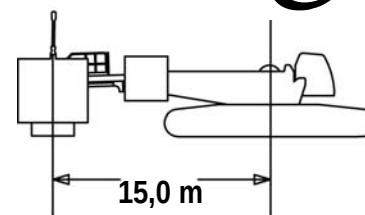
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

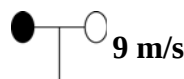
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 30,5                           | 68,7                    | 112,2                    | 51 800                                                                    | 60 500*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,5                           |
| 32,0                           | 67,3                    | 111,5                    | 48 400                                                                    | 58 800*                                 | 69,7                    | 112,3                    | 44 900                                                                    | 59 500*                                 |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 65,4                    | 110,6                    | 44 600                                                                    | 56 500*                                 | 67,8                    | 111,5                    | 41 300                                                                    | 59 300*                                 |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 63,5                    | 109,7                    | 41 200                                                                    | 54 100*                                 | 65,9                    | 110,6                    | 38 100                                                                    | 59 100*                                 |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 61,5                    | 108,6                    | 38 100                                                                    | 51 600*                                 | 64,0                    | 109,6                    | 35 200                                                                    | 58 900*                                 | 66,4                    | 110,4                    | 32 300                                                                    | 56 600*                                 | 38,0                           |
| 40,0                           | 59,5                    | 107,4                    | 35 400                                                                    | 49 100*                                 | 62,0                    | 108,6                    | 32 600                                                                    | 58 700*                                 | 64,5                    | 109,4                    | 29 900                                                                    | 56 600*                                 | 40,0                           |
| 42,0                           | 57,4                    | 106,2                    | 33 000                                                                    | 46 700*                                 | 60,0                    | 107,4                    | 30 400                                                                    | 57 800*                                 | 62,5                    | 108,4                    | 27 700                                                                    | 56 600*                                 | 42,0                           |
| 44,0                           | 55,3                    | 104,8                    | 30 800                                                                    | 44 300*                                 | 58,0                    | 106,2                    | 28 300                                                                    | 55 400*                                 | 60,5                    | 107,3                    | 25 800                                                                    | 56 600*                                 | 44,0                           |
| 46,0                           | 53,2                    | 103,3                    | 28 800                                                                    | 41 900*                                 | 55,9                    | 104,9                    | 26 400                                                                    | 52 900*                                 | 58,5                    | 106,1                    | 24 000                                                                    | 56 500*                                 | 46,0                           |
| 48,0                           | 51,0                    | 101,7                    | 26 900                                                                    | 39 700*                                 | 53,7                    | 103,4                    | 24 700                                                                    | 50 400*                                 | 56,4                    | 104,8                    | 22 400                                                                    | 54 900*                                 | 48,0                           |
| 50,0                           | 48,7                    | 100,0                    | 25 300                                                                    | 37 500*                                 | 51,5                    | 101,8                    | 23 100                                                                    | 47 700*                                 | 54,3                    | 103,4                    | 20 900                                                                    | 51 700*                                 | 50,0                           |
| 52,0                           | 46,3                    | 98,1                     | 23 700                                                                    | 35 600*                                 | 49,3                    | 100,2                    | 21 600                                                                    | 45 000*                                 | 52,1                    | 101,8                    | 19 600                                                                    | 48 600*                                 | 52,0                           |
| 54,0                           | 43,8                    | 96,1                     | 22 300                                                                    | 33 700*                                 | 46,9                    | 98,3                     | 20 300                                                                    | 42 300*                                 | 49,8                    | 100,2                    | 18 300                                                                    | 45 700*                                 | 54,0                           |
| 56,0                           | 41,2                    | 93,8                     | 21 000                                                                    | 31 900*                                 | 44,5                    | 96,3                     | 19 000                                                                    | 39 900*                                 | 47,5                    | 98,4                     | 17 100                                                                    | 43 100*                                 | 56,0                           |
| 58,0                           | 38,4                    | 91,4                     | 19 700                                                                    | 30 300*                                 | 41,9                    | 94,1                     | 17 900                                                                    | 37 700*                                 | 45,1                    | 96,4                     | 16 100                                                                    | 40 600*                                 | 58,0                           |
| 60,0                           | 35,5                    | 88,6                     | 18 600                                                                    | 28 800*                                 | 39,2                    | 91,7                     | 16 800                                                                    | 35 700*                                 | 42,5                    | 94,3                     | 15 000                                                                    | 38 400*                                 | 60,0                           |
| 62,0                           | 32,3                    | 85,6                     | 17 500                                                                    | 27 400*                                 | 36,3                    | 89,1                     | 15 800                                                                    | 33 800*                                 | 39,9                    | 91,9                     | 14 100                                                                    | 36 300*                                 | 62,0                           |
| 64,0                           | 28,9                    | 82,1                     | 16 500                                                                    | 26 200*                                 | 33,2                    | 86,1                     | 14 800                                                                    | 32 000*                                 | 37,0                    | 89,4                     | 13 200                                                                    | 34 300*                                 | 64,0                           |
| 66,0                           | 24,9                    | 78,1                     | 15 500                                                                    | 25 200*                                 | 29,8                    | 82,8                     | 13 900                                                                    | 30 400*                                 | 34,0                    | 86,5                     | 12 400                                                                    | 32 600*                                 | 66,0                           |
| 68,0                           | 20,3                    | 73,1                     | 14 600                                                                    | 24 300*                                 | 26,0                    | 78,9                     | 13 100                                                                    | 28 800*                                 | 30,7                    | 83,2                     | 11 600                                                                    | 30 900*                                 | 68,0                           |
| 70,0                           | 14,2                    | 66,3                     | 13 700                                                                    | 23 400*                                 | 21,6                    | 74,2                     | 12 200                                                                    | 27 300*                                 | 27,0                    | 79,5                     | 10 800                                                                    | 29 300*                                 | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         | 16,0                    | 68,1                     | 11 500                                                                    | 25 300*                                 | 22,8                    | 75,1                     | 10 100                                                                    | 27 800*                                 | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 17,6                    | 69,4                     | 9 400                                                                     | 26 400*                                 | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 9,8                     | 60,7                     | 8 600                                                                     | 23 400*                                 | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |

# Liftcrane Luffing Jib Capacities

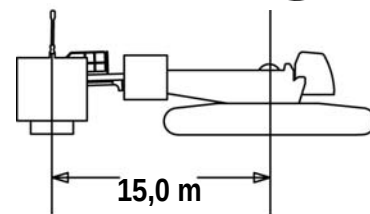
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

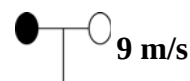
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 30,5                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,5                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 62,6                    | 107,5                    | 20 100                                                                    | 51 500*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 60,6                    | 106,4                    | 18 700                                                                    | 51 500*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 58,6                    | 105,2                    | 17 400                                                                    | 50 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 56,5                    | 103,9                    | 16 200                                                                    | 48 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 54,4                    | 102,5                    | 15 000                                                                    | 45 900                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 52,2                    | 100,9                    | 14 000                                                                    | 43 700                                  | 56,5                    | 102,5                    | 10 900                                                                    | 41 000                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 50,0                    | 99,3                     | 13 000                                                                    | 41 600                                  | 54,4                    | 101,1                    | 10 000                                                                    | 39 100                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 47,6                    | 97,5                     | 12 100                                                                    | 39 800                                  | 52,2                    | 99,6                     | 9 300                                                                     | 37 300                                  |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 45,2                    | 95,5                     | 11 300                                                                    | 38 000                                  | 50,0                    | 97,9                     | 8 500                                                                     | 35 600                                  |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           | 42,7                    | 93,4                     | 10 500                                                                    | 36 400                                  | 47,6                    | 96,1                     | 7 800                                                                     | 34 100                                  | 52,1                    | 97,8                     | 5 200                                                                     | 31 800                                  | 64,0                           |
| 66,0                           | 40,0                    | 91,1                     | 9 700                                                                     | 34 800                                  | 45,2                    | 94,2                     | 7 100                                                                     | 32 600                                  | 49,8                    | 96,1                     | 4 600                                                                     | 30 400                                  | 66,0                           |
| 68,0                           | 37,2                    | 88,5                     | 9 000                                                                     | 33 400                                  | 42,7                    | 92,1                     | 6 500                                                                     | 31 200                                  | 47,5                    | 94,3                     | 4 100                                                                     | 29 100                                  | 68,0                           |
| 70,0                           | 34,2                    | 85,7                     | 8 400                                                                     | 32 000                                  | 40,0                    | 89,7                     | 5 900                                                                     | 29 900                                  | 45,1                    | 92,4                     | 3 600                                                                     | 27 900                                  | 70,0                           |
| 72,0                           | 30,9                    | 82,4                     | 7 700                                                                     | 30 700                                  | 37,2                    | 87,2                     | 5 400                                                                     | 28 700                                  | 42,5                    | 90,2                     | 3 100                                                                     | 26 700                                  | 72,0                           |
| 74,0                           | 27,2                    | 78,7                     | 7 100                                                                     | 29 500                                  | 34,2                    | 84,3                     | 4 800                                                                     | 27 500                                  | 39,9                    | 87,9                     | 2 600                                                                     | 25 600                                  | 74,0                           |
| 76,0                           | 23,0                    | 74,3                     | 6 500                                                                     | 28 000*                                 | 30,9                    | 81,1                     | 4 300                                                                     | 26 500                                  | 37,0                    | 85,3                     | 2 200                                                                     | 24 600                                  | 76,0                           |
| 78,0                           | 17,9                    | 68,8                     | 5 900                                                                     | 26 600*                                 | 27,2                    | 77,4                     | 3 900                                                                     | 25 400                                  | 34,0                    | 82,4                     | 1 800                                                                     | 23 600                                  | 78,0                           |
| 80,0                           | 10,4                    | 60,4                     | 5 300                                                                     | 24 600*                                 | 23,0                    | 73,0                     | 3 400                                                                     | 24 400                                  | 30,7                    | 79,2                     | 1 400                                                                     | 22 700                                  | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         | 17,9                    | 67,4                     | 2 900                                                                     | 23 500                                  | 27,0                    | 75,5                     | 1 000                                                                     | 21 800                                  | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,8                    | 71,0                     |                                                                           | 20 900                                  | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 17,5                    | 65,3                     |                                                                           | 20 100                                  | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 9,8                     | 56,7                     |                                                                           | 19 300                                  | 88,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

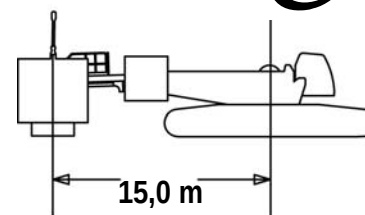
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

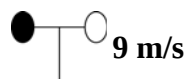
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

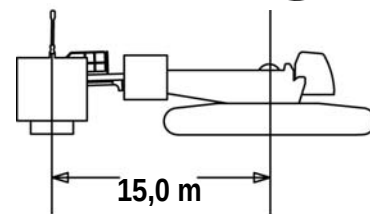
48,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 33,5                           | 68,0                    | 117,4                    | 44 800                                                                    | 51 200*                                 | 70,1                    | 118,1                    | 41 400                                                                    | 50 200*                                 |                         |                          |                                                                           |                                         | 33,5                           |
| 34,0                           | 67,6                    | 117,2                    | 44 000                                                                    | 50 800*                                 | 69,7                    | 117,9                    | 40 600                                                                    | 50 200*                                 |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 65,8                    | 116,3                    | 40 500                                                                    | 49 200*                                 | 68,0                    | 117,1                    | 37 300                                                                    | 50 000*                                 |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 64,1                    | 115,4                    | 37 500                                                                    | 47 400*                                 | 66,3                    | 116,3                    | 34 500                                                                    | 49 700*                                 |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 62,3                    | 114,3                    | 34 800                                                                    | 45 500*                                 | 64,5                    | 115,3                    | 31 900                                                                    | 49 400*                                 | 66,7                    | 116,1                    | 29 100                                                                    | 47 700*                                 | 40,0                           |
| 42,0                           | 60,5                    | 113,2                    | 32 300                                                                    | 43 500*                                 | 62,8                    | 114,3                    | 29 700                                                                    | 49 100*                                 | 65,0                    | 115,2                    | 27 000                                                                    | 47 600*                                 | 42,0                           |
| 44,0                           | 58,6                    | 112,0                    | 30 100                                                                    | 41 600*                                 | 60,9                    | 113,2                    | 27 600                                                                    | 48 900*                                 | 63,2                    | 114,2                    | 25 000                                                                    | 47 500*                                 | 44,0                           |
| 46,0                           | 56,7                    | 110,7                    | 28 100                                                                    | 39 700*                                 | 59,1                    | 112,0                    | 25 700                                                                    | 48 500*                                 | 61,4                    | 113,1                    | 23 300                                                                    | 47 400*                                 | 46,0                           |
| 48,0                           | 54,8                    | 109,3                    | 26 300                                                                    | 37 800*                                 | 57,2                    | 110,8                    | 24 000                                                                    | 47 100*                                 | 59,6                    | 111,9                    | 21 600                                                                    | 47 300*                                 | 48,0                           |
| 50,0                           | 52,8                    | 107,8                    | 24 600                                                                    | 36 000*                                 | 55,3                    | 109,4                    | 22 400                                                                    | 45 100*                                 | 57,7                    | 110,7                    | 20 200                                                                    | 47 100*                                 | 50,0                           |
| 52,0                           | 50,7                    | 106,2                    | 23 100                                                                    | 34 300*                                 | 53,3                    | 107,9                    | 21 000                                                                    | 43 200*                                 | 55,8                    | 109,3                    | 18 800                                                                    | 46 900*                                 | 52,0                           |
| 54,0                           | 48,6                    | 104,4                    | 21 600                                                                    | 32 600*                                 | 51,3                    | 106,3                    | 19 600                                                                    | 41 300*                                 | 53,8                    | 107,9                    | 17 600                                                                    | 45 200*                                 | 54,0                           |
| 56,0                           | 46,4                    | 102,6                    | 20 300                                                                    | 31 000*                                 | 49,2                    | 104,6                    | 18 400                                                                    | 39 400*                                 | 51,8                    | 106,3                    | 16 400                                                                    | 42 500*                                 | 56,0                           |
| 58,0                           | 44,2                    | 100,6                    | 19 100                                                                    | 29 600*                                 | 47,0                    | 102,8                    | 17 200                                                                    | 37 300*                                 | 49,7                    | 104,6                    | 15 300                                                                    | 40 200*                                 | 58,0                           |
| 60,0                           | 41,8                    | 98,4                     | 18 000                                                                    | 28 100*                                 | 44,8                    | 100,8                    | 16 100                                                                    | 35 300*                                 | 47,6                    | 102,8                    | 14 300                                                                    | 37 900*                                 | 60,0                           |
| 62,0                           | 39,3                    | 96,0                     | 16 900                                                                    | 26 800*                                 | 42,4                    | 98,7                     | 15 100                                                                    | 33 400*                                 | 45,3                    | 100,9                    | 13 400                                                                    | 35 900*                                 | 62,0                           |
| 64,0                           | 36,7                    | 93,4                     | 15 900                                                                    | 25 600*                                 | 40,0                    | 96,3                     | 14 200                                                                    | 31 600*                                 | 43,0                    | 98,8                     | 12 500                                                                    | 33 900*                                 | 64,0                           |
| 66,0                           | 33,9                    | 90,5                     | 14 900                                                                    | 24 500*                                 | 37,4                    | 93,8                     | 13 300                                                                    | 30 000*                                 | 40,6                    | 96,5                     | 11 600                                                                    | 32 100*                                 | 66,0                           |
| 68,0                           | 30,9                    | 87,2                     | 14 000                                                                    | 23 400*                                 | 34,7                    | 91,0                     | 12 400                                                                    | 28 400*                                 | 38,1                    | 94,0                     | 10 900                                                                    | 30 400*                                 | 68,0                           |
| 70,0                           | 27,6                    | 83,6                     | 13 200                                                                    | 22 500*                                 | 31,7                    | 87,8                     | 11 600                                                                    | 26 900*                                 | 35,4                    | 91,3                     | 10 100                                                                    | 28 800*                                 | 70,0                           |
| 72,0                           | 23,8                    | 79,3                     | 12 400                                                                    | 21 700*                                 | 28,5                    | 84,3                     | 10 900                                                                    | 25 600*                                 | 32,5                    | 88,2                     | 9 400                                                                     | 27 400*                                 | 72,0                           |
| 74,0                           | 19,4                    | 74,1                     | 11 600                                                                    | 21 000*                                 | 24,8                    | 80,2                     | 10 200                                                                    | 24 300*                                 | 29,3                    | 84,8                     | 8 700                                                                     | 26 000*                                 | 74,0                           |
| 76,0                           | 13,5                    | 67,0                     | 10 800                                                                    | 19 500*                                 | 20,6                    | 75,3                     | 9 500                                                                     | 23 000*                                 | 25,8                    | 80,9                     | 8 100                                                                     | 24 700*                                 | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         | 15,3                    | 68,9                     | 8 800                                                                     | 21 100*                                 | 21,8                    | 76,2                     | 7 500                                                                     | 23 400*                                 | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,8                    | 70,3                     | 6 900                                                                     | 22 100*                                 | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 9,4                     | 61,2                     | 6 300                                                                     | 19 500*                                 | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |

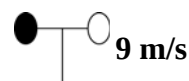
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 33,5                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 33,5                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 61,5                    | 112,1                    | 16 500                                                                    | 43 400*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 59,7                    | 111,0                    | 15 300                                                                    | 43 400*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 57,8                    | 109,7                    | 14 200                                                                    | 43 400*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 55,9                    | 108,4                    | 13 200                                                                    | 42 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 53,9                    | 107,0                    | 12 200                                                                    | 40 900                                  | 57,8                    | 108,4                    | 9 100                                                                     | 38 200                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 51,9                    | 105,4                    | 11 300                                                                    | 39 000                                  | 55,9                    | 107,1                    | 8 400                                                                     | 36 500                                  |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 49,8                    | 103,8                    | 10 500                                                                    | 37 300                                  | 53,9                    | 105,6                    | 7 600                                                                     | 34 800                                  |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           | 47,7                    | 101,9                    | 9 700                                                                     | 35 700                                  | 51,9                    | 104,1                    | 6 900                                                                     | 33 200                                  |                         |                          |                                                                           |                                         | 64,0                           |
| 66,0                           | 45,5                    | 100,0                    | 8 900                                                                     | 34 100                                  | 49,8                    | 102,4                    | 6 300                                                                     | 31 800                                  |                         |                          |                                                                           |                                         | 66,0                           |
| 68,0                           | 43,2                    | 97,9                     | 8 300                                                                     | 32 700                                  | 47,7                    | 100,6                    | 5 700                                                                     | 30 400                                  | 51,8                    | 102,3                    | 3 100                                                                     | 28 300                                  | 68,0                           |
| 70,0                           | 40,8                    | 95,7                     | 7 600                                                                     | 31 300                                  | 45,5                    | 98,7                     | 5 100                                                                     | 29 200                                  | 49,7                    | 100,6                    | 2 600                                                                     | 27 000                                  | 70,0                           |
| 72,0                           | 38,2                    | 93,2                     | 7 000                                                                     | 30 100                                  | 43,2                    | 96,6                     | 4 600                                                                     | 27 900                                  | 47,6                    | 98,8                     | 2 200                                                                     | 25 900                                  | 72,0                           |
| 74,0                           | 35,5                    | 90,4                     | 6 400                                                                     | 28 800                                  | 40,8                    | 94,3                     | 4 000                                                                     | 26 800                                  | 45,3                    | 96,9                     | 1 700                                                                     | 24 900                                  | 74,0                           |
| 76,0                           | 32,6                    | 87,4                     | 5 800                                                                     | 27 600                                  | 38,2                    | 91,8                     | 3 500                                                                     | 25 700                                  | 43,0                    | 94,8                     | 1 300                                                                     | 23 800                                  | 76,0                           |
| 78,0                           | 29,5                    | 84,0                     | 5 300                                                                     | 26 200*                                 | 35,5                    | 89,1                     | 3 100                                                                     | 24 700                                  | 40,6                    | 92,5                     | 900                                                                       | 22 800                                  | 78,0                           |
| 80,0                           | 26,0                    | 80,1                     | 4 800                                                                     | 24 900*                                 | 32,7                    | 86,1                     | 2 600                                                                     | 23 700                                  | 38,1                    | 90,0                     |                                                                           | 21 900                                  | 80,0                           |
| 82,0                           | 22,0                    | 75,5                     | 4 300                                                                     | 23 600*                                 | 29,5                    | 82,7                     | 2 200                                                                     | 22 800                                  | 35,4                    | 87,2                     |                                                                           | 21 000                                  | 82,0                           |
| 84,0                           | 17,1                    | 69,6                     | 3 800                                                                     | 22 400*                                 | 26,0                    | 78,8                     | 1 800                                                                     | 21 900                                  | 32,5                    | 84,2                     |                                                                           | 20 200                                  | 84,0                           |
| 86,0                           | 9,9                     | 60,9                     | 3 300                                                                     | 20 600*                                 | 22,0                    | 74,2                     | 1 400                                                                     | 21 000                                  | 29,3                    | 80,8                     |                                                                           | 19 400                                  | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         | 17,1                    | 68,3                     | 1 000                                                                     | 20 200                                  | 25,8                    | 76,8                     |                                                                           | 18 600                                  | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 21,7                    | 72,1                     |                                                                           | 17 900                                  | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,8                    | 66,2                     |                                                                           | 17 200                                  | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 9,4                     | 57,1                     |                                                                           | 16 500                                  | 94,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

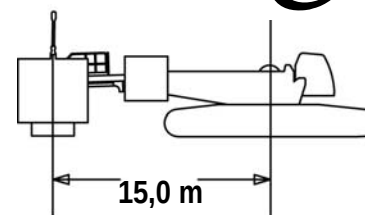
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

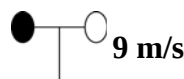
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

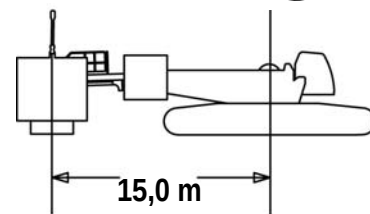
48,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 38,1                           | 66,1                    | 121,9                    | 36 700                                                                    | 42 800*                                 | 68,1                    | 122,8                    | 33 700                                                                    | 42 200*                                 |                         |                          |                                                                           |                                         | 38,1                           |
| 40,0                           | 64,6                    | 121,1                    | 34 200                                                                    | 41 500*                                 | 66,6                    | 121,9                    | 31 300                                                                    | 41 900*                                 |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 62,9                    | 120,1                    | 31 700                                                                    | 40 000*                                 | 65,0                    | 121,0                    | 29 000                                                                    | 41 700*                                 | 67,0                    | 121,8                    | 26 300                                                                    | 40 300*                                 | 42,0                           |
| 44,0                           | 61,3                    | 119,0                    | 29 500                                                                    | 38 500*                                 | 63,4                    | 120,0                    | 26 900                                                                    | 41 400*                                 | 65,4                    | 120,8                    | 24 300                                                                    | 40 100*                                 | 44,0                           |
| 46,0                           | 59,6                    | 117,8                    | 27 500                                                                    | 37 000*                                 | 61,7                    | 119,0                    | 25 100                                                                    | 41 100*                                 | 63,8                    | 119,9                    | 22 600                                                                    | 40 000*                                 | 46,0                           |
| 48,0                           | 57,8                    | 116,6                    | 25 700                                                                    | 35 500*                                 | 60,0                    | 117,8                    | 23 300                                                                    | 40 800*                                 | 62,1                    | 118,8                    | 20 900                                                                    | 39 900*                                 | 48,0                           |
| 50,0                           | 56,1                    | 115,2                    | 24 000                                                                    | 34 000*                                 | 58,3                    | 116,6                    | 21 800                                                                    | 40 600*                                 | 60,4                    | 117,7                    | 19 500                                                                    | 39 700*                                 | 50,0                           |
| 52,0                           | 54,3                    | 113,8                    | 22 400                                                                    | 32 600*                                 | 56,5                    | 115,3                    | 20 300                                                                    | 40 200*                                 | 58,7                    | 116,5                    | 18 100                                                                    | 39 500*                                 | 52,0                           |
| 54,0                           | 52,4                    | 112,3                    | 21 000                                                                    | 31 200*                                 | 54,7                    | 113,9                    | 19 000                                                                    | 38 700*                                 | 57,0                    | 115,2                    | 16 900                                                                    | 39 400*                                 | 54,0                           |
| 56,0                           | 50,5                    | 110,7                    | 19 700                                                                    | 29 800*                                 | 52,9                    | 112,4                    | 17 700                                                                    | 37 300*                                 | 55,2                    | 113,8                    | 15 700                                                                    | 39 200*                                 | 56,0                           |
| 58,0                           | 48,6                    | 108,9                    | 18 500                                                                    | 28 400*                                 | 51,0                    | 110,8                    | 16 500                                                                    | 35 800*                                 | 53,4                    | 112,4                    | 14 600                                                                    | 39 000*                                 | 58,0                           |
| 60,0                           | 46,6                    | 107,1                    | 17 400                                                                    | 27 200*                                 | 49,1                    | 109,1                    | 15 500                                                                    | 34 300*                                 | 51,5                    | 110,8                    | 13 600                                                                    | 37 200*                                 | 60,0                           |
| 62,0                           | 44,5                    | 105,1                    | 16 300                                                                    | 26 000*                                 | 47,1                    | 107,3                    | 14 500                                                                    | 32 700*                                 | 49,6                    | 109,1                    | 12 700                                                                    | 35 100*                                 | 62,0                           |
| 64,0                           | 42,3                    | 102,9                    | 15 300                                                                    | 24 900*                                 | 45,0                    | 105,3                    | 13 600                                                                    | 30 900*                                 | 47,6                    | 107,3                    | 11 800                                                                    | 33 200*                                 | 64,0                           |
| 66,0                           | 40,1                    | 100,6                    | 14 300                                                                    | 23 800*                                 | 42,9                    | 103,2                    | 12 700                                                                    | 29 300*                                 | 45,6                    | 105,4                    | 11 000                                                                    | 31 400*                                 | 66,0                           |
| 68,0                           | 37,7                    | 98,0                     | 13 500                                                                    | 22 800*                                 | 40,7                    | 100,9                    | 11 800                                                                    | 27 800*                                 | 43,5                    | 103,3                    | 10 200                                                                    | 29 800*                                 | 68,0                           |
| 70,0                           | 35,2                    | 95,3                     | 12 600                                                                    | 21 900*                                 | 38,3                    | 98,4                     | 11 100                                                                    | 26 400*                                 | 41,3                    | 101,1                    | 9 500                                                                     | 28 200*                                 | 70,0                           |
| 72,0                           | 32,5                    | 92,2                     | 11 800                                                                    | 21 000*                                 | 35,9                    | 95,7                     | 10 300                                                                    | 25 000*                                 | 38,9                    | 98,7                     | 8 800                                                                     | 26 800*                                 | 72,0                           |
| 74,0                           | 29,6                    | 88,8                     | 11 100                                                                    | 20 200*                                 | 33,2                    | 92,8                     | 9 600                                                                     | 23 800*                                 | 36,5                    | 96,0                     | 8 200                                                                     | 25 400*                                 | 74,0                           |
| 76,0                           | 26,5                    | 85,0                     | 10 400                                                                    | 19 500*                                 | 30,4                    | 89,5                     | 9 000                                                                     | 22 600*                                 | 33,9                    | 93,1                     | 7 500                                                                     | 24 200*                                 | 76,0                           |
| 78,0                           | 22,8                    | 80,5                     | 9 700                                                                     | 18 900*                                 | 27,3                    | 85,8                     | 8 300                                                                     | 21 400*                                 | 31,1                    | 89,9                     | 6 900                                                                     | 23 000*                                 | 78,0                           |
| 80,0                           | 18,6                    | 75,1                     | 9 000                                                                     | 18 200*                                 | 23,8                    | 81,5                     | 7 700                                                                     | 20 400*                                 | 28,1                    | 86,3                     | 6 400                                                                     | 21 800*                                 | 80,0                           |
| 82,0                           | 13,0                    | 67,7                     | 8 300                                                                     | 16 200*                                 | 19,8                    | 76,3                     | 7 100                                                                     | 19 300*                                 | 24,8                    | 82,2                     | 5 800                                                                     | 20 700*                                 | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         | 14,6                    | 69,6                     | 6 500                                                                     | 17 600*                                 | 20,9                    | 77,3                     | 5 300                                                                     | 19 600*                                 | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,1                    | 71,1                     | 4 700                                                                     | 18 500*                                 | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 9,0                     | 61,7                     | 4 200                                                                     | 16 200*                                 | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |

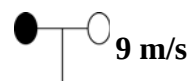
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 38,1                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,1                           |
| 40,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 62,2                    | 117,9                           | 14 500                                                                    | 36 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 60,5                    | 116,8                           | 13 400                                                                    | 36 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 58,8                    | 115,6                           | 12 400                                                                    | 36 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 57,1                    | 114,3                           | 11 500                                                                    | 36 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 55,3                    | 112,9                           | 10 600                                                                    | 36 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 53,5                    | 111,5                           | 9 700                                                                     | 36 400                                  | 57,1                    | 112,9                           | 6 800                                                                     | 33 200*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 51,6                    | 109,9                           | 9 000                                                                     | 35 000                                  | 55,3                    | 111,6                           | 6 200                                                                     | 32 600                                  |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 49,7                    | 108,2                           | 8 200                                                                     | 33 500                                  | 53,5                    | 110,1                           | 5 500                                                                     | 31 100                                  |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 47,7                    | 106,4                           | 7 600                                                                     | 32 000                                  | 51,6                    | 108,6                           | 4 900                                                                     | 29 800                                  |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 45,7                    | 104,5                           | 6 900                                                                     | 30 700                                  | 49,7                    | 106,9                           | 4 300                                                                     | 28 500                                  |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 43,6                    | 102,4                           | 6 300                                                                     | 29 400                                  | 47,7                    | 105,1                           | 3 800                                                                     | 27 300                                  | 51,5                    | 106,8                           | 1 400                                                                     | 25 200                                  | 72,0                           |
| 74,0                           | 41,4                    | 100,2                           | 5 700                                                                     | 28 200                                  | 45,7                    | 103,2                           | 3 300                                                                     | 26 100                                  | 49,6                    | 105,1                           | 900                                                                       | 24 100                                  | 74,0                           |
| 76,0                           | 39,1                    | 97,8                            | 5 200                                                                     | 27 000                                  | 43,6                    | 101,1                           | 2 800                                                                     | 25 100                                  | 47,6                    | 103,3                           |                                                                           | 23 100                                  | 76,0                           |
| 78,0                           | 36,6                    | 95,2                            | 4 600                                                                     | 25 600*                                 | 41,4                    | 98,9                            | 2 400                                                                     | 24 000                                  | 45,6                    | 101,3                           |                                                                           | 22 100                                  | 78,0                           |
| 80,0                           | 34,1                    | 92,3                            | 4 100                                                                     | 24 300*                                 | 39,1                    | 96,5                            | 1 900                                                                     | 23 100                                  | 43,4                    | 99,3                            |                                                                           | 21 300                                  | 80,0                           |
| 82,0                           | 31,3                    | 89,1                            | 3 600                                                                     | 23 100*                                 | 36,7                    | 93,8                            | 1 500                                                                     | 22 200                                  | 41,2                    | 97,0                            |                                                                           | 20 400                                  | 82,0                           |
| 84,0                           | 28,3                    | 85,5                            | 3 200                                                                     | 22 000*                                 | 34,1                    | 90,9                            | 1 100                                                                     | 21 300                                  | 38,9                    | 94,6                            |                                                                           | 19 500                                  | 84,0                           |
| 86,0                           | 25,0                    | 81,4                            | 2 700                                                                     | 20 900*                                 | 31,3                    | 87,8                            |                                                                           | 20 500                                  | 36,5                    | 92,0                            |                                                                           | 18 700                                  | 86,0                           |
| 88,0                           | 21,1                    | 76,6                            | 2 300                                                                     | 19 800*                                 | 28,3                    | 84,2                            |                                                                           | 19 600                                  | 33,9                    | 89,1                            |                                                                           | 18 000                                  | 88,0                           |
| 90,0                           | 16,4                    | 70,5                            | 1 900                                                                     | 18 800*                                 | 25,0                    | 80,1                            |                                                                           | 18 900                                  | 31,1                    | 85,9                            |                                                                           | 17 200                                  | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 21,1                    | 75,3                            |                                                                           | 18 100                                  | 28,1                    | 82,3                            |                                                                           | 16 600                                  | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         | 16,4                    | 69,2                            |                                                                           | 17 400                                  | 24,7                    | 78,1                            |                                                                           | 15 900                                  | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         | 9,6                     | 60,1                            |                                                                           | 16 700                                  | 20,9                    | 73,2                            |                                                                           | 15 200                                  | 96,0                           |
| 98,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,1                    | 67,0                            |                                                                           | 14 600                                  | 98,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 9,0                     | 57,6                            |                                                                           | 14 000                                  | 100,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

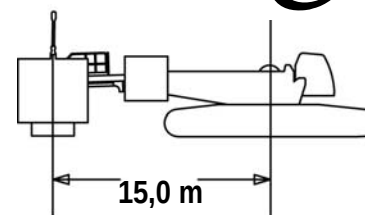
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

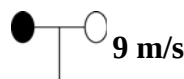
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 41,1                           | 65,7                    | 127,2                    | 32 000                                                                    | 35 800*                                 | 67,5                    | 128,0                    | 29 200                                                                    | 35 500*                                 |                         |                          |                                                                           |                                         | 41,1                           |
| 42,0                           | 65,0                    | 126,8                    | 31 000                                                                    | 35 600*                                 | 66,9                    | 127,6                    | 28 200                                                                    | 35 300*                                 |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 63,5                    | 125,8                    | 28 800                                                                    | 35 100*                                 | 65,4                    | 126,7                    | 26 100                                                                    | 35 000*                                 |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 62,0                    | 124,7                    | 26 800                                                                    | 34 000*                                 | 63,9                    | 125,7                    | 24 200                                                                    | 34 700*                                 | 65,8                    | 126,5                    | 21 700                                                                    | 33 800*                                 | 46,0                           |
| 48,0                           | 60,4                    | 123,6                    | 25 000                                                                    | 32 800*                                 | 62,4                    | 124,7                    | 22 500                                                                    | 34 400*                                 | 64,3                    | 125,6                    | 20 100                                                                    | 33 600*                                 | 48,0                           |
| 50,0                           | 58,8                    | 122,4                    | 23 300                                                                    | 31 600*                                 | 60,8                    | 123,6                    | 20 900                                                                    | 34 100*                                 | 62,7                    | 124,6                    | 18 700                                                                    | 33 500*                                 | 50,0                           |
| 52,0                           | 57,2                    | 121,1                    | 21 700                                                                    | 30 400*                                 | 59,2                    | 122,4                    | 19 500                                                                    | 33 900*                                 | 61,2                    | 123,5                    | 17 300                                                                    | 33 200*                                 | 52,0                           |
| 54,0                           | 55,5                    | 119,8                    | 20 300                                                                    | 29 300*                                 | 57,6                    | 121,2                    | 18 200                                                                    | 33 600*                                 | 59,6                    | 122,3                    | 16 100                                                                    | 33 000*                                 | 54,0                           |
| 56,0                           | 53,9                    | 118,3                    | 19 000                                                                    | 28 200*                                 | 56,0                    | 119,8                    | 16 900                                                                    | 33 300*                                 | 58,0                    | 121,1                    | 14 900                                                                    | 32 800*                                 | 56,0                           |
| 58,0                           | 52,1                    | 116,8                    | 17 800                                                                    | 27 000*                                 | 54,3                    | 118,4                    | 15 800                                                                    | 33 000*                                 | 56,4                    | 119,8                    | 13 800                                                                    | 32 600*                                 | 58,0                           |
| 60,0                           | 50,4                    | 115,1                    | 16 600                                                                    | 26 000*                                 | 52,6                    | 116,9                    | 14 700                                                                    | 32 200*                                 | 54,7                    | 118,3                    | 12 800                                                                    | 32 400*                                 | 60,0                           |
| 62,0                           | 48,6                    | 113,4                    | 15 600                                                                    | 24 900*                                 | 50,8                    | 115,3                    | 13 700                                                                    | 31 000*                                 | 53,0                    | 116,9                    | 11 900                                                                    | 32 200*                                 | 62,0                           |
| 64,0                           | 46,7                    | 111,5                    | 14 600                                                                    | 23 900*                                 | 49,0                    | 113,6                    | 12 800                                                                    | 29 900*                                 | 51,3                    | 115,3                    | 11 000                                                                    | 32 000*                                 | 64,0                           |
| 66,0                           | 44,8                    | 109,6                    | 13 600                                                                    | 22 900*                                 | 47,2                    | 111,7                    | 11 900                                                                    | 28 600*                                 | 49,5                    | 113,6                    | 10 200                                                                    | 30 800*                                 | 66,0                           |
| 68,0                           | 42,8                    | 107,4                    | 12 800                                                                    | 22 000*                                 | 45,3                    | 109,8                    | 11 100                                                                    | 27 100*                                 | 47,7                    | 111,8                    | 9 400                                                                     | 29 100*                                 | 68,0                           |
| 70,0                           | 40,7                    | 105,1                    | 11 900                                                                    | 21 100*                                 | 43,3                    | 107,7                    | 10 300                                                                    | 25 700*                                 | 45,8                    | 109,9                    | 8 700                                                                     | 27 600*                                 | 70,0                           |
| 72,0                           | 38,5                    | 102,7                    | 11 100                                                                    | 20 300*                                 | 41,3                    | 105,5                    | 9 600                                                                     | 24 400*                                 | 43,8                    | 107,8                    | 8 000                                                                     | 26 100*                                 | 72,0                           |
| 74,0                           | 36,3                    | 100,0                    | 10 400                                                                    | 19 500*                                 | 39,1                    | 103,1                    | 8 900                                                                     | 23 100*                                 | 41,8                    | 105,6                    | 7 400                                                                     | 24 700*                                 | 74,0                           |
| 76,0                           | 33,9                    | 97,1                     | 9 700                                                                     | 18 800*                                 | 36,9                    | 100,4                    | 8 200                                                                     | 21 900*                                 | 39,7                    | 103,2                    | 6 700                                                                     | 23 500*                                 | 76,0                           |
| 78,0                           | 31,3                    | 93,9                     | 9 000                                                                     | 18 200*                                 | 34,5                    | 97,6                     | 7 600                                                                     | 20 800*                                 | 37,5                    | 100,7                    | 6 200                                                                     | 22 300*                                 | 78,0                           |
| 80,0                           | 28,5                    | 90,3                     | 8 400                                                                     | 17 600*                                 | 32,0                    | 94,5                     | 7 000                                                                     | 19 700*                                 | 35,1                    | 97,9                     | 5 600                                                                     | 21 200*                                 | 80,0                           |
| 82,0                           | 25,5                    | 86,3                     | 7 700                                                                     | 17 000*                                 | 29,3                    | 91,0                     | 6 400                                                                     | 18 700*                                 | 32,6                    | 94,9                     | 5 100                                                                     | 20 100*                                 | 82,0                           |
| 84,0                           | 22,0                    | 81,7                     | 7 200                                                                     | 16 500*                                 | 26,3                    | 87,1                     | 5 800                                                                     | 17 800*                                 | 30,0                    | 91,5                     | 4 500                                                                     | 19 000*                                 | 84,0                           |
| 86,0                           | 17,9                    | 76,0                     | 6 600                                                                     | 15 100*                                 | 22,9                    | 82,7                     | 5 300                                                                     | 16 800*                                 | 27,1                    | 87,7                     | 4 100                                                                     | 18 100*                                 | 86,0                           |
| 88,0                           | 12,5                    | 68,3                     | 6 000                                                                     | 13 000*                                 | 19,0                    | 77,3                     | 4 800                                                                     | 15 900*                                 | 23,8                    | 83,4                     | 3 600                                                                     | 17 100*                                 | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         | 14,1                    | 70,3                     | 4 300                                                                     | 14 300*                                 | 20,1                    | 78,3                     | 3 100                                                                     | 16 200*                                 | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,5                    | 71,9                     | 2 700                                                                     | 15 200*                                 | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 8,6                     | 62,1                     | 2 200                                                                     | 13 100*                                 | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 104,0                          |
| 106,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 106,0                          |

# Liftcrane Luffing Jib Capacities

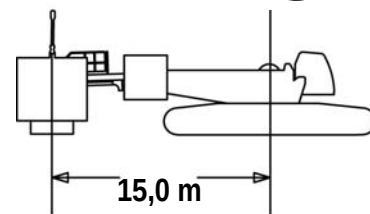
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

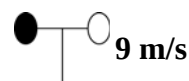
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m Boom, 84,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 41,1                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 41,1                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 61,3                 | 122,5                  | 11 500                                                     | 30 700*                        |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 59,7                 | 121,4                  | 10 600                                                     | 30 700*                        |                      |                        |                                                            |                                |                      |                        |                                | 58,0                  |
| 60,0                  | 58,1                 | 120,1                  | 9 700                                                      | 30 700*                        |                      |                        |                                                            |                                |                      |                        |                                | 60,0                  |
| 62,0                  | 56,5                 | 118,8                  | 8 900                                                      | 30 600*                        |                      |                        |                                                            |                                |                      |                        |                                | 62,0                  |
| 64,0                  | 54,8                 | 117,4                  | 8 100                                                      | 30 600*                        |                      |                        |                                                            |                                |                      |                        |                                | 64,0                  |
| 66,0                  | 53,1                 | 115,9                  | 7 400                                                      | 30 500*                        | 56,5                 | 117,5                  | 4 600                                                      | 27 900*                        |                      |                        |                                | 66,0                  |
| 68,0                  | 51,4                 | 114,4                  | 6 700                                                      | 30 400*                        | 54,8                 | 116,1                  | 4 000                                                      | 27 900*                        |                      |                        |                                | 68,0                  |
| 70,0                  | 49,6                 | 112,7                  | 6 000                                                      | 29 900                         | 53,1                 | 114,6                  | 3 400                                                      | 27 600                         |                      |                        |                                | 70,0                  |
| 72,0                  | 47,8                 | 110,9                  | 5 400                                                      | 28 700                         | 51,4                 | 113,0                  | 2 900                                                      | 26 500                         |                      |                        |                                | 72,0                  |
| 74,0                  | 45,9                 | 109,0                  | 4 800                                                      | 27 400                         | 49,6                 | 111,3                  | 2 400                                                      | 25 300                         |                      |                        |                                | 74,0                  |
| 76,0                  | 43,9                 | 106,9                  | 4 300                                                      | 26 300                         | 47,8                 | 109,6                  | 1 900                                                      | 24 300                         | 51,3                 | 111,2                  | 22 200                         | 76,0                  |
| 78,0                  | 41,9                 | 104,8                  | 3 800                                                      | 24 900*                        | 45,9                 | 107,7                  | 1 500                                                      | 23 300                         | 49,5                 | 109,6                  | 21 300                         | 78,0                  |
| 80,0                  | 39,8                 | 102,4                  | 3 300                                                      | 23 700*                        | 43,9                 | 105,6                  | 1 000                                                      | 22 300                         | 47,6                 | 107,8                  | 20 400                         | 80,0                  |
| 82,0                  | 37,6                 | 99,8                   | 2 800                                                      | 22 500*                        | 41,9                 | 103,4                  |                                                            | 21 400                         | 45,8                 | 105,8                  | 19 500                         | 82,0                  |
| 84,0                  | 35,2                 | 97,1                   | 2 400                                                      | 21 300*                        | 39,8                 | 101,1                  |                                                            | 20 500                         | 43,8                 | 103,8                  | 18 700                         | 84,0                  |
| 86,0                  | 32,8                 | 94,1                   | 1 900                                                      | 20 200*                        | 37,6                 | 98,5                   |                                                            | 19 700                         | 41,8                 | 101,6                  | 17 900                         | 86,0                  |
| 88,0                  | 30,1                 | 90,7                   | 1 500                                                      | 19 200*                        | 35,3                 | 95,7                   |                                                            | 18 900                         | 39,7                 | 99,2                   | 17 200                         | 88,0                  |
| 90,0                  | 27,2                 | 87,0                   | 1 100                                                      | 18 200*                        | 32,8                 | 92,7                   |                                                            | 18 200                         | 37,4                 | 96,7                   | 16 500                         | 90,0                  |
| 92,0                  | 24,0                 | 82,7                   |                                                            | 17 300*                        | 30,1                 | 89,4                   |                                                            | 17 400                         | 35,1                 | 93,9                   | 15 800                         | 92,0                  |
| 94,0                  | 20,3                 | 77,7                   |                                                            | 16 400*                        | 27,2                 | 85,6                   |                                                            | 16 700                         | 32,6                 | 90,8                   | 15 100                         | 94,0                  |
| 96,0                  | 15,8                 | 71,3                   |                                                            | 15 500*                        | 24,0                 | 81,4                   |                                                            | 16 100                         | 30,0                 | 87,5                   | 14 500                         | 96,0                  |
| 98,0                  |                      |                        |                                                            |                                | 20,3                 | 76,3                   |                                                            | 15 400                         | 27,0                 | 83,7                   | 13 800*                        | 98,0                  |
| 100,0                 |                      |                        |                                                            |                                | 15,8                 | 70,0                   |                                                            | 14 700                         | 23,8                 | 79,4                   | 13 200*                        | 100,0                 |
| 102,0                 |                      |                        |                                                            |                                | 9,2                  | 60,5                   |                                                            | 14 100                         | 20,1                 | 74,3                   | 12 600*                        | 102,0                 |
| 104,0                 |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 15,5                 | 67,8                   | 12 000*                        | 104,0                 |
| 106,0                 |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 8,6                  | 58,0                   | 11 400*                        | 106,0                 |

# Liftcrane Luffing Jib Capacities

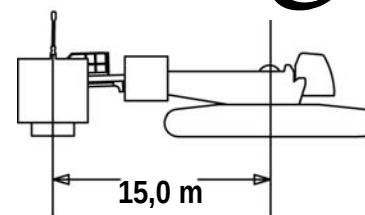
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

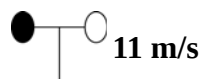
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 13,7                           | 73,7                    | 79,8                            | 148 000                                                                   | 177 500*c                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,7                           |
| 14,0                           | 73,0                    | 79,7                            | 144 600                                                                   | 174 200*c                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,0                           |
| 16,0                           | 67,9                    | 78,9                            | 121 900                                                                   | 151 700*c                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,0                           |
| 18,0                           | 62,5                    | 77,9                            | 105 400                                                                   | 133 800*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,0                           |
| 20,0                           | 56,9                    | 76,6                            | 92 600                                                                    | 120 400*b                               | 64,8                    | 78,0                            | 86 800                                                                    | 158 500*b                               |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           | 50,8                    | 75,1                            | 82 300                                                                    | 109 900*                                | 59,3                    | 76,8                            | 77 100                                                                    | 142 100*b                               |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 44,2                    | 73,1                            | 73 800                                                                    | 101 800*                                | 53,4                    | 75,4                            | 69 200                                                                    | 127 900*                                | 61,6                    | 76,9                            | 64 700                                                                    | 130 000b                                | 24,0                           |
| 26,0                           | 36,5                    | 70,6                            | 66 800                                                                    | 95 700*                                 | 47,0                    | 73,6                            | 62 700                                                                    | 117 100*                                | 55,9                    | 75,6                            | 58 400                                                                    | 120 300b                                | 26,0                           |
| 28,0                           | 26,9                    | 67,1                            | 60 700                                                                    | 91 800*                                 | 39,8                    | 71,4                            | 57 000                                                                    | 108 800*                                | 49,7                    | 73,9                            | 53 200                                                                    | 112 000                                 | 28,0                           |
| 30,0                           |                         |                                 |                                                                           |                                         | 31,2                    | 68,4                            | 52 100                                                                    | 102 800*                                | 42,9                    | 71,9                            | 48 700                                                                    | 104 800                                 | 30,0                           |
| 32,0                           |                         |                                 |                                                                           |                                         | 19,1                    | 63,7                            | 47 800                                                                    | 91 900*                                 | 35,0                    | 69,2                            | 44 700                                                                    | 98 200                                  | 32,0                           |
| 34,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,8                    | 65,5                            | 41 200                                                                    | 91 600                                  | 34,0                           |
| 36,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

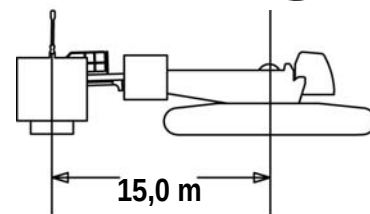
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

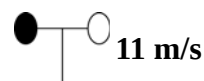
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 13,7                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 13,7                           |
| 14,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,0                           |
| 16,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,0                           |
| 18,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           | 57,7                    | 74,9                     | 42 800                                                                    | 99 200b                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 51,7                    | 73,4                     | 39 300                                                                    | 93 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 45,1                    | 71,5                     | 36 200                                                                    | 87 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 37,6                    | 69,1                     | 33 500                                                                    | 81 200                                  | 53,2                    | 72,3                     | 28 800                                                                    | 77 100                                  |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 28,3                    | 65,7                     | 31 000                                                                    | 75 900                                  | 46,8                    | 70,5                     | 26 600                                                                    | 72 100                                  |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         | 39,6                    | 68,2                     | 24 700                                                                    | 67 700                                  |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         | 30,9                    | 65,2                     | 22 900                                                                    | 63 600                                  | 48,0                    | 69,0                     | 19 100                                                                    | 60 300                                  | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         | 18,6                    | 60,5                     | 21 200                                                                    | 59 900                                  | 41,0                    | 66,8                     | 17 700                                                                    | 56 900                                  | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,6                    | 63,9                     | 16 400                                                                    | 53 800                                  | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 21,4                    | 59,7                     | 15 200                                                                    | 50 800                                  | 48,0                           |

# Liftcrane Luffing Jib Capacities

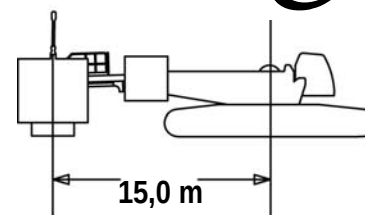
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

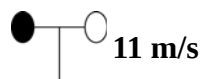
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 16,8                           | 71,0                    | 85,0                     | 115 200                                                                   | 144 100*b                               |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 16,8                           |
| 18,0                           | 68,4                    | 84,5                     | 105 600                                                                   | 133 500*b                               |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           | 64,2                    | 83,6                     | 92 500                                                                    | 119 100*b                               | 70,1                           | 84,6                    | 86 600                   | 150 300*b                                                                 |                                         |                                |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           | 59,8                    | 82,5                     | 82 200                                                                    | 107 900*                                | 66,0                           | 83,7                    | 76 900                   | 141 600b                                                                  |                                         |                                |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           | 55,2                    | 81,1                     | 73 800                                                                    | 99 100*                                 | 61,7                           | 82,7                    | 69 000                   | 129 600                                                                   |                                         |                                |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           | 50,3                    | 79,5                     | 66 800                                                                    | 91 900*                                 | 57,2                           | 81,4                    | 62 400                   | 117 200*                                                                  | 63,4                                    | 82,6                           | 58 100                  | 117 400b                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 45,0                    | 77,6                     | 60 900                                                                    | 86 100*                                 | 52,4                           | 79,9                    | 56 900                   | 107 500*                                                                  | 59,0                                    | 81,5                           | 52 900                  | 109 300                  |                                                                           |                                         | 28,0                           |
| 30,0                           | 39,1                    | 75,3                     | 55 800                                                                    | 81 600*                                 | 47,3                           | 78,1                    | 52 100                   | 99 800*                                                                   | 54,4                                    | 80,1                           | 48 400                  | 102 200                  |                                                                           |                                         | 30,0                           |
| 32,0                           | 32,3                    | 72,3                     | 51 400                                                                    | 78 200*                                 | 41,7                           | 76,0                    | 47 900                   | 93 600*                                                                   | 49,4                                    | 78,4                           | 44 500                  | 96 000                   |                                                                           |                                         | 32,0                           |
| 34,0                           | 23,8                    | 68,3                     | 47 300                                                                    | 74 000*                                 | 35,3                           | 73,3                    | 44 300                   | 88 500*                                                                   | 44,0                                    | 76,4                           | 41 100                  | 90 500                   |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         | 27,7                           | 69,8                    | 41 000                   | 82 100*                                                                   | 38,0                                    | 74,0                           | 38 100                  | 85 200                   |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         | 16,9                           | 64,6                    | 38 000                   | 71 200*                                                                   | 31,0                                    | 70,9                           | 35 400                  | 79 700                   |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           | 21,9                                    | 66,6                           | 32 900                  | 74 500                   |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 54,0                           |

# Liftcrane Luffing Jib Capacities

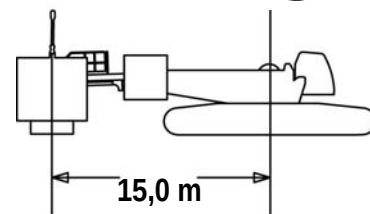
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

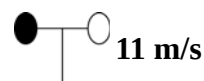
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 16,8                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,8                           |
| 18,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 60,4                    | 80,7                     | 38 700                                                                    | 90 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 55,8                    | 79,4                     | 35 700                                                                    | 85 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 51,0                    | 77,8                     | 33 100                                                                    | 80 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 45,7                    | 76,0                     | 30 700                                                                    | 75 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 40,0                    | 73,7                     | 28 500                                                                    | 71 000                                  | 52,2                    | 76,8                     | 24 200                                                                    | 67 200                                  |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 33,3                    | 70,9                     | 26 600                                                                    | 66 800                                  | 47,1                    | 75,0                     | 22 500                                                                    | 63 200                                  |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 25,1                    | 67,1                     | 24 800                                                                    | 63 000                                  | 41,5                    | 72,8                     | 21 000                                                                    | 59 700                                  |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         | 35,1                    | 70,2                     | 19 500                                                                    | 56 400                                  | 48,1                    | 73,4                     | 15 900                                                                    | 53 200                                  | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         | 27,4                    | 66,7                     | 18 200                                                                    | 53 400                                  | 42,6                    | 71,3                     | 14 700                                                                    | 50 400                                  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         | 16,5                    | 61,3                     | 16 900                                                                    | 50 600                                  | 36,3                    | 68,8                     | 13 700                                                                    | 47 900                                  | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 29,0                    | 65,5                     | 12 700                                                                    | 45 500                                  | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,9                    | 60,6                     | 11 700                                                                    | 43 300                                  | 54,0                           |

# Liftcrane Luffing Jib Capacities

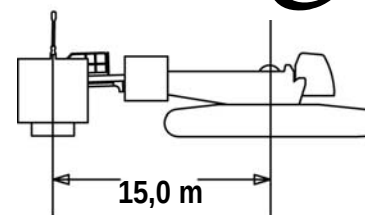
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

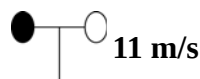
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 18,3                           | 71,7                    | 90,9                     | 103 100                                                                   | 131 300*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,3                           |
| 20,0                           | 68,8                    | 90,2                     | 92 200                                                                    | 118 800*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           | 65,3                    | 89,3                     | 81 800                                                                    | 107 100*                                |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           | 61,7                    | 88,3                     | 73 400                                                                    | 97 700*                                 | 66,8                    | 89,4                     | 68 500                                                                    | 127 000                                 |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           | 58,0                    | 87,0                     | 66 400                                                                    | 90 100*                                 | 63,2                    | 88,4                     | 61 900                                                                    | 118 200                                 |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           | 54,1                    | 85,6                     | 60 500                                                                    | 83 900*                                 | 59,5                    | 87,2                     | 56 300                                                                    | 108 500*                                | 64,7                    | 88,3                     | 52 200                                                                    | 106 600                                 | 28,0                           |
| 30,0                           | 49,9                    | 84,0                     | 55 400                                                                    | 78 700*                                 | 55,7                    | 85,9                     | 51 500                                                                    | 99 700*                                 | 61,0                    | 87,3                     | 47 700                                                                    | 99 600                                  | 30,0                           |
| 32,0                           | 45,6                    | 82,1                     | 51 000                                                                    | 74 400*                                 | 51,7                    | 84,4                     | 47 400                                                                    | 92 600*                                 | 57,3                    | 86,0                     | 43 800                                                                    | 93 600                                  | 32,0                           |
| 34,0                           | 40,8                    | 79,9                     | 47 200                                                                    | 70 000*                                 | 47,4                    | 82,6                     | 43 800                                                                    | 86 800*                                 | 53,4                    | 84,6                     | 40 500                                                                    | 88 100                                  | 34,0                           |
| 36,0                           | 35,5                    | 77,2                     | 43 700                                                                    | 64 600*                                 | 42,8                    | 80,5                     | 40 600                                                                    | 82 000*                                 | 49,2                    | 82,9                     | 37 500                                                                    | 83 300                                  | 36,0                           |
| 38,0                           | 29,3                    | 73,9                     | 40 600                                                                    | 60 200*                                 | 37,8                    | 78,1                     | 37 700                                                                    | 76 300*                                 | 44,8                    | 80,9                     | 34 800                                                                    | 78 900                                  | 38,0                           |
| 40,0                           | 21,6                    | 69,4                     | 37 900                                                                    | 56 900*                                 | 32,0                    | 75,0                     | 35 200                                                                    | 70 300*                                 | 39,9                    | 78,6                     | 32 400                                                                    | 74 300                                  | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         | 25,1                    | 71,2                     | 32 800                                                                    | 65 100*                                 | 34,5                    | 75,9                     | 30 300                                                                    | 69 900                                  | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         | 15,3                    | 65,3                     | 30 600                                                                    | 57 000*                                 | 28,1                    | 72,4                     | 28 300                                                                    | 66 000                                  | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,9                    | 67,7                     | 26 400                                                                    | 61 900                                  | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 60,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

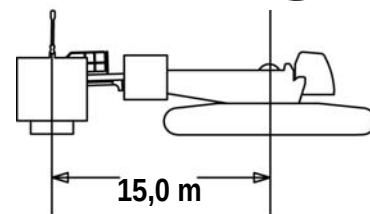
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

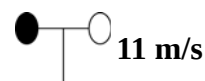
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 18,3                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,3                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 58,5                    | 85,3                     | 32 200                                                                    | 78 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 54,6                    | 83,9                     | 29 900                                                                    | 74 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 50,5                    | 82,3                     | 27 800                                                                    | 70 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 46,2                    | 80,5                     | 25 900                                                                    | 66 100                                  | 55,6                    | 82,8                     | 21 600                                                                    | 62 400                                  |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 41,5                    | 78,3                     | 24 200                                                                    | 62 400                                  | 51,6                    | 81,2                     | 20 100                                                                    | 58 800                                  |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 36,2                    | 75,7                     | 22 600                                                                    | 59 000                                  | 47,3                    | 79,5                     | 18 700                                                                    | 55 600                                  |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 30,2                    | 72,5                     | 21 100                                                                    | 55 900                                  | 42,7                    | 77,4                     | 17 400                                                                    | 52 700                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 22,8                    | 68,2                     | 19 700                                                                    | 53 100                                  | 37,6                    | 74,9                     | 16 300                                                                    | 50 000                                  | 48,1                    | 77,9                     | 12 800                                                                    | 47 100                                  | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         | 31,9                    | 71,9                     | 15 200                                                                    | 47 600                                  | 43,6                    | 75,9                     | 11 900                                                                    | 44 700                                  | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         | 24,9                    | 68,0                     | 14 100                                                                    | 45 300                                  | 38,6                    | 73,5                     | 11 000                                                                    | 42 600                                  | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         | 14,9                    | 62,0                     | 13 100                                                                    | 43 100                                  | 33,0                    | 70,6                     | 10 200                                                                    | 40 600                                  | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,3                    | 66,9                     | 9 400                                                                     | 38 700                                  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 17,1                    | 61,5                     | 8 600                                                                     | 37 000                                  | 60,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

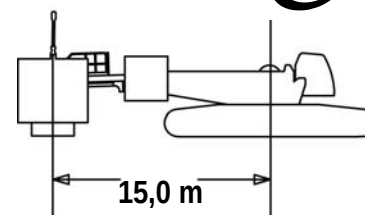
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

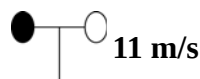
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 19,8                           | 72,2                    | 96,7                            | 93 100                                                                    | 112 800*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,8                           |
| 20,0                           | 71,9                    | 96,6                            | 92 000                                                                    | 112 300*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           | 69,0                    | 95,9                            | 81 600                                                                    | 106 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 66,1                    | 95,0                            | 73 100                                                                    | 98 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 63,0                    | 94,0                            | 66 100                                                                    | 89 700*                                 | 67,3                    | 95,1                            | 61 400                                                                    | 114 100                                 |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 59,9                    | 92,9                            | 60 100                                                                    | 83 100*                                 | 64,3                    | 94,1                            | 55 800                                                                    | 107 800                                 |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 56,6                    | 91,6                            | 55 100                                                                    | 77 500*                                 | 61,2                    | 93,0                            | 51 100                                                                    | 100 700                                 | 65,5                    | 94,1                            | 47 100                                                                    | 97 400                                  | 30,0                           |
| 32,0                           | 53,2                    | 90,1                            | 50 700                                                                    | 72 800*                                 | 58,0                    | 91,8                            | 46 900                                                                    | 93 600                                  | 62,5                    | 93,0                            | 43 300                                                                    | 91 400                                  | 32,0                           |
| 34,0                           | 49,7                    | 88,5                            | 46 800                                                                    | 67 700*                                 | 54,7                    | 90,4                            | 43 400                                                                    | 87 000*                                 | 59,3                    | 91,9                            | 39 900                                                                    | 86 100                                  | 34,0                           |
| 36,0                           | 46,0                    | 86,6                            | 43 400                                                                    | 62 600*                                 | 51,2                    | 88,8                            | 40 200                                                                    | 81 500*                                 | 56,0                    | 90,5                            | 36 900                                                                    | 81 400                                  | 36,0                           |
| 38,0                           | 41,9                    | 84,4                            | 40 400                                                                    | 58 000*                                 | 47,5                    | 87,1                            | 37 300                                                                    | 75 900*                                 | 52,6                    | 89,1                            | 34 300                                                                    | 77 100                                  | 38,0                           |
| 40,0                           | 37,6                    | 81,9                            | 37 700                                                                    | 53 900*                                 | 43,7                    | 85,0                            | 34 800                                                                    | 70 200*                                 | 49,1                    | 87,3                            | 31 900                                                                    | 73 200                                  | 40,0                           |
| 42,0                           | 32,7                    | 79,0                            | 35 200                                                                    | 50 300*                                 | 39,4                    | 82,7                            | 32 500                                                                    | 65 000*                                 | 45,3                    | 85,4                            | 29 800                                                                    | 69 500                                  | 42,0                           |
| 44,0                           | 27,0                    | 75,3                            | 33 000                                                                    | 47 300*                                 | 34,8                    | 79,9                            | 30 400                                                                    | 60 300*                                 | 41,2                    | 83,2                            | 27 800                                                                    | 65 500                                  | 44,0                           |
| 46,0                           | 19,9                    | 70,5                            | 30 800                                                                    | 45 100*                                 | 29,5                    | 76,6                            | 28 500                                                                    | 56 200*                                 | 36,8                    | 80,7                            | 26 100                                                                    | 62 000                                  | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 23,1                    | 72,4                            | 26 700                                                                    | 52 700*                                 | 31,8                    | 77,6                            | 24 400                                                                    | 58 700                                  | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 14,1                    | 66,1                            | 25 000                                                                    | 46 900*                                 | 25,9                    | 73,8                            | 22 900                                                                    | 55 000*                                 | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,3                    | 68,6                            | 21 500                                                                    | 51 100*                                 | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

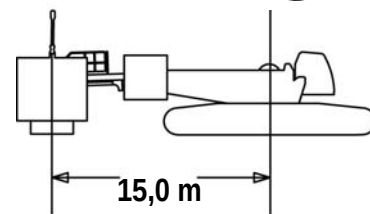
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

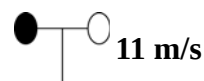
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 19,8                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,8                           |
| 20,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 60,3                    | 91,1                            | 29 200                                                                    | 72 600                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 57,1                    | 89,9                            | 27 200                                                                    | 68 900                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 53,7                    | 88,4                            | 25 300                                                                    | 65 400                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 50,2                    | 86,8                            | 23 600                                                                    | 61 900                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 46,5                    | 84,9                            | 22 000                                                                    | 58 500                                  | 54,6                    | 87,3                            | 18 000                                                                    | 55 000                                  |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 42,5                    | 82,8                            | 20 600                                                                    | 55 400                                  | 51,1                    | 85,7                            | 16 800                                                                    | 52 100                                  |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 38,2                    | 80,4                            | 19 300                                                                    | 52 600                                  | 47,4                    | 83,9                            | 15 600                                                                    | 49 400                                  |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 33,4                    | 77,5                            | 18 100                                                                    | 50 000                                  | 43,5                    | 81,9                            | 14 600                                                                    | 47 000                                  | 51,7                    | 84,1                            | 11 100                                                                    | 44 100                                  | 52,0                           |
| 54,0                           | 27,9                    | 74,0                            | 16 900                                                                    | 47 700                                  | 39,3                    | 79,5                            | 13 600                                                                    | 44 800                                  | 48,1                    | 82,4                            | 10 300                                                                    | 42 000                                  | 54,0                           |
| 56,0                           | 21,0                    | 69,3                            | 15 800                                                                    | 45 400                                  | 34,7                    | 76,8                            | 12 700                                                                    | 42 700                                  | 44,3                    | 80,4                            | 9 500                                                                     | 40 000                                  | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 29,4                    | 73,4                            | 11 800                                                                    | 40 800                                  | 40,1                    | 78,1                            | 8 800                                                                     | 38 200                                  | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 22,9                    | 69,2                            | 11 000                                                                    | 38 900                                  | 35,5                    | 75,4                            | 8 100                                                                     | 36 500                                  | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 13,7                    | 62,7                            | 10 100                                                                    | 37 200                                  | 30,4                    | 72,2                            | 7 500                                                                     | 34 900                                  | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,2                    | 68,1                            | 6 800                                                                     | 33 400                                  | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,8                    | 62,3                            | 6 200                                                                     | 31 900                                  | 66,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

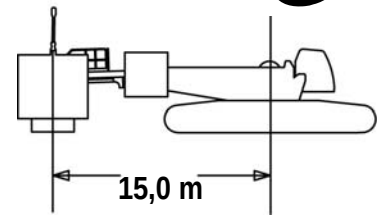
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

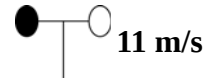
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

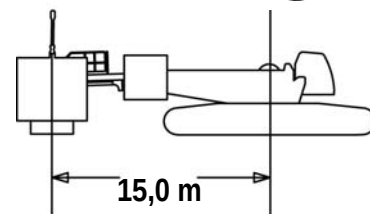
54,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 21,3                           | 72,6                    | 102,5                           | 84 300                                                                    | 96 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,3                           |
| 22,0                           | 71,8                    | 102,3                           | 81 200                                                                    | 95 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 69,2                    | 101,5                           | 72 600                                                                    | 90 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 66,6                    | 100,7                           | 65 600                                                                    | 85 500*                                 | 70,3                    | 101,5                           | 60 700                                                                    | 98 400*                                 |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 64,0                    | 99,7                            | 59 600                                                                    | 80 300*                                 | 67,7                    | 100,7                           | 55 200                                                                    | 97 600*                                 |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 61,3                    | 98,7                            | 54 500                                                                    | 75 100*                                 | 65,1                    | 99,8                            | 50 400                                                                    | 94 000*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 58,5                    | 97,4                            | 50 100                                                                    | 70 000*                                 | 62,4                    | 98,8                            | 46 300                                                                    | 89 100*                                 | 66,2                    | 99,7                            | 42 500                                                                    | 89 100                                  | 32,0                           |
| 34,0                           | 55,6                    | 96,1                            | 46 300                                                                    | 65 200*                                 | 59,6                    | 97,6                            | 42 700                                                                    | 84 000*                                 | 63,5                    | 98,8                            | 39 100                                                                    | 83 900                                  | 34,0                           |
| 36,0                           | 52,6                    | 94,6                            | 42 800                                                                    | 60 600*                                 | 56,8                    | 96,3                            | 39 500                                                                    | 78 800*                                 | 60,8                    | 97,7                            | 36 200                                                                    | 79 300                                  | 36,0                           |
| 38,0                           | 49,5                    | 92,9                            | 39 800                                                                    | 56 300*                                 | 53,9                    | 94,9                            | 36 700                                                                    | 73 600*                                 | 58,0                    | 96,4                            | 33 500                                                                    | 75 100                                  | 38,0                           |
| 40,0                           | 46,2                    | 91,1                            | 37 100                                                                    | 52 400*                                 | 50,8                    | 93,3                            | 34 100                                                                    | 68 700*                                 | 55,1                    | 95,1                            | 31 200                                                                    | 71 300                                  | 40,0                           |
| 42,0                           | 42,8                    | 88,9                            | 34 700                                                                    | 48 900*                                 | 47,6                    | 91,5                            | 31 900                                                                    | 63 900*                                 | 52,1                    | 93,5                            | 29 100                                                                    | 67 800                                  | 42,0                           |
| 44,0                           | 39,1                    | 86,6                            | 32 500                                                                    | 45 700*                                 | 44,2                    | 89,5                            | 29 800                                                                    | 59 500*                                 | 48,9                    | 91,8                            | 27 100                                                                    | 64 700                                  | 44,0                           |
| 46,0                           | 35,0                    | 83,8                            | 30 400                                                                    | 42 800*                                 | 40,6                    | 87,3                            | 27 900                                                                    | 55 400*                                 | 45,6                    | 89,9                            | 25 400                                                                    | 61 400                                  | 46,0                           |
| 48,0                           | 30,5                    | 80,6                            | 28 600                                                                    | 40 400*                                 | 36,7                    | 84,7                            | 26 200                                                                    | 51 700*                                 | 42,1                    | 87,8                            | 23 800                                                                    | 58 100                                  | 48,0                           |
| 50,0                           | 25,2                    | 76,7                            | 26 900                                                                    | 38 300*                                 | 32,4                    | 81,7                            | 24 600                                                                    | 48 300*                                 | 38,4                    | 85,3                            | 22 300                                                                    | 54 900                                  | 50,0                           |
| 52,0                           | 18,5                    | 71,4                            | 25 200                                                                    | 36 700*                                 | 27,5                    | 78,1                            | 23 100                                                                    | 45 400*                                 | 34,2                    | 82,5                            | 20 900                                                                    | 51 500*                                 | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 21,5                    | 73,5                            | 21 700                                                                    | 42 900*                                 | 29,6                    | 79,2                            | 19 700                                                                    | 48 400*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 13,1                    | 66,7                            | 20 400                                                                    | 38 800*                                 | 24,1                    | 75,1                            | 18 500                                                                    | 45 500*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,0                    | 69,5                            | 17 300                                                                    | 42 500*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |

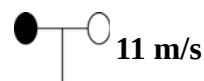
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 21,3                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 21,3                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 61,6                    | 96,9                     | 26 300                                                                    | 67 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 58,9                    | 95,7                     | 24 400                                                                    | 63 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 56,0                    | 94,4                     | 22 700                                                                    | 60 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 53,0                    | 92,9                     | 21 200                                                                    | 57 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 49,9                    | 91,3                     | 19 800                                                                    | 54 600                                  | 56,7                    | 93,2                     | 15 800                                                                    | 51 200                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 46,7                    | 89,4                     | 18 500                                                                    | 51 900                                  | 53,8                    | 91,8                     | 14 700                                                                    | 48 600                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 43,3                    | 87,4                     | 17 300                                                                    | 49 300                                  | 50,7                    | 90,2                     | 13 600                                                                    | 46 200                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 39,6                    | 85,0                     | 16 200                                                                    | 47 000                                  | 47,5                    | 88,4                     | 12 700                                                                    | 44 000                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 35,6                    | 82,3                     | 15 200                                                                    | 44 800                                  | 44,1                    | 86,4                     | 11 800                                                                    | 41 900                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 31,1                    | 79,2                     | 14 200                                                                    | 42 800                                  | 40,5                    | 84,1                     | 11 000                                                                    | 40 000                                  | 48,1                    | 86,8                     | 7 900                                                                     | 37 300                                  | 58,0                           |
| 60,0                           | 26,0                    | 75,3                     | 13 300                                                                    | 40 800                                  | 36,6                    | 81,5                     | 10 200                                                                    | 38 200                                  | 44,8                    | 84,9                     | 7 200                                                                     | 35 600                                  | 60,0                           |
| 62,0                           | 19,5                    | 70,3                     | 12 400                                                                    | 39 100                                  | 32,3                    | 78,5                     | 9 500                                                                     | 36 600                                  | 41,2                    | 82,7                     | 6 600                                                                     | 34 100                                  | 62,0                           |
| 64,0                           | 9,3                     | 62,0                     | 11 400                                                                    | 37 300                                  | 27,4                    | 74,9                     | 8 800                                                                     | 35 000                                  | 37,4                    | 80,1                     | 6 000                                                                     | 32 600                                  | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         | 21,3                    | 70,3                     | 8 100                                                                     | 33 500                                  | 33,1                    | 77,2                     | 5 400                                                                     | 31 200                                  | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         | 12,7                    | 63,3                     | 7 400                                                                     | 32 100                                  | 28,3                    | 73,7                     | 4 900                                                                     | 29 900                                  | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,5                    | 69,3                     | 4 400                                                                     | 28 700                                  | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,7                    | 63,0                     | 3 800                                                                     | 27 500                                  | 72,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

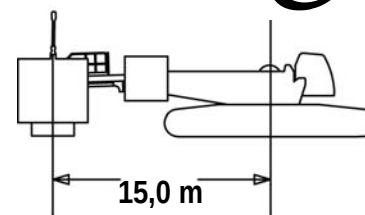
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

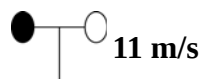
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

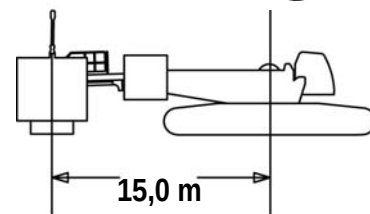
54,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 24,4                           | 71,2                    | 107,8                           | 70 700                                                                    | 80 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,4                           |
| 26,0                           | 69,4                    | 107,2                           | 65 100                                                                    | 77 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 67,1                    | 106,4                           | 59 100                                                                    | 74 100*                                 | 70,3                    | 107,2                           | 54 600                                                                    | 81 700*                                 |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 64,7                    | 105,4                           | 54 000                                                                    | 70 100*                                 | 68,0                    | 106,4                           | 49 800                                                                    | 81 700*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 62,3                    | 104,4                           | 49 600                                                                    | 66 100*                                 | 65,7                    | 105,5                           | 45 700                                                                    | 81 500*                                 |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 59,9                    | 103,3                           | 45 800                                                                    | 62 200*                                 | 63,3                    | 104,5                           | 42 100                                                                    | 77 900*                                 | 66,7                    | 105,4                           | 38 500                                                                    | 78 500*                                 | 34,0                           |
| 36,0                           | 57,4                    | 102,0                           | 42 300                                                                    | 58 300*                                 | 60,9                    | 103,4                           | 38 900                                                                    | 74 100*                                 | 64,3                    | 104,5                           | 35 500                                                                    | 77 100                                  | 36,0                           |
| 38,0                           | 54,8                    | 100,6                           | 39 300                                                                    | 54 600*                                 | 58,4                    | 102,2                           | 36 100                                                                    | 70 200*                                 | 61,9                    | 103,4                           | 32 900                                                                    | 73 300                                  | 38,0                           |
| 40,0                           | 52,1                    | 99,1                            | 36 600                                                                    | 51 000*                                 | 55,9                    | 100,9                           | 33 600                                                                    | 66 200*                                 | 59,5                    | 102,2                           | 30 600                                                                    | 69 600                                  | 40,0                           |
| 42,0                           | 49,4                    | 97,4                            | 34 200                                                                    | 47 800*                                 | 53,3                    | 99,4                            | 31 300                                                                    | 62 200*                                 | 56,9                    | 101,0                           | 28 400                                                                    | 66 200                                  | 42,0                           |
| 44,0                           | 46,5                    | 95,5                            | 32 000                                                                    | 44 700*                                 | 50,5                    | 97,8                            | 29 300                                                                    | 58 400*                                 | 54,3                    | 99,6                            | 26 500                                                                    | 63 100                                  | 44,0                           |
| 46,0                           | 43,4                    | 93,5                            | 30 000                                                                    | 41 900*                                 | 47,7                    | 96,0                            | 27 400                                                                    | 54 700*                                 | 51,7                    | 98,0                            | 24 800                                                                    | 60 200                                  | 46,0                           |
| 48,0                           | 40,2                    | 91,2                            | 28 200                                                                    | 39 400*                                 | 44,7                    | 94,0                            | 25 700                                                                    | 51 200*                                 | 48,9                    | 96,3                            | 23 200                                                                    | 57 500                                  | 48,0                           |
| 50,0                           | 36,7                    | 88,6                            | 26 400                                                                    | 37 100*                                 | 41,6                    | 91,8                            | 24 100                                                                    | 47 900*                                 | 45,9                    | 94,4                            | 21 700                                                                    | 54 700                                  | 50,0                           |
| 52,0                           | 32,9                    | 85,6                            | 24 900                                                                    | 35 000*                                 | 38,2                    | 89,4                            | 22 600                                                                    | 45 000*                                 | 42,9                    | 92,3                            | 20 400                                                                    | 51 500*                                 | 52,0                           |
| 54,0                           | 28,6                    | 82,1                            | 23 400                                                                    | 33 200*                                 | 34,5                    | 86,6                            | 21 300                                                                    | 42 200*                                 | 39,6                    | 89,9                            | 19 100                                                                    | 48 300*                                 | 54,0                           |
| 56,0                           | 23,7                    | 77,9                            | 22 100                                                                    | 31 700*                                 | 30,5                    | 83,3                            | 20 000                                                                    | 39 800*                                 | 36,1                    | 87,3                            | 18 000                                                                    | 45 500*                                 | 56,0                           |
| 58,0                           | 17,4                    | 72,3                            | 20 800                                                                    | 30 600*                                 | 25,9                    | 79,5                            | 18 900                                                                    | 37 600*                                 | 32,2                    | 84,2                            | 16 900                                                                    | 42 900*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 20,3                    | 74,6                            | 17 700                                                                    | 35 800*                                 | 27,8                    | 80,7                            | 15 900                                                                    | 40 500*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 12,3                    | 67,3                            | 16 600                                                                    | 32 600*                                 | 22,7                    | 76,3                            | 14 900                                                                    | 38 300*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,0                    | 70,3                            | 13 900                                                                    | 35 700*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |

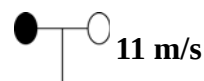
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 24,4                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,4                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 60,2                    | 101,5                    | 22 000                                                                    | 59 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 57,7                    | 100,3                    | 20 500                                                                    | 56 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 55,2                    | 98,9                     | 19 100                                                                    | 53 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 52,5                    | 97,4                     | 17 800                                                                    | 51 200                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 49,7                    | 95,7                     | 16 600                                                                    | 48 700                                  | 55,8                    | 97,8                     | 12 900                                                                    | 45 500                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 46,9                    | 93,9                     | 15 500                                                                    | 46 400                                  | 53,2                    | 96,3                     | 11 900                                                                    | 43 300                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 43,8                    | 91,9                     | 14 500                                                                    | 44 200                                  | 50,5                    | 94,7                     | 11 100                                                                    | 41 200                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 40,6                    | 89,6                     | 13 600                                                                    | 42 200                                  | 47,6                    | 92,9                     | 10 300                                                                    | 39 300                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 37,2                    | 87,1                     | 12 700                                                                    | 40 300                                  | 44,6                    | 90,9                     | 9 500                                                                     | 37 600                                  | 50,9                    | 93,1                     | 6 400                                                                     | 34 900                                  | 60,0                           |
| 62,0                           | 33,4                    | 84,1                     | 11 900                                                                    | 38 600                                  | 41,5                    | 88,7                     | 8 800                                                                     | 35 900                                  | 48,1                    | 91,3                     | 5 800                                                                     | 33 400                                  | 62,0                           |
| 64,0                           | 29,3                    | 80,7                     | 11 100                                                                    | 36 900                                  | 38,1                    | 86,2                     | 8 100                                                                     | 34 400                                  | 45,2                    | 89,4                     | 5 300                                                                     | 31 900                                  | 64,0                           |
| 66,0                           | 24,4                    | 76,6                     | 10 300                                                                    | 35 400                                  | 34,4                    | 83,4                     | 7 500                                                                     | 33 000                                  | 42,0                    | 87,2                     | 4 700                                                                     | 30 600                                  | 66,0                           |
| 68,0                           | 18,4                    | 71,3                     | 9 500                                                                     | 33 900                                  | 30,4                    | 80,2                     | 6 900                                                                     | 31 600                                  | 38,7                    | 84,8                     | 4 200                                                                     | 29 300                                  | 68,0                           |
| 70,0                           | 8,7                     | 62,4                     | 8 800                                                                     | 32 500                                  | 25,7                    | 76,3                     | 6 300                                                                     | 30 300                                  | 35,1                    | 82,1                     | 3 700                                                                     | 28 100                                  | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         | 20,1                    | 71,3                     | 5 700                                                                     | 29 100                                  | 31,1                    | 78,9                     | 3 300                                                                     | 27 000                                  | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         | 12,0                    | 64,0                     | 5 100                                                                     | 27 900                                  | 26,6                    | 75,1                     | 2 800                                                                     | 25 800                                  | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 21,2                    | 70,4                     | 2 400                                                                     | 24 800                                  | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 13,8                    | 63,7                     | 1 900                                                                     | 23 800                                  | 78,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

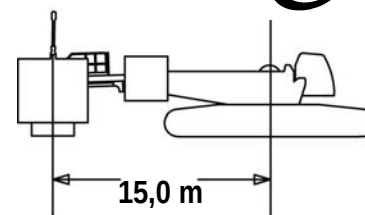
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

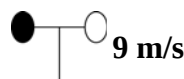
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 27,4                           | 70,1                    | 113,1                           | 60 100                                                                    | 68 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,4                           |
| 28,0                           | 69,5                    | 112,8                           | 58 600                                                                    | 67 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 67,4                    | 112,0                           | 53 400                                                                    | 64 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 65,3                    | 111,1                           | 49 000                                                                    | 61 300*                                 | 68,3                    | 112,1                           | 45 000                                                                    | 68 400*                                 |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 63,2                    | 110,1                           | 45 100                                                                    | 58 200*                                 | 66,2                    | 111,2                           | 41 400                                                                    | 68 400*                                 |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 61,0                    | 109,0                           | 41 700                                                                    | 55 100*                                 | 64,1                    | 110,2                           | 38 200                                                                    | 67 800*                                 |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 58,8                    | 107,8                           | 38 700                                                                    | 52 000*                                 | 61,9                    | 109,2                           | 35 400                                                                    | 65 300*                                 | 64,9                    | 110,2                           | 32 100                                                                    | 65 400*                                 | 38,0                           |
| 40,0                           | 56,5                    | 106,5                           | 36 000                                                                    | 49 100*                                 | 59,7                    | 108,0                           | 32 800                                                                    | 62 300*                                 | 62,8                    | 109,2                           | 29 700                                                                    | 65 400*                                 | 40,0                           |
| 42,0                           | 54,2                    | 105,1                           | 33 600                                                                    | 46 200*                                 | 57,5                    | 106,8                           | 30 600                                                                    | 59 200*                                 | 60,6                    | 108,0                           | 27 600                                                                    | 64 300                                  | 42,0                           |
| 44,0                           | 51,7                    | 103,6                           | 31 400                                                                    | 43 500*                                 | 55,1                    | 105,4                           | 28 500                                                                    | 56 100*                                 | 58,4                    | 106,8                           | 25 700                                                                    | 61 400                                  | 44,0                           |
| 46,0                           | 49,2                    | 101,9                           | 29 300                                                                    | 40 900*                                 | 52,8                    | 103,9                           | 26 700                                                                    | 53 100*                                 | 56,1                    | 105,5                           | 24 000                                                                    | 58 600                                  | 46,0                           |
| 48,0                           | 46,6                    | 100,0                           | 27 500                                                                    | 38 500*                                 | 50,3                    | 102,3                           | 25 000                                                                    | 50 100*                                 | 53,7                    | 104,1                           | 22 400                                                                    | 56 000                                  | 48,0                           |
| 50,0                           | 43,9                    | 98,0                            | 25 800                                                                    | 36 300*                                 | 47,7                    | 100,5                           | 23 400                                                                    | 47 200*                                 | 51,3                    | 102,5                           | 21 000                                                                    | 53 500                                  | 50,0                           |
| 52,0                           | 41,0                    | 95,7                            | 24 300                                                                    | 34 200*                                 | 45,1                    | 98,5                            | 22 000                                                                    | 44 400*                                 | 48,8                    | 100,8                           | 19 600                                                                    | 51 000*                                 | 52,0                           |
| 54,0                           | 38,0                    | 93,2                            | 22 900                                                                    | 32 400*                                 | 42,3                    | 96,4                            | 20 600                                                                    | 41 800*                                 | 46,2                    | 98,9                            | 18 400                                                                    | 47 900*                                 | 54,0                           |
| 56,0                           | 34,7                    | 90,5                            | 21 500                                                                    | 30 700*                                 | 39,3                    | 94,0                            | 19 400                                                                    | 39 400*                                 | 43,4                    | 96,8                            | 17 200                                                                    | 45 100*                                 | 56,0                           |
| 58,0                           | 31,1                    | 87,3                            | 20 300                                                                    | 29 200*                                 | 36,1                    | 91,3                            | 18 200                                                                    | 37 200*                                 | 40,5                    | 94,5                            | 16 100                                                                    | 42 500*                                 | 58,0                           |
| 60,0                           | 27,1                    | 83,6                            | 19 100                                                                    | 27 900*                                 | 32,7                    | 88,3                            | 17 200                                                                    | 35 200*                                 | 37,4                    | 92,0                            | 15 100                                                                    | 40 100*                                 | 60,0                           |
| 62,0                           | 22,4                    | 79,1                            | 18 000                                                                    | 26 800*                                 | 28,8                    | 84,9                            | 16 100                                                                    | 33 300*                                 | 34,1                    | 89,1                            | 14 200                                                                    | 37 900*                                 | 62,0                           |
| 64,0                           | 16,4                    | 73,2                            | 17 000                                                                    | 25 900*                                 | 24,5                    | 80,8                            | 15 100                                                                    | 31 700*                                 | 30,5                    | 85,9                            | 13 300                                                                    | 35 900*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 19,2                    | 75,6                            | 14 200                                                                    | 30 200*                                 | 26,3                    | 82,1                            | 12 500                                                                    | 34 000*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 11,6                    | 67,9                            | 13 300                                                                    | 27 300*                                 | 21,5                    | 77,4                            | 11 700                                                                    | 32 200*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,1                    | 71,1                            | 10 900                                                                    | 29 900*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 84,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

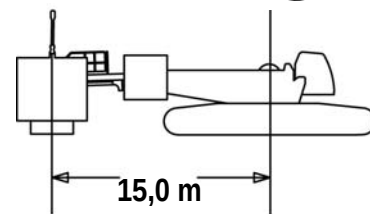
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

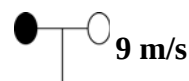
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 27,4                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 27,4                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 61,3                    | 107,3                    | 19 500                                                                    | 54 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 59,1                    | 106,1                    | 18 200                                                                    | 52 200                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 56,8                    | 104,8                    | 16 900                                                                    | 50 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 54,5                    | 103,4                    | 15 700                                                                    | 47 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 52,1                    | 101,9                    | 14 700                                                                    | 45 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 49,6                    | 100,2                    | 13 600                                                                    | 43 400                                  | 55,1                    | 102,3                    | 10 100                                                                    | 40 400                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 47,0                    | 98,4                     | 12 700                                                                    | 41 400                                  | 52,7                    | 100,8                    | 9 400                                                                     | 38 500                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 44,3                    | 96,4                     | 11 900                                                                    | 39 600                                  | 50,2                    | 99,1                     | 8 600                                                                     | 36 800                                  |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 41,4                    | 94,2                     | 11 000                                                                    | 37 800                                  | 47,7                    | 97,4                     | 7 900                                                                     | 35 100                                  |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           | 38,4                    | 91,7                     | 10 200                                                                    | 36 200                                  | 45,0                    | 95,4                     | 7 300                                                                     | 33 600                                  | 50,7                    | 97,6                     | 4 300                                                                     | 31 000                                  | 64,0                           |
| 66,0                           | 35,2                    | 89,0                     | 9 500                                                                     | 34 700                                  | 42,2                    | 93,2                     | 6 600                                                                     | 32 200                                  | 48,1                    | 95,8                     | 3 700                                                                     | 29 700                                  | 66,0                           |
| 68,0                           | 31,6                    | 85,8                     | 8 800                                                                     | 33 300                                  | 39,2                    | 90,8                     | 6 000                                                                     | 30 800                                  | 45,5                    | 93,9                     | 3 300                                                                     | 28 400                                  | 68,0                           |
| 70,0                           | 27,7                    | 82,2                     | 8 200                                                                     | 31 900                                  | 36,0                    | 88,2                     | 5 500                                                                     | 29 500                                  | 42,7                    | 91,8                     | 2 800                                                                     | 27 300                                  | 70,0                           |
| 72,0                           | 23,1                    | 77,8                     | 7 600                                                                     | 30 600                                  | 32,6                    | 85,2                     | 4 900                                                                     | 28 400                                  | 39,8                    | 89,4                     | 2 400                                                                     | 26 100                                  | 72,0                           |
| 74,0                           | 17,4                    | 72,2                     | 6 900                                                                     | 29 400                                  | 28,7                    | 81,7                     | 4 400                                                                     | 27 200                                  | 36,6                    | 86,8                     | 2 000                                                                     | 25 100                                  | 74,0                           |
| 76,0                           | 8,2                     | 62,8                     | 6 300                                                                     | 27 800                                  | 24,3                    | 77,5                     | 3 900                                                                     | 26 100                                  | 33,2                    | 83,8                     | 1 500                                                                     | 24 000                                  | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         | 19,0                    | 72,3                     | 3 500                                                                     | 25 100                                  | 29,5                    | 80,5                     | 1 100                                                                     | 23 100                                  | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         | 11,3                    | 64,5                     | 3 000                                                                     | 24 100                                  | 25,2                    | 76,5                     | 800                                                                       | 22 200                                  | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                    | 71,5                     |                                                                           | 21 300                                  | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 13,0                    | 64,4                     |                                                                           | 20 400                                  | 84,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

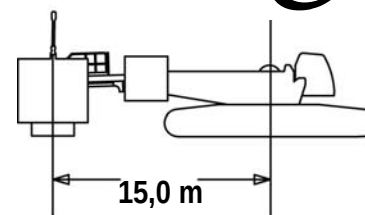
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

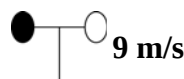
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 30,5                           | 69,1                    | 118,3                    | 51 600                                                                    | 57 600*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,5                           |
| 32,0                           | 67,7                    | 117,7                    | 48 300                                                                    | 55 900*                                 | 70,3                    | 118,5                    | 44 200                                                                    | 57 400*                                 |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 65,8                    | 116,8                    | 44 400                                                                    | 53 600*                                 | 68,5                    | 117,7                    | 40 600                                                                    | 57 400*                                 |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 63,9                    | 115,8                    | 41 000                                                                    | 51 300*                                 | 66,6                    | 116,9                    | 37 400                                                                    | 57 300*                                 |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 61,9                    | 114,8                    | 38 000                                                                    | 48 900*                                 | 64,7                    | 115,9                    | 34 600                                                                    | 57 100*                                 |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 59,9                    | 113,7                    | 35 300                                                                    | 46 500*                                 | 62,7                    | 114,9                    | 32 100                                                                    | 56 800*                                 | 65,5                    | 115,9                    | 28 900                                                                    | 54 700*                                 | 40,0                           |
| 42,0                           | 57,9                    | 112,4                    | 32 800                                                                    | 44 100*                                 | 60,8                    | 113,8                    | 29 800                                                                    | 55 200*                                 | 63,5                    | 114,9                    | 26 800                                                                    | 54 700*                                 | 42,0                           |
| 44,0                           | 55,8                    | 111,1                    | 30 600                                                                    | 41 900*                                 | 58,7                    | 112,6                    | 27 800                                                                    | 52 800*                                 | 61,6                    | 113,8                    | 24 900                                                                    | 54 700*                                 | 44,0                           |
| 46,0                           | 53,6                    | 109,6                    | 28 600                                                                    | 39 600*                                 | 56,7                    | 111,3                    | 25 900                                                                    | 50 400*                                 | 59,6                    | 112,7                    | 23 100                                                                    | 54 700*                                 | 46,0                           |
| 48,0                           | 51,4                    | 108,1                    | 26 800                                                                    | 37 500*                                 | 54,5                    | 109,9                    | 24 200                                                                    | 48 100*                                 | 57,5                    | 111,4                    | 21 600                                                                    | 54 100                                  | 48,0                           |
| 50,0                           | 49,1                    | 106,3                    | 25 100                                                                    | 35 500*                                 | 52,4                    | 108,4                    | 22 600                                                                    | 45 700*                                 | 55,4                    | 110,0                    | 20 100                                                                    | 52 000                                  | 50,0                           |
| 52,0                           | 46,8                    | 104,5                    | 23 600                                                                    | 33 600*                                 | 50,1                    | 106,8                    | 21 200                                                                    | 43 400*                                 | 53,3                    | 108,6                    | 18 800                                                                    | 49 800                                  | 52,0                           |
| 54,0                           | 44,3                    | 102,5                    | 22 200                                                                    | 31 800*                                 | 47,8                    | 105,0                    | 19 800                                                                    | 41 100*                                 | 51,0                    | 107,0                    | 17 600                                                                    | 47 300*                                 | 54,0                           |
| 56,0                           | 41,7                    | 100,3                    | 20 800                                                                    | 30 100*                                 | 45,4                    | 103,0                    | 18 600                                                                    | 39 000*                                 | 48,7                    | 105,2                    | 16 400                                                                    | 44 400*                                 | 56,0                           |
| 58,0                           | 39,0                    | 97,9                     | 19 600                                                                    | 28 600*                                 | 42,8                    | 100,9                    | 17 500                                                                    | 36 900*                                 | 46,4                    | 103,4                    | 15 400                                                                    | 41 900*                                 | 58,0                           |
| 60,0                           | 36,1                    | 95,2                     | 18 500                                                                    | 27 200*                                 | 40,2                    | 98,6                     | 16 400                                                                    | 35 000*                                 | 43,9                    | 101,3                    | 14 400                                                                    | 39 500*                                 | 60,0                           |
| 62,0                           | 33,0                    | 92,2                     | 17 400                                                                    | 26 000*                                 | 37,4                    | 96,0                     | 15 400                                                                    | 33 100*                                 | 41,3                    | 99,1                     | 13 500                                                                    | 37 400*                                 | 62,0                           |
| 64,0                           | 29,6                    | 88,9                     | 16 400                                                                    | 24 800*                                 | 34,4                    | 93,2                     | 14 500                                                                    | 31 400*                                 | 38,5                    | 96,6                     | 12 600                                                                    | 35 300*                                 | 64,0                           |
| 66,0                           | 25,8                    | 84,9                     | 15 400                                                                    | 23 800*                                 | 31,1                    | 90,0                     | 13 600                                                                    | 29 900*                                 | 35,6                    | 93,9                     | 11 700                                                                    | 33 500*                                 | 66,0                           |
| 68,0                           | 21,3                    | 80,2                     | 14 500                                                                    | 23 000*                                 | 27,4                    | 86,3                     | 12 700                                                                    | 28 500*                                 | 32,4                    | 90,9                     | 11 000                                                                    | 31 700*                                 | 68,0                           |
| 70,0                           | 15,6                    | 74,0                     | 13 600                                                                    | 22 400*                                 | 23,3                    | 82,0                     | 11 900                                                                    | 27 300*                                 | 29,0                    | 87,4                     | 10 200                                                                    | 30 100*                                 | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         | 18,2                    | 76,5                     | 11 100                                                                    | 26 000*                                 | 25,1                    | 83,4                     | 9 500                                                                     | 28 600*                                 | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         | 11,0                    | 68,5                     | 10 400                                                                    | 22 700*                                 | 20,4                    | 78,4                     | 8 800                                                                     | 27 100*                                 | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,4                    | 71,8                     | 8 200                                                                     | 25 000*                                 | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

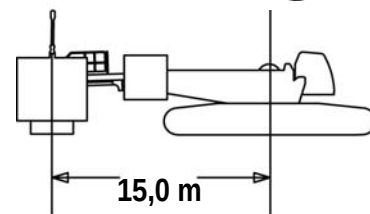
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

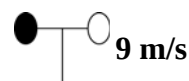
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 30,5                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,5                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 62,2                    | 113,1                    | 17 200                                                                    | 49 800*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 60,2                    | 111,9                    | 16 000                                                                    | 48 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 58,1                    | 110,7                    | 14 800                                                                    | 46 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 56,1                    | 109,4                    | 13 800                                                                    | 44 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 53,9                    | 107,9                    | 12 800                                                                    | 42 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 51,7                    | 106,4                    | 11 800                                                                    | 40 600                                  | 56,6                    | 108,2                    | 8 400                                                                     | 37 700                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 49,5                    | 104,7                    | 11 000                                                                    | 38 800                                  | 54,5                    | 106,8                    | 7 600                                                                     | 35 900                                  |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 47,1                    | 102,9                    | 10 200                                                                    | 37 000                                  | 52,3                    | 105,3                    | 7 000                                                                     | 34 300                                  |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           | 44,7                    | 100,9                    | 9 400                                                                     | 35 400                                  | 50,0                    | 103,6                    | 6 300                                                                     | 32 800                                  |                         |                          |                                                                           |                                         | 64,0                           |
| 66,0                           | 42,1                    | 98,7                     | 8 700                                                                     | 33 900                                  | 47,7                    | 101,8                    | 5 700                                                                     | 31 300                                  |                         |                          |                                                                           |                                         | 66,0                           |
| 68,0                           | 39,4                    | 96,3                     | 8 000                                                                     | 32 500                                  | 45,3                    | 99,9                     | 5 100                                                                     | 30 000                                  | 50,5                    | 102,0                    | 2 300                                                                     | 27 600                                  | 68,0                           |
| 70,0                           | 36,5                    | 93,7                     | 7 400                                                                     | 31 200                                  | 42,8                    | 97,8                     | 4 600                                                                     | 28 800                                  | 48,1                    | 100,3                    | 1 800                                                                     | 26 400                                  | 70,0                           |
| 72,0                           | 33,5                    | 90,8                     | 6 800                                                                     | 29 900                                  | 40,1                    | 95,4                     | 4 100                                                                     | 27 600                                  | 45,7                    | 98,4                     | 1 400                                                                     | 25 300                                  | 72,0                           |
| 74,0                           | 30,1                    | 87,4                     | 6 200                                                                     | 28 700                                  | 37,3                    | 92,9                     | 3 600                                                                     | 26 500                                  | 43,2                    | 96,3                     | 1 000                                                                     | 24 200                                  | 74,0                           |
| 76,0                           | 26,3                    | 83,6                     | 5 700                                                                     | 27 600                                  | 34,3                    | 90,0                     | 3 100                                                                     | 25 400                                  | 40,6                    | 94,0                     |                                                                           | 23 200                                  | 76,0                           |
| 78,0                           | 22,0                    | 79,0                     | 5 100                                                                     | 26 500                                  | 31,0                    | 86,8                     | 2 700                                                                     | 24 400                                  | 37,8                    | 91,5                     |                                                                           | 22 300                                  | 78,0                           |
| 80,0                           | 16,5                    | 73,1                     | 4 600                                                                     | 25 500                                  | 27,3                    | 83,1                     | 2 200                                                                     | 23 400                                  | 34,8                    | 88,7                     |                                                                           | 21 400                                  | 80,0                           |
| 82,0                           | 7,8                     | 63,2                     | 4 000                                                                     | 23 400                                  | 23,2                    | 78,8                     | 1 800                                                                     | 22 500                                  | 31,6                    | 85,6                     |                                                                           | 20 500                                  | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         | 18,1                    | 73,2                     | 1 400                                                                     | 21 600                                  | 28,0                    | 82,0                     |                                                                           | 19 700                                  | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         | 10,7                    | 65,1                     | 1 000                                                                     | 20 700                                  | 24,0                    | 77,7                     |                                                                           | 18 900                                  | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,1                    | 72,5                     |                                                                           | 18 200                                  | 88,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

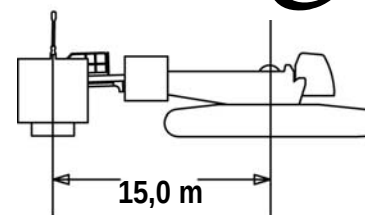
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

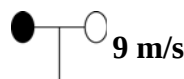
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

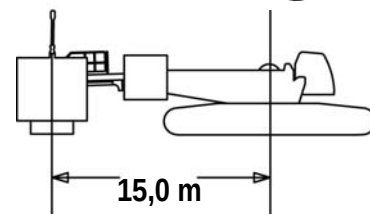
54,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 35,1                           | 67,0                    | 122,9                           | 41 900                                                                    | 47 700*                                 | 69,5                    | 123,8                           | 38 100                                                                    | 48 600*                                 |                         |                                 |                                                                           |                                         | 35,1                           |
| 36,0                           | 66,2                    | 122,5                           | 40 400                                                                    | 46 900*                                 | 68,7                    | 123,4                           | 36 700                                                                    | 48 500*                                 |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 64,4                    | 121,6                           | 37 300                                                                    | 45 000*                                 | 66,9                    | 122,6                           | 33 800                                                                    | 48 400*                                 |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 62,7                    | 120,5                           | 34 600                                                                    | 43 200*                                 | 65,2                    | 121,6                           | 31 300                                                                    | 48 100*                                 | 67,6                    | 122,4                           | 28 100                                                                    | 46 300*                                 | 40,0                           |
| 42,0                           | 60,8                    | 119,4                           | 32 200                                                                    | 41 300*                                 | 63,4                    | 120,7                           | 29 000                                                                    | 47 900*                                 | 65,9                    | 121,6                           | 25 900                                                                    | 46 300*                                 | 42,0                           |
| 44,0                           | 59,0                    | 118,2                           | 30 000                                                                    | 39 500*                                 | 61,6                    | 119,6                           | 27 000                                                                    | 47 600*                                 | 64,1                    | 120,6                           | 24 100                                                                    | 46 300*                                 | 44,0                           |
| 46,0                           | 57,1                    | 117,0                           | 28 000                                                                    | 37 600*                                 | 59,8                    | 118,4                           | 25 100                                                                    | 46 800*                                 | 62,3                    | 119,6                           | 22 400                                                                    | 46 200*                                 | 46,0                           |
| 48,0                           | 55,2                    | 115,6                           | 26 100                                                                    | 35 800*                                 | 57,9                    | 117,2                           | 23 500                                                                    | 45 000*                                 | 60,5                    | 118,4                           | 20 800                                                                    | 46 100*                                 | 48,0                           |
| 50,0                           | 53,2                    | 114,1                           | 24 500                                                                    | 34 100*                                 | 56,0                    | 115,8                           | 21 900                                                                    | 43 200*                                 | 58,7                    | 117,2                           | 19 300                                                                    | 46 000*                                 | 50,0                           |
| 52,0                           | 51,2                    | 112,5                           | 22 900                                                                    | 32 500*                                 | 54,0                    | 114,4                           | 20 500                                                                    | 41 300*                                 | 56,8                    | 115,9                           | 18 000                                                                    | 45 900*                                 | 52,0                           |
| 54,0                           | 49,1                    | 110,8                           | 21 500                                                                    | 30 900*                                 | 52,0                    | 112,9                           | 19 200                                                                    | 39 500*                                 | 54,8                    | 114,5                           | 16 800                                                                    | 45 700*                                 | 54,0                           |
| 56,0                           | 46,9                    | 109,0                           | 20 200                                                                    | 29 400*                                 | 49,9                    | 111,2                           | 17 900                                                                    | 37 700*                                 | 52,8                    | 113,1                           | 15 700                                                                    | 44 000*                                 | 56,0                           |
| 58,0                           | 44,7                    | 107,0                           | 18 900                                                                    | 27 900*                                 | 47,8                    | 109,4                           | 16 800                                                                    | 35 900*                                 | 50,8                    | 111,4                           | 14 600                                                                    | 41 400*                                 | 58,0                           |
| 60,0                           | 42,3                    | 104,8                           | 17 800                                                                    | 26 600*                                 | 45,6                    | 107,5                           | 15 700                                                                    | 34 200*                                 | 48,7                    | 109,7                           | 13 600                                                                    | 39 100*                                 | 60,0                           |
| 62,0                           | 39,9                    | 102,5                           | 16 800                                                                    | 25 300*                                 | 43,3                    | 105,4                           | 14 700                                                                    | 32 500*                                 | 46,5                    | 107,8                           | 12 700                                                                    | 36 900*                                 | 62,0                           |
| 64,0                           | 37,3                    | 99,9                            | 15 700                                                                    | 24 200*                                 | 40,9                    | 103,2                           | 13 800                                                                    | 31 000*                                 | 44,3                    | 105,8                           | 11 800                                                                    | 34 900*                                 | 64,0                           |
| 66,0                           | 34,5                    | 97,1                            | 14 800                                                                    | 23 100*                                 | 38,4                    | 100,7                           | 12 900                                                                    | 29 500*                                 | 41,9                    | 103,6                           | 11 000                                                                    | 33 000*                                 | 66,0                           |
| 68,0                           | 31,6                    | 93,9                            | 13 900                                                                    | 22 200*                                 | 35,7                    | 98,0                            | 12 100                                                                    | 28 100*                                 | 39,4                    | 101,3                           | 10 300                                                                    | 31 300*                                 | 68,0                           |
| 70,0                           | 28,3                    | 90,4                            | 13 100                                                                    | 21 300*                                 | 32,8                    | 95,0                            | 11 300                                                                    | 26 800*                                 | 36,8                    | 98,7                            | 9 600                                                                     | 29 700*                                 | 70,0                           |
| 72,0                           | 24,6                    | 86,2                            | 12 300                                                                    | 20 500*                                 | 29,7                    | 91,6                            | 10 600                                                                    | 25 600*                                 | 34,0                    | 95,8                            | 8 900                                                                     | 28 100*                                 | 72,0                           |
| 74,0                           | 20,4                    | 81,3                            | 11 500                                                                    | 19 900*                                 | 26,2                    | 87,7                            | 9 900                                                                     | 24 500*                                 | 31,0                    | 92,6                            | 8 200                                                                     | 26 700*                                 | 74,0                           |
| 76,0                           | 14,9                    | 74,7                            | 10 700                                                                    | 19 400*                                 | 22,3                    | 83,2                            | 9 200                                                                     | 23 500*                                 | 27,7                    | 88,9                            | 7 600                                                                     | 25 300*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         | 17,4                    | 77,4                            | 8 500                                                                     | 21 900*                                 | 23,9                    | 84,7                            | 7 000                                                                     | 24 000*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 10,5                    | 69,0                            | 7 900                                                                     | 18 800*                                 | 19,5                    | 79,5                            | 6 400                                                                     | 22 800*                                 | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,8                    | 72,5                            | 5 800                                                                     | 21 000*                                 | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 96,0                           |

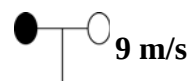
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 72,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 35,1                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 35,1                  |
| 36,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 36,0                  |
| 38,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,0                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 61,1                 | 117,7                  | 14 000                                                     | 42 000*                        |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 59,2                 | 116,5                  | 12 900                                                     | 42 000*                        |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 57,4                 | 115,2                  | 11 900                                                     | 41 200                         |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 55,4                 | 113,9                  | 11 000                                                     | 39 500                         |                      |                        |                                                            |                                |                      |                        |                                | 58,0                  |
| 60,0                  | 53,5                 | 112,4                  | 10 100                                                     | 37 900                         |                      |                        |                                                            |                                |                      |                        |                                | 60,0                  |
| 62,0                  | 51,4                 | 110,8                  | 9 300                                                      | 36 300                         | 55,9                 | 112,7                  | 6 100                                                      | 33 500                         |                      |                        |                                | 62,0                  |
| 64,0                  | 49,4                 | 109,2                  | 8 600                                                      | 34 700                         | 54,0                 | 111,3                  | 5 400                                                      | 31 900                         |                      |                        |                                | 64,0                  |
| 66,0                  | 47,2                 | 107,3                  | 7 900                                                      | 33 200                         | 52,0                 | 109,8                  | 4 800                                                      | 30 500                         |                      |                        |                                | 66,0                  |
| 68,0                  | 45,0                 | 105,4                  | 7 200                                                      | 31 800                         | 49,9                 | 108,1                  | 4 200                                                      | 29 200                         |                      |                        |                                | 68,0                  |
| 70,0                  | 42,6                 | 103,2                  | 6 600                                                      | 30 500                         | 47,8                 | 106,3                  | 3 700                                                      | 28 000                         |                      |                        |                                | 70,0                  |
| 72,0                  | 40,2                 | 100,9                  | 6 000                                                      | 29 200                         | 45,5                 | 104,4                  | 3 200                                                      | 26 800                         | 50,3                 | 106,5                  | 24 400                         | 72,0                  |
| 74,0                  | 37,6                 | 98,4                   | 5 500                                                      | 28 000                         | 43,2                 | 102,3                  | 2 700                                                      | 25 700                         | 48,1                 | 104,7                  | 23 400                         | 74,0                  |
| 76,0                  | 34,9                 | 95,6                   | 4 900                                                      | 26 900                         | 40,8                 | 100,0                  | 2 300                                                      | 24 600                         | 45,9                 | 102,8                  | 22 400                         | 76,0                  |
| 78,0                  | 32,0                 | 92,5                   | 4 400                                                      | 25 800                         | 38,3                 | 97,5                   | 1 800                                                      | 23 600                         | 43,7                 | 100,8                  | 21 500                         | 78,0                  |
| 80,0                  | 28,8                 | 89,0                   | 3 900                                                      | 24 800                         | 35,6                 | 94,8                   | 1 400                                                      | 22 700                         | 41,3                 | 98,6                   | 20 600                         | 80,0                  |
| 82,0                  | 25,2                 | 84,9                   | 3 500                                                      | 23 900                         | 32,7                 | 91,8                   | 1 000                                                      | 21 800                         | 38,8                 | 96,1                   | 19 800                         | 82,0                  |
| 84,0                  | 21,0                 | 80,1                   | 3 000                                                      | 23 000                         | 29,6                 | 88,4                   |                                                            | 20 900                         | 36,1                 | 93,4                   | 19 000                         | 84,0                  |
| 86,0                  | 15,8                 | 73,9                   | 2 500                                                      | 22 000                         | 26,1                 | 84,5                   |                                                            | 20 100                         | 33,3                 | 90,5                   | 18 200                         | 86,0                  |
| 88,0                  | 7,4                  | 63,5                   | 2 000                                                      | 19 600*                        | 22,1                 | 79,9                   |                                                            | 19 300                         | 30,2                 | 87,2                   | 17 500                         | 88,0                  |
| 90,0                  |                      |                        |                                                            |                                | 17,3                 | 74,1                   |                                                            | 18 600                         | 26,8                 | 83,4                   | 16 700                         | 90,0                  |
| 92,0                  |                      |                        |                                                            |                                | 10,2                 | 65,6                   |                                                            | 17 800                         | 22,9                 | 78,9                   | 16 100                         | 92,0                  |
| 94,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 18,2                 | 73,4                   | 15 400                         | 94,0                  |
| 96,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 11,8                 | 65,6                   | 14 700                         | 96,0                  |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

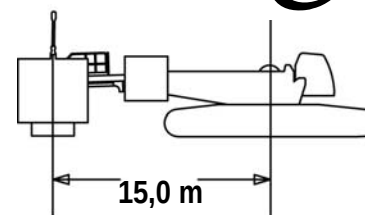
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

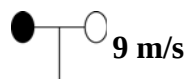
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 38,1                           | 66,5                    | 128,1                    | 36 600                                                                    | 41 000*                                 | 68,7                    | 129,0                    | 33 100                                                                    | 41 100*                                 |                         |                          |                                                                           |                                         | 38,1                           |
| 40,0                           | 64,9                    | 127,2                    | 34 000                                                                    | 39 600*                                 | 67,2                    | 128,2                    | 30 700                                                                    | 40 900*                                 |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 63,3                    | 126,3                    | 31 600                                                                    | 38 100*                                 | 65,6                    | 127,3                    | 28 400                                                                    | 40 700*                                 |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 61,6                    | 125,2                    | 29 400                                                                    | 36 700*                                 | 64,0                    | 126,4                    | 26 400                                                                    | 40 500*                                 | 66,3                    | 127,2                    | 23 400                                                                    | 39 100*                                 | 44,0                           |
| 46,0                           | 59,9                    | 124,0                    | 27 400                                                                    | 35 200*                                 | 62,3                    | 125,3                    | 24 500                                                                    | 40 200*                                 | 64,6                    | 126,3                    | 21 600                                                                    | 39 100*                                 | 46,0                           |
| 48,0                           | 58,2                    | 122,8                    | 25 500                                                                    | 33 700*                                 | 60,6                    | 124,2                    | 22 800                                                                    | 40 000*                                 | 63,0                    | 125,3                    | 20 100                                                                    | 39 000*                                 | 48,0                           |
| 50,0                           | 56,4                    | 121,5                    | 23 900                                                                    | 32 300*                                 | 58,9                    | 123,0                    | 21 300                                                                    | 39 800*                                 | 61,3                    | 124,2                    | 18 600                                                                    | 38 800*                                 | 50,0                           |
| 52,0                           | 54,7                    | 120,1                    | 22 300                                                                    | 30 800*                                 | 57,2                    | 121,7                    | 19 800                                                                    | 38 600*                                 | 59,6                    | 123,0                    | 17 300                                                                    | 38 700*                                 | 52,0                           |
| 54,0                           | 52,8                    | 118,6                    | 20 900                                                                    | 29 500*                                 | 55,4                    | 120,4                    | 18 500                                                                    | 37 100*                                 | 57,9                    | 121,8                    | 16 100                                                                    | 38 600*                                 | 54,0                           |
| 56,0                           | 50,9                    | 117,0                    | 19 600                                                                    | 28 100*                                 | 53,6                    | 118,9                    | 17 300                                                                    | 35 600*                                 | 56,1                    | 120,5                    | 15 000                                                                    | 38 400*                                 | 56,0                           |
| 58,0                           | 49,0                    | 115,3                    | 18 400                                                                    | 26 900*                                 | 51,7                    | 117,4                    | 16 100                                                                    | 34 200*                                 | 54,3                    | 119,1                    | 13 900                                                                    | 38 300*                                 | 58,0                           |
| 60,0                           | 47,0                    | 113,4                    | 17 200                                                                    | 25 700*                                 | 49,8                    | 115,7                    | 15 100                                                                    | 32 800*                                 | 52,5                    | 117,5                    | 12 900                                                                    | 37 900*                                 | 60,0                           |
| 62,0                           | 44,9                    | 111,5                    | 16 200                                                                    | 24 500*                                 | 47,8                    | 113,9                    | 14 100                                                                    | 31 400*                                 | 50,6                    | 115,9                    | 12 000                                                                    | 36 300*                                 | 62,0                           |
| 64,0                           | 42,8                    | 109,3                    | 15 100                                                                    | 23 400*                                 | 45,8                    | 112,0                    | 13 200                                                                    | 30 000*                                 | 48,7                    | 114,2                    | 11 200                                                                    | 34 200*                                 | 64,0                           |
| 66,0                           | 40,6                    | 107,1                    | 14 200                                                                    | 22 400*                                 | 43,7                    | 109,9                    | 12 300                                                                    | 28 700*                                 | 46,6                    | 112,3                    | 10 400                                                                    | 32 300*                                 | 66,0                           |
| 68,0                           | 38,2                    | 104,6                    | 13 300                                                                    | 21 500*                                 | 41,5                    | 107,7                    | 11 500                                                                    | 27 400*                                 | 44,6                    | 110,3                    | 9 600                                                                     | 30 600*                                 | 68,0                           |
| 70,0                           | 35,7                    | 101,9                    | 12 500                                                                    | 20 600*                                 | 39,2                    | 105,3                    | 10 700                                                                    | 26 200*                                 | 42,4                    | 108,2                    | 8 900                                                                     | 29 000*                                 | 70,0                           |
| 72,0                           | 33,1                    | 98,9                     | 11 700                                                                    | 19 800*                                 | 36,8                    | 102,7                    | 10 000                                                                    | 25 100*                                 | 40,2                    | 105,8                    | 8 200                                                                     | 27 500*                                 | 72,0                           |
| 74,0                           | 30,3                    | 95,6                     | 11 000                                                                    | 19 100*                                 | 34,2                    | 99,8                     | 9 300                                                                     | 24 100*                                 | 37,8                    | 103,3                    | 7 600                                                                     | 26 100*                                 | 74,0                           |
| 76,0                           | 27,1                    | 91,8                     | 10 300                                                                    | 18 400*                                 | 31,5                    | 96,7                     | 8 600                                                                     | 23 000*                                 | 35,3                    | 100,6                    | 6 900                                                                     | 24 800*                                 | 76,0                           |
| 78,0                           | 23,6                    | 87,5                     | 9 600                                                                     | 17 800*                                 | 28,5                    | 93,1                     | 8 000                                                                     | 21 800*                                 | 32,6                    | 97,5                     | 6 400                                                                     | 23 600*                                 | 78,0                           |
| 80,0                           | 19,5                    | 82,3                     | 8 900                                                                     | 17 300*                                 | 25,2                    | 89,1                     | 7 400                                                                     | 20 800*                                 | 29,7                    | 94,2                     | 5 800                                                                     | 22 400*                                 | 80,0                           |
| 82,0                           | 14,3                    | 75,5                     | 8 300                                                                     | 16 400*                                 | 21,4                    | 84,3                     | 6 800                                                                     | 19 700*                                 | 26,6                    | 90,3                     | 5 300                                                                     | 21 300*                                 | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         | 16,7                    | 78,3                     | 6 200                                                                     | 18 200*                                 | 23,0                    | 85,9                     | 4 800                                                                     | 20 200*                                 | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         | 10,1                    | 69,5                     | 5 600                                                                     | 15 500*                                 | 18,7                    | 80,4                     | 4 300                                                                     | 19 200*                                 | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 13,2                    | 73,2                     | 3 800                                                                     | 17 500*                                 | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 102,0                          |

# Liftcrane Luffing Jib Capacities

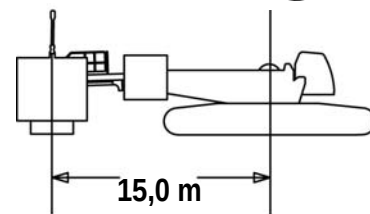
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

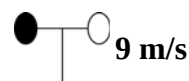
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 78,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 38,1                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,1                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 61,8                 | 123,4                  | 12 100                                                     | 35 500*                        |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 60,2                 | 122,3                  | 11 200                                                     | 35 500*                        |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 58,4                 | 121,1                  | 10 300                                                     | 35 500*                        |                      |                        |                                                            |                                |                      |                        |                                | 58,0                  |
| 60,0                  | 56,7                 | 119,8                  | 9 400                                                      | 35 500*                        |                      |                        |                                                            |                                |                      |                        |                                | 60,0                  |
| 62,0                  | 54,9                 | 118,4                  | 8 600                                                      | 35 100                         |                      |                        |                                                            |                                |                      |                        |                                | 62,0                  |
| 64,0                  | 53,1                 | 116,9                  | 7 800                                                      | 33 900                         | 57,1                 | 118,6                  | 4 600                                                      | 31 100                         |                      |                        |                                | 64,0                  |
| 66,0                  | 51,2                 | 115,3                  | 7 200                                                      | 32 600                         | 55,4                 | 117,3                  | 4 000                                                      | 29 900                         |                      |                        |                                | 66,0                  |
| 68,0                  | 49,3                 | 113,6                  | 6 500                                                      | 31 100                         | 53,5                 | 115,8                  | 3 500                                                      | 28 500                         |                      |                        |                                | 68,0                  |
| 70,0                  | 47,3                 | 111,8                  | 5 900                                                      | 29 800                         | 51,7                 | 114,2                  | 2 900                                                      | 27 300                         |                      |                        |                                | 70,0                  |
| 72,0                  | 45,2                 | 109,8                  | 5 300                                                      | 28 600                         | 49,8                 | 112,6                  | 2 400                                                      | 26 100                         |                      |                        |                                | 72,0                  |
| 74,0                  | 43,1                 | 107,8                  | 4 800                                                      | 27 400                         | 47,8                 | 110,8                  | 2 000                                                      | 25 000                         | 52,0                 | 112,6                  | 22 700                         | 74,0                  |
| 76,0                  | 40,9                 | 105,5                  | 4 200                                                      | 26 300                         | 45,8                 | 108,9                  | 1 500                                                      | 24 000                         | 50,1                 | 111,0                  | 21 700                         | 76,0                  |
| 78,0                  | 38,5                 | 103,0                  | 3 700                                                      | 25 200                         | 43,6                 | 106,8                  | 1 100                                                      | 22 900                         | 48,1                 | 109,2                  | 20 800                         | 78,0                  |
| 80,0                  | 36,1                 | 100,3                  | 3 300                                                      | 24 200                         | 41,4                 | 104,6                  |                                                            | 22 000                         | 46,1                 | 107,3                  | 19 900                         | 80,0                  |
| 82,0                  | 33,5                 | 97,4                   | 2 800                                                      | 23 300                         | 39,1                 | 102,2                  |                                                            | 21 100                         | 44,0                 | 105,3                  | 19 100                         | 82,0                  |
| 84,0                  | 30,7                 | 94,1                   | 2 400                                                      | 22 400                         | 36,7                 | 99,5                   |                                                            | 20 300                         | 41,8                 | 103,1                  | 18 300                         | 84,0                  |
| 86,0                  | 27,6                 | 90,5                   | 1 900                                                      | 21 500                         | 34,2                 | 96,7                   |                                                            | 19 500                         | 39,6                 | 100,7                  | 17 500                         | 86,0                  |
| 88,0                  | 24,1                 | 86,2                   | 1 500                                                      | 20 600                         | 31,4                 | 93,5                   |                                                            | 18 700                         | 37,2                 | 98,1                   | 16 800                         | 88,0                  |
| 90,0                  | 20,1                 | 81,2                   | 1 100                                                      | 19 600*                        | 28,4                 | 89,9                   |                                                            | 18 000                         | 34,6                 | 95,3                   | 16 100                         | 90,0                  |
| 92,0                  | 15,1                 | 74,7                   |                                                            | 18 500*                        | 25,1                 | 85,9                   |                                                            | 17 300                         | 31,9                 | 92,2                   | 15 400                         | 92,0                  |
| 94,0                  | 7,1                  | 63,9                   |                                                            | 16 200*                        | 21,2                 | 81,1                   |                                                            | 16 500                         | 29,0                 | 88,7                   | 14 800*                        | 94,0                  |
| 96,0                  |                      |                        |                                                            |                                | 16,6                 | 75,0                   |                                                            | 15 900                         | 25,7                 | 84,7                   | 14 100*                        | 96,0                  |
| 98,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 22,0                 | 80,1                   | 13 500*                        | 98,0                  |
| 100,0                 |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 17,5                 | 74,3                   | 12 900*                        | 100,0                 |
| 102,0                 |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 11,3                 | 66,2                   | 12 200*                        | 102,0                 |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

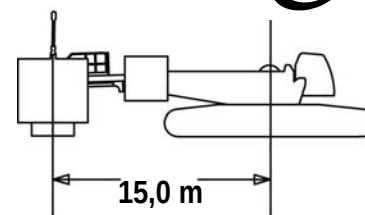
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

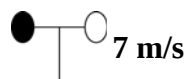
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 42,7                           | 64,8                    | 132,6                           | 30 100                                                                    | 34 300*                                 | 66,9                    | 133,6                           | 26 900                                                                    | 34 500*                                 |                         |                                 |                                                                           |                                         | 42,7                           |
| 44,0                           | 63,8                    | 132,0                           | 28 600                                                                    | 33 600*                                 | 66,0                    | 133,0                           | 25 500                                                                    | 34 400*                                 |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 62,3                    | 130,9                           | 26 600                                                                    | 32 400*                                 | 64,5                    | 132,1                           | 23 700                                                                    | 34 100*                                 | 66,6                    | 132,9                           | 20 800                                                                    | 33 000*                                 | 46,0                           |
| 48,0                           | 60,7                    | 129,8                           | 24 800                                                                    | 31 300*                                 | 62,9                    | 131,1                           | 22 000                                                                    | 33 800*                                 | 65,1                    | 132,0                           | 19 200                                                                    | 32 900*                                 | 48,0                           |
| 50,0                           | 59,1                    | 128,6                           | 23 100                                                                    | 30 100*                                 | 61,4                    | 130,0                           | 20 400                                                                    | 33 600*                                 | 63,5                    | 131,0                           | 17 800                                                                    | 32 800*                                 | 50,0                           |
| 52,0                           | 57,5                    | 127,4                           | 21 600                                                                    | 28 900*                                 | 59,8                    | 128,8                           | 19 000                                                                    | 33 300*                                 | 62,0                    | 129,9                           | 16 400                                                                    | 32 600*                                 | 52,0                           |
| 54,0                           | 55,9                    | 126,0                           | 20 200                                                                    | 27 800*                                 | 58,2                    | 127,6                           | 17 700                                                                    | 33 000*                                 | 60,4                    | 128,8                           | 15 200                                                                    | 32 500*                                 | 54,0                           |
| 56,0                           | 54,2                    | 124,6                           | 18 800                                                                    | 26 700*                                 | 56,6                    | 126,3                           | 16 500                                                                    | 32 800*                                 | 58,9                    | 127,6                           | 14 100                                                                    | 32 300*                                 | 56,0                           |
| 58,0                           | 52,5                    | 123,1                           | 17 600                                                                    | 25 600*                                 | 54,9                    | 124,9                           | 15 300                                                                    | 32 000*                                 | 57,2                    | 126,4                           | 13 100                                                                    | 32 100*                                 | 58,0                           |
| 60,0                           | 50,7                    | 121,5                           | 16 500                                                                    | 24 600*                                 | 53,2                    | 123,4                           | 14 300                                                                    | 30 900*                                 | 55,6                    | 125,0                           | 12 100                                                                    | 31 900*                                 | 60,0                           |
| 62,0                           | 48,9                    | 119,8                           | 15 400                                                                    | 23 500*                                 | 51,5                    | 121,8                           | 13 300                                                                    | 29 800*                                 | 53,9                    | 123,6                           | 11 200                                                                    | 31 700*                                 | 62,0                           |
| 64,0                           | 47,1                    | 117,9                           | 14 400                                                                    | 22 500*                                 | 49,7                    | 120,2                           | 12 400                                                                    | 28 600*                                 | 52,2                    | 122,0                           | 10 300                                                                    | 31 500*                                 | 64,0                           |
| 66,0                           | 45,2                    | 116,0                           | 13 500                                                                    | 21 600*                                 | 47,9                    | 118,4                           | 11 500                                                                    | 27 500*                                 | 50,4                    | 120,4                           | 9 500                                                                     | 31 200*                                 | 66,0                           |
| 68,0                           | 43,2                    | 113,9                           | 12 600                                                                    | 20 800*                                 | 46,0                    | 116,5                           | 10 700                                                                    | 26 400*                                 | 48,6                    | 118,7                           | 8 800                                                                     | 30 000*                                 | 68,0                           |
| 70,0                           | 41,2                    | 111,6                           | 11 800                                                                    | 19 900*                                 | 44,0                    | 114,4                           | 9 900                                                                     | 25 400*                                 | 46,8                    | 116,8                           | 8 100                                                                     | 28 300*                                 | 70,0                           |
| 72,0                           | 39,0                    | 109,2                           | 11 000                                                                    | 19 100*                                 | 42,0                    | 112,2                           | 9 200                                                                     | 24 400*                                 | 44,8                    | 114,8                           | 7 400                                                                     | 26 900*                                 | 72,0                           |
| 74,0                           | 36,8                    | 106,6                           | 10 300                                                                    | 18 400*                                 | 39,9                    | 109,9                           | 8 500                                                                     | 23 400*                                 | 42,8                    | 112,7                           | 6 800                                                                     | 25 400*                                 | 74,0                           |
| 76,0                           | 34,4                    | 103,7                           | 9 600                                                                     | 17 700*                                 | 37,7                    | 107,4                           | 7 900                                                                     | 22 300*                                 | 40,8                    | 110,4                           | 6 200                                                                     | 24 200*                                 | 76,0                           |
| 78,0                           | 31,8                    | 100,6                           | 8 900                                                                     | 17 100*                                 | 35,4                    | 104,6                           | 7 300                                                                     | 21 200*                                 | 38,6                    | 108,0                           | 5 600                                                                     | 22 900*                                 | 78,0                           |
| 80,0                           | 29,1                    | 97,1                            | 8 300                                                                     | 16 500*                                 | 32,9                    | 101,6                           | 6 700                                                                     | 20 100*                                 | 36,3                    | 105,3                           | 5 100                                                                     | 21 700*                                 | 80,0                           |
| 82,0                           | 26,1                    | 93,2                            | 7 700                                                                     | 16 000*                                 | 30,3                    | 98,3                            | 6 100                                                                     | 19 100*                                 | 33,9                    | 102,4                           | 4 600                                                                     | 20 700*                                 | 82,0                           |
| 84,0                           | 22,8                    | 88,7                            | 7 100                                                                     | 15 600*                                 | 27,4                    | 94,6                            | 5 600                                                                     | 18 100*                                 | 31,4                    | 99,2                            | 4 000                                                                     | 19 600*                                 | 84,0                           |
| 86,0                           | 18,8                    | 83,3                            | 6 500                                                                     | 15 000*                                 | 24,2                    | 90,3                            | 5 000                                                                     | 17 200*                                 | 28,6                    | 95,7                            | 3 600                                                                     | 18 600*                                 | 86,0                           |
| 88,0                           | 13,8                    | 76,2                            | 5 900                                                                     | 13 300*                                 | 20,5                    | 85,3                            | 4 500                                                                     | 16 200*                                 | 25,6                    | 91,7                            | 3 100                                                                     | 17 600*                                 | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         | 16,1                    | 79,1                            | 4 000                                                                     | 14 800*                                 | 22,1                    | 87,0                            | 2 700                                                                     | 16 700*                                 | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 9,7                     | 70,0                            | 3 500                                                                     | 12 400*                                 | 18,0                    | 81,4                            | 2 200                                                                     | 15 800*                                 | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 12,7                    | 73,8                            | 1 800                                                                     | 14 300*                                 | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 104,0                          |
| 106,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 106,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 108,0                          |

# Liftcrane Luffing Jib Capacities

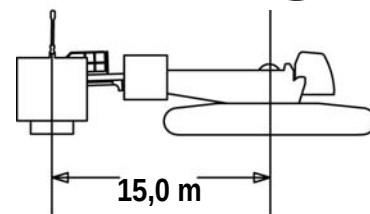
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

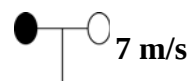
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m Boom, 84,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 42,7                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,7                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 60,9                 | 128,1                  | 9 300                                                      | 29 900*                        |                      |                        |                                                            |                                |                      |                        |                                | 58,0                  |
| 60,0                  | 59,4                 | 126,9                  | 8 500                                                      | 29 900*                        |                      |                        |                                                            |                                |                      |                        |                                | 60,0                  |
| 62,0                  | 57,7                 | 125,7                  | 7 700                                                      | 29 900*                        |                      |                        |                                                            |                                |                      |                        |                                | 62,0                  |
| 64,0                  | 56,1                 | 124,3                  | 6 900                                                      | 29 900*                        |                      |                        |                                                            |                                |                      |                        |                                | 64,0                  |
| 66,0                  | 54,4                 | 122,9                  | 6 200                                                      | 29 900*                        |                      |                        |                                                            |                                |                      |                        |                                | 66,0                  |
| 68,0                  | 52,7                 | 121,4                  | 5 600                                                      | 29 800                         | 56,5                 | 123,2                  | 2 500                                                      | 27 100*                        |                      |                        |                                | 68,0                  |
| 70,0                  | 51,0                 | 119,8                  | 5 000                                                      | 29 000                         | 54,9                 | 121,8                  | 2 000                                                      | 26 300                         |                      |                        |                                | 70,0                  |
| 72,0                  | 49,2                 | 118,1                  | 4 400                                                      | 27 800                         | 53,2                 | 120,3                  | 1 500                                                      | 25 200                         |                      |                        |                                | 72,0                  |
| 74,0                  | 47,3                 | 116,3                  | 3 900                                                      | 26 600                         | 51,4                 | 118,7                  | 1 000                                                      | 24 200                         |                      |                        |                                | 74,0                  |
| 76,0                  | 45,4                 | 114,3                  | 3 400                                                      | 25 500                         | 49,6                 | 117,0                  |                                                            | 23 100                         |                      |                        |                                | 76,0                  |
| 78,0                  | 43,5                 | 112,3                  | 2 900                                                      | 24 400                         | 47,8                 | 115,2                  |                                                            | 22 100                         | 51,7                 | 117,1                  | 19 900                         | 78,0                  |
| 80,0                  | 41,4                 | 110,0                  | 2 400                                                      | 23 400                         | 45,9                 | 113,3                  |                                                            | 21 200                         | 50,0                 | 115,4                  | 19 000                         | 80,0                  |
| 82,0                  | 39,3                 | 107,6                  | 2 000                                                      | 22 500                         | 44,0                 | 111,3                  |                                                            | 20 300                         | 48,1                 | 113,7                  | 18 200                         | 82,0                  |
| 84,0                  | 37,1                 | 105,0                  | 1 500                                                      | 21 600                         | 42,0                 | 109,1                  |                                                            | 19 500                         | 46,3                 | 111,8                  | 17 400                         | 84,0                  |
| 86,0                  | 34,7                 | 102,2                  | 1 100                                                      | 20 800                         | 39,9                 | 106,8                  |                                                            | 18 700                         | 44,3                 | 109,8                  | 16 600*                        | 86,0                  |
| 88,0                  | 32,2                 | 99,1                   | 700                                                        | 19 900                         | 37,6                 | 104,2                  |                                                            | 17 900                         | 42,3                 | 107,6                  | 15 900*                        | 88,0                  |
| 90,0                  | 29,5                 | 95,7                   |                                                            | 19 000*                        | 35,3                 | 101,5                  |                                                            | 17 200                         | 40,2                 | 105,3                  | 15 200*                        | 90,0                  |
| 92,0                  | 26,5                 | 91,9                   |                                                            | 18 000*                        | 32,9                 | 98,4                   |                                                            | 16 500                         | 38,0                 | 102,8                  | 14 400*                        | 92,0                  |
| 94,0                  | 23,2                 | 87,4                   |                                                            | 17 100*                        | 30,2                 | 95,1                   |                                                            | 15 800                         | 35,7                 | 100,1                  | 13 800*                        | 94,0                  |
| 96,0                  | 19,4                 | 82,2                   |                                                            | 16 200*                        | 27,3                 | 91,4                   |                                                            | 15 100                         | 33,3                 | 97,1                   | 13 200*                        | 96,0                  |
| 98,0                  | 14,6                 | 75,4                   |                                                            | 15 300*                        | 24,1                 | 87,1                   |                                                            | 14 500                         | 30,7                 | 93,8                   | 12 500*                        | 98,0                  |
| 100,0                 |                      |                        |                                                            |                                | 20,4                 | 82,1                   |                                                            | 13 900                         | 27,9                 | 90,2                   | 11 900*                        | 100,0                 |
| 102,0                 |                      |                        |                                                            |                                | 15,9                 | 75,8                   |                                                            | 13 300*                        | 24,7                 | 86,1                   | 11 400*                        | 102,0                 |
| 104,0                 |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 21,1                 | 81,2                   | 10 800*                        | 104,0                 |
| 106,0                 |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 16,8                 | 75,2                   | 10 200*                        | 106,0                 |
| 108,0                 |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 10,9                 | 66,8                   | 9 700*                         | 108,0                 |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

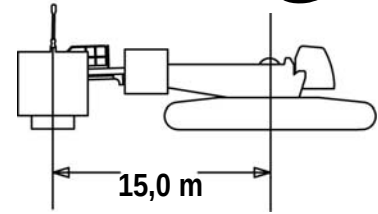
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

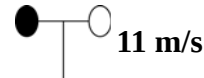
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 15,2                           | 70,9                    | 85,3                     | 129 600                                                                   | 154 000*c                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,2                           |
| 16,0                           | 69,0                    | 85,0                     | 122 400                                                                   | 146 800*c                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,0                           |
| 18,0                           | 63,7                    | 84,1                     | 105 300                                                                   | 129 800*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           | 58,1                    | 82,9                     | 92 500                                                                    | 117 100*b                               | 66,7                    | 84,3                     | 85 900                                                                    | 148 100*c                               |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           | 52,1                    | 81,4                     | 82 200                                                                    | 107 200*b                               | 61,3                    | 83,2                     | 76 200                                                                    | 138 400*b                               |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           | 45,6                    | 79,5                     | 73 700                                                                    | 99 300*                                 | 55,6                    | 81,9                     | 68 400                                                                    | 126 100*b                               | 64,4                    | 83,4                     | 63 100                                                                    | 125 400b                                | 24,0                           |
| 26,0                           | 38,2                    | 77,1                     | 66 700                                                                    | 93 400*                                 | 49,4                    | 80,3                     | 61 900                                                                    | 115 300*                                | 58,9                    | 82,2                     | 57 000                                                                    | 116 100b                                | 26,0                           |
| 28,0                           | 29,1                    | 73,9                     | 60 600                                                                    | 89 400*                                 | 42,6                    | 78,2                     | 56 300                                                                    | 107 000*                                | 53,0                    | 80,7                     | 51 900                                                                    | 108 200b                                | 28,0                           |
| 30,0                           | 15,4                    | 68,5                     | 55 200                                                                    | 79 100*                                 | 34,6                    | 75,6                     | 51 500                                                                    | 100 900*                                | 46,5                    | 78,9                     | 47 400                                                                    | 101 300                                 | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         | 24,3                    | 71,7                     | 47 300                                                                    | 96 800*                                 | 39,3                    | 76,6                     | 43 600                                                                    | 95 200                                  | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,5                    | 73,6                     | 40 200                                                                    | 89 900                                  | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 17,9                    | 68,7                     | 37 000                                                                    | 84 400                                  | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

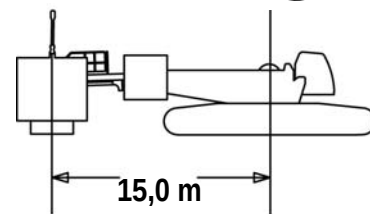
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

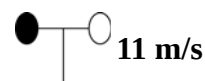
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 15,2                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,2                           |
| 16,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,0                           |
| 18,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 56,4                    | 80,4                     | 37 200                                                                    | 89 200b                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 50,3                    | 78,8                     | 34 300                                                                    | 84 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 43,5                    | 76,8                     | 31 700                                                                    | 79 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 35,7                    | 74,2                     | 29 400                                                                    | 74 500                                  | 53,4                    | 78,0                     | 24 200                                                                    | 70 000b                                 |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 25,8                    | 70,6                     | 27 200                                                                    | 69 900                                  | 47,0                    | 76,2                     | 22 400                                                                    | 65 700                                  |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         | 39,8                    | 73,9                     | 20 800                                                                    | 61 800                                  |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         | 31,2                    | 70,9                     | 19 300                                                                    | 58 300                                  |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 43,0                    | 72,9                     | 13 900                                                                    | 51 700                                  | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 35,1                    | 70,2                     | 12 900                                                                    | 48 900                                  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,9                    | 66,5                     | 11 800                                                                    | 46 300                                  | 50,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

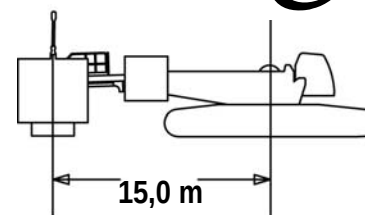
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

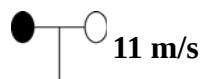
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 16,8                           | 71,8                    | 91,2                            | 115 100                                                                   | 137 300*c                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,8                           |
| 18,0                           | 69,3                    | 90,7                            | 105 500                                                                   | 128 200*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,0                           |
| 20,0                           | 65,1                    | 89,8                            | 92 400                                                                    | 115 100*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           | 60,7                    | 88,7                            | 82 100                                                                    | 104 600*b                               | 67,5                    | 90,0                            | 76 000                                                                    | 132 100*b                               |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 56,2                    | 87,4                            | 73 700                                                                    | 96 200*                                 | 63,3                    | 89,0                            | 68 100                                                                    | 125 000*b                               |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 51,4                    | 85,9                            | 66 700                                                                    | 89 500*                                 | 58,8                    | 87,8                            | 61 600                                                                    | 114 900*                                | 65,7                    | 89,1                            | 56 500                                                                    | 113 400b                                | 26,0                           |
| 28,0                           | 46,2                    | 84,0                            | 60 800                                                                    | 83 900*                                 | 54,2                    | 86,4                            | 56 100                                                                    | 105 400*                                | 61,3                    | 88,0                            | 51 400                                                                    | 105 600b                                | 28,0                           |
| 30,0                           | 40,4                    | 81,8                            | 55 600                                                                    | 79 300*                                 | 49,2                    | 84,8                            | 51 400                                                                    | 97 900*                                 | 56,8                    | 86,7                            | 47 100                                                                    | 98 900                                  | 30,0                           |
| 32,0                           | 33,9                    | 79,0                            | 51 200                                                                    | 73 900*                                 | 43,8                    | 82,8                            | 47 300                                                                    | 91 900*                                 | 52,0                    | 85,2                            | 43 300                                                                    | 92 900                                  | 32,0                           |
| 34,0                           | 25,8                    | 75,3                            | 47 300                                                                    | 69 300*                                 | 37,8                    | 80,3                            | 43 700                                                                    | 86 900*                                 | 46,9                    | 83,4                            | 40 000                                                                    | 87 600                                  | 34,0                           |
| 36,0                           | 13,6                    | 69,2                            | 43 600                                                                    | 62 400*                                 | 30,7                    | 77,2                            | 40 400                                                                    | 81 300*                                 | 41,2                    | 81,2                            | 37 000                                                                    | 82 900                                  | 36,0                           |
| 38,0                           |                         |                                 |                                                                           |                                         | 21,5                    | 72,8                            | 37 500                                                                    | 76 100*                                 | 34,8                    | 78,5                            | 34 400                                                                    | 78 600                                  | 38,0                           |
| 40,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,0                    | 75,0                            | 31 900                                                                    | 73 900                                  | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,8                    | 69,5                            | 29 700                                                                    | 68 500                                  | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

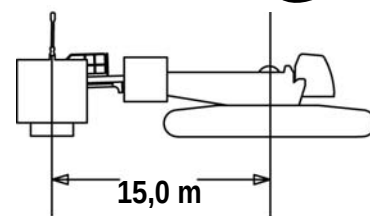
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

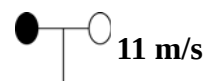
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 16,8                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,8                           |
| 18,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 59,4                    | 86,3                     | 33 800                                                                    | 82 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 54,8                    | 84,9                     | 31 200                                                                    | 77 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 49,8                    | 83,3                     | 29 000                                                                    | 73 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 44,5                    | 81,3                     | 26 900                                                                    | 69 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 38,6                    | 78,9                     | 25 100                                                                    | 65 400                                  | 52,4                    | 82,4                     | 20 300                                                                    | 61 300                                  |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 31,7                    | 75,9                     | 23 300                                                                    | 61 700                                  | 47,3                    | 80,7                     | 18 900                                                                    | 57 800                                  |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 22,9                    | 71,8                     | 21 700                                                                    | 58 300                                  | 41,7                    | 78,5                     | 17 600                                                                    | 54 700                                  |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         | 35,3                    | 75,9                     | 16 300                                                                    | 51 800                                  | 49,5                    | 79,4                     | 12 300                                                                    | 48 400                                  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         | 27,6                    | 72,4                     | 15 200                                                                    | 49 200                                  | 44,1                    | 77,4                     | 11 400                                                                    | 45 900                                  | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,1                    | 75,0                     | 10 500                                                                    | 43 600                                  | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 31,1                    | 71,9                     | 9 700                                                                     | 41 500                                  | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,1                    | 67,6                     | 8 900                                                                     | 39 500                                  | 56,0                           |

# Liftcrane Luffing Jib Capacities

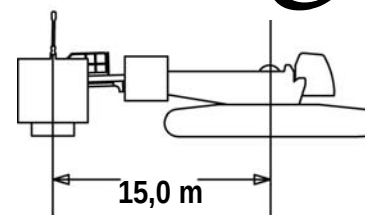
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

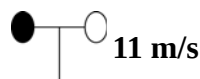
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 18,3                           | 72,4                    | 97,0                            | 103 000                                                                   | 117 000*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,3                           |
| 20,0                           | 69,5                    | 96,4                            | 92 000                                                                    | 111 300*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                           |
| 22,0                           | 66,0                    | 95,5                            | 81 700                                                                    | 103 600*b                               |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 62,5                    | 94,5                            | 73 200                                                                    | 94 700*                                 | 68,0                    | 95,7                            | 67 500                                                                    | 118 500*b                               |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 58,8                    | 93,3                            | 66 200                                                                    | 87 600*                                 | 64,5                    | 94,7                            | 61 000                                                                    | 112 700*                                |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 54,9                    | 91,9                            | 60 300                                                                    | 81 600*                                 | 60,9                    | 93,6                            | 55 500                                                                    | 105 600*                                | 66,5                    | 94,8                            | 50 700                                                                    | 103 000b                                | 28,0                           |
| 30,0                           | 50,8                    | 90,3                            | 55 300                                                                    | 76 100*                                 | 57,1                    | 92,4                            | 50 800                                                                    | 97 700*                                 | 62,9                    | 93,8                            | 46 300                                                                    | 96 300                                  | 30,0                           |
| 32,0                           | 46,5                    | 88,5                            | 50 900                                                                    | 70 200*                                 | 53,2                    | 90,9                            | 46 700                                                                    | 90 800*                                 | 59,3                    | 92,6                            | 42 500                                                                    | 90 500                                  | 32,0                           |
| 34,0                           | 41,8                    | 86,3                            | 47 000                                                                    | 64 900*                                 | 49,0                    | 89,2                            | 43 100                                                                    | 84 500*                                 | 55,4                    | 91,2                            | 39 300                                                                    | 85 300                                  | 34,0                           |
| 36,0                           | 36,7                    | 83,8                            | 43 600                                                                    | 60 300*                                 | 44,6                    | 87,3                            | 40 000                                                                    | 78 100*                                 | 51,4                    | 89,7                            | 36 300                                                                    | 80 600                                  | 36,0                           |
| 38,0                           | 30,7                    | 80,6                            | 40 500                                                                    | 56 400*                                 | 39,7                    | 84,9                            | 37 100                                                                    | 72 300*                                 | 47,1                    | 87,9                            | 33 800                                                                    | 76 400                                  | 38,0                           |
| 40,0                           | 23,4                    | 76,5                            | 37 700                                                                    | 53 400*                                 | 34,2                    | 82,2                            | 34 600                                                                    | 67 100*                                 | 42,5                    | 85,8                            | 31 400                                                                    | 72 700                                  | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         | 27,8                    | 78,7                            | 32 300                                                                    | 62 700*                                 | 37,4                    | 83,3                            | 29 300                                                                    | 69 000                                  | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         | 19,5                    | 73,8                            | 30 100                                                                    | 59 200*                                 | 31,6                    | 80,2                            | 27 400                                                                    | 65 200                                  | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,5                    | 76,3                            | 25 600                                                                    | 61 600                                  | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,3                    | 70,2                            | 23 800                                                                    | 56 600                                  | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

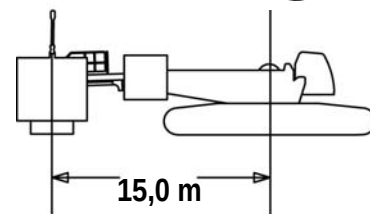
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

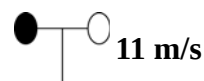
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 18,3                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,3                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 57,6                    | 90,8                     | 28 100                                                                    | 71 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 53,7                    | 89,4                     | 26 100                                                                    | 67 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 49,6                    | 87,7                     | 24 300                                                                    | 64 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 45,2                    | 85,8                     | 22 600                                                                    | 61 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 40,3                    | 83,5                     | 21 100                                                                    | 57 700                                  | 51,7                    | 86,9                     | 16 600                                                                    | 53 800                                  |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 35,0                    | 80,8                     | 19 700                                                                    | 54 700                                  | 47,4                    | 85,1                     | 15 400                                                                    | 51 000                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 28,7                    | 77,4                     | 18 400                                                                    | 51 900                                  | 42,8                    | 83,1                     | 14 400                                                                    | 48 400                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 20,7                    | 72,8                     | 17 200                                                                    | 49 300                                  | 37,8                    | 80,6                     | 13 400                                                                    | 46 000                                  | 49,2                    | 83,8                     | 9 500                                                                     | 42 800                                  | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         | 32,0                    | 77,6                     | 12 400                                                                    | 43 800                                  | 44,8                    | 81,9                     | 8 800                                                                     | 40 700                                  | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         | 25,1                    | 73,7                     | 11 600                                                                    | 41 700                                  | 40,0                    | 79,6                     | 8 100                                                                     | 38 800                                  | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,5                    | 76,8                     | 7 400                                                                     | 37 000                                  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,2                    | 73,4                     | 6 800                                                                     | 35 300                                  | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                    | 68,7                     | 6 100                                                                     | 33 700                                  | 62,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

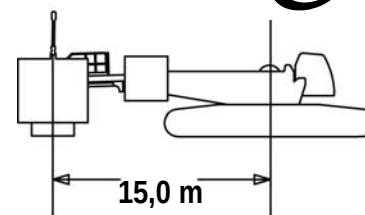
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

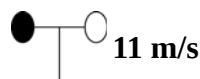
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 21,3                           | 70,6                    | 102,3                           | 84 600                                                                    | 96 600*b                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,3                           |
| 22,0                           | 69,6                    | 102,0                           | 81 500                                                                    | 94 800*b                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                           |
| 24,0                           | 66,7                    | 101,2                           | 72 900                                                                    | 89 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 63,6                    | 100,2                           | 65 900                                                                    | 83 600*                                 | 68,4                    | 101,3                           | 60 500                                                                    | 102 300*                                |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 60,5                    | 99,1                            | 60 000                                                                    | 77 900*                                 | 65,4                    | 100,4                           | 55 000                                                                    | 97 500*                                 |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 57,3                    | 97,8                            | 54 900                                                                    | 72 400*                                 | 62,3                    | 99,4                            | 50 300                                                                    | 92 200*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 54,0                    | 96,4                            | 50 500                                                                    | 67 200*                                 | 59,2                    | 98,2                            | 46 200                                                                    | 86 600*                                 | 64,1                    | 99,5                            | 42 000                                                                    | 88 400                                  | 32,0                           |
| 34,0                           | 50,5                    | 94,8                            | 46 600                                                                    | 62 300*                                 | 55,9                    | 96,9                            | 42 600                                                                    | 81 000*                                 | 61,0                    | 98,4                            | 38 700                                                                    | 83 300                                  | 34,0                           |
| 36,0                           | 46,8                    | 93,0                            | 43 300                                                                    | 57 900*                                 | 52,5                    | 95,4                            | 39 500                                                                    | 75 400*                                 | 57,7                    | 97,2                            | 35 800                                                                    | 78 700                                  | 36,0                           |
| 38,0                           | 42,8                    | 90,9                            | 40 200                                                                    | 53 800*                                 | 48,9                    | 93,7                            | 36 700                                                                    | 70 200*                                 | 54,4                    | 95,8                            | 33 200                                                                    | 74 600                                  | 38,0                           |
| 40,0                           | 38,5                    | 88,5                            | 37 500                                                                    | 50 200*                                 | 45,1                    | 91,8                            | 34 200                                                                    | 65 300*                                 | 50,9                    | 94,2                            | 30 900                                                                    | 70 900                                  | 40,0                           |
| 42,0                           | 33,8                    | 85,6                            | 35 000                                                                    | 47 100*                                 | 41,0                    | 89,5                            | 32 000                                                                    | 60 800*                                 | 47,3                    | 92,4                            | 28 800                                                                    | 67 500                                  | 42,0                           |
| 44,0                           | 28,3                    | 82,2                            | 32 800                                                                    | 44 500*                                 | 36,6                    | 87,0                            | 29 900                                                                    | 56 600*                                 | 43,4                    | 90,3                            | 26 900                                                                    | 64 400                                  | 44,0                           |
| 46,0                           | 21,6                    | 77,6                            | 30 700                                                                    | 42 400*                                 | 31,6                    | 83,9                            | 28 000                                                                    | 53 000*                                 | 39,1                    | 87,9                            | 25 200                                                                    | 61 200                                  | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 25,6                    | 80,0                            | 26 300                                                                    | 49 900*                                 | 34,5                    | 85,2                            | 23 600                                                                    | 58 000                                  | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 17,9                    | 74,8                            | 24 600                                                                    | 47 400*                                 | 29,1                    | 81,8                            | 22 100                                                                    | 55 100                                  | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,6                    | 77,5                            | 20 700                                                                    | 52 400                                  | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,1                    | 70,8                            | 19 400                                                                    | 47 600*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

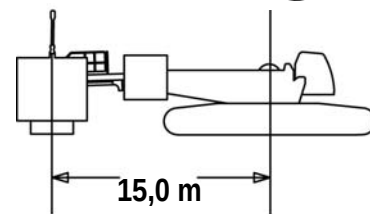
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

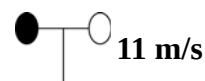
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 21,3                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 21,3                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 59,6                    | 96,7                     | 25 400                                                                    | 66 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 56,3                    | 95,3                     | 23 600                                                                    | 62 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 52,9                    | 93,9                     | 22 000                                                                    | 59 900                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 49,4                    | 92,2                     | 20 500                                                                    | 57 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 45,6                    | 90,3                     | 19 100                                                                    | 54 200                                  | 54,7                    | 93,0                     | 14 700                                                                    | 50 400                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 41,6                    | 88,1                     | 17 900                                                                    | 51 400                                  | 51,2                    | 91,4                     | 13 700                                                                    | 47 800                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 37,2                    | 85,6                     | 16 700                                                                    | 48 900                                  | 47,5                    | 89,6                     | 12 700                                                                    | 45 400                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 32,2                    | 82,6                     | 15 700                                                                    | 46 500                                  | 43,6                    | 87,6                     | 11 800                                                                    | 43 200                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 26,5                    | 78,8                     | 14 600                                                                    | 44 400                                  | 39,4                    | 85,2                     | 10 900                                                                    | 41 200                                  | 49,1                    | 88,3                     | 7 300                                                                     | 38 100                                  | 56,0                           |
| 58,0                           | 19,1                    | 73,8                     | 13 700                                                                    | 42 400                                  | 34,8                    | 82,5                     | 10 200                                                                    | 39 400                                  | 45,3                    | 86,4                     | 6 700                                                                     | 36 300                                  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         | 29,5                    | 79,2                     | 9 400                                                                     | 37 600                                  | 41,2                    | 84,2                     | 6 100                                                                     | 34 800                                  | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         | 23,1                    | 74,9                     | 8 700                                                                     | 35 900                                  | 36,8                    | 81,6                     | 5 500                                                                     | 33 200                                  | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         | 14,0                    | 68,6                     | 8 000                                                                     | 34 300                                  | 31,8                    | 78,6                     | 5 000                                                                     | 31 800                                  | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                    | 74,8                     | 4 500                                                                     | 30 400                                  | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,4                    | 69,6                     | 3 900                                                                     | 29 100                                  | 68,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

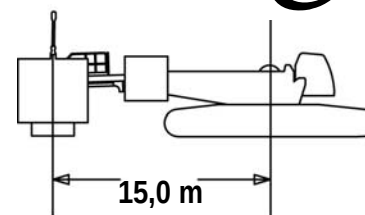
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

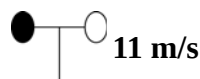
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

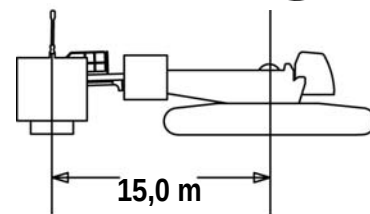
60,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 24,4                           | 69,3                    | 107,5                           | 70 900                                                                    | 80 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,4                           |
| 26,0                           | 67,2                    | 106,8                           | 65 300                                                                    | 77 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 64,5                    | 105,9                           | 59 400                                                                    | 72 800*                                 | 68,7                    | 107,0                           | 54 300                                                                    | 87 700*                                 |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 61,8                    | 104,9                           | 54 300                                                                    | 68 300*                                 | 66,1                    | 106,1                           | 49 600                                                                    | 84 700*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 59,1                    | 103,7                           | 49 900                                                                    | 64 000*                                 | 63,4                    | 105,1                           | 45 500                                                                    | 80 700*                                 | 67,5                    | 106,1                           | 41 100                                                                    | 85 400*                                 | 32,0                           |
| 34,0                           | 56,2                    | 102,4                           | 46 100                                                                    | 59 800*                                 | 60,7                    | 104,0                           | 41 900                                                                    | 76 400*                                 | 64,9                    | 105,2                           | 37 800                                                                    | 81 200                                  | 34,0                           |
| 36,0                           | 53,3                    | 100,9                           | 42 700                                                                    | 55 800*                                 | 57,9                    | 102,8                           | 38 800                                                                    | 72 100*                                 | 62,2                    | 104,2                           | 35 000                                                                    | 76 700                                  | 36,0                           |
| 38,0                           | 50,2                    | 99,3                            | 39 600                                                                    | 52 100*                                 | 55,0                    | 101,4                           | 36 000                                                                    | 67 700*                                 | 59,4                    | 103,0                           | 32 400                                                                    | 72 600                                  | 38,0                           |
| 40,0                           | 46,9                    | 97,4                            | 37 000                                                                    | 48 700*                                 | 52,0                    | 99,9                            | 33 500                                                                    | 63 400*                                 | 56,6                    | 101,7                           | 30 100                                                                    | 69 000                                  | 40,0                           |
| 42,0                           | 43,5                    | 95,4                            | 34 500                                                                    | 45 500*                                 | 48,8                    | 98,2                            | 31 300                                                                    | 59 300*                                 | 53,7                    | 100,2                           | 28 000                                                                    | 65 600                                  | 42,0                           |
| 44,0                           | 39,9                    | 93,1                            | 32 300                                                                    | 42 700*                                 | 45,5                    | 96,2                            | 29 300                                                                    | 55 500*                                 | 50,6                    | 98,6                            | 26 200                                                                    | 62 600                                  | 44,0                           |
| 46,0                           | 35,9                    | 90,4                            | 30 300                                                                    | 40 100*                                 | 42,0                    | 94,1                            | 27 400                                                                    | 51 900*                                 | 47,4                    | 96,8                            | 24 400                                                                    | 59 800                                  | 46,0                           |
| 48,0                           | 31,5                    | 87,3                            | 28 400                                                                    | 37 900*                                 | 38,2                    | 91,6                            | 25 700                                                                    | 48 600*                                 | 44,0                    | 94,8                            | 22 900                                                                    | 57 200                                  | 48,0                           |
| 50,0                           | 26,4                    | 83,5                            | 26 700                                                                    | 36 000*                                 | 34,1                    | 88,8                            | 24 100                                                                    | 45 600*                                 | 40,4                    | 92,5                            | 21 500                                                                    | 54 500                                  | 50,0                           |
| 52,0                           | 20,1                    | 78,7                            | 25 100                                                                    | 34 600*                                 | 29,4                    | 85,4                            | 22 600                                                                    | 42 900*                                 | 36,4                    | 89,9                            | 20 200                                                                    | 51 800                                  | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 23,9                    | 81,3                            | 21 300                                                                    | 40 700*                                 | 32,1                    | 86,9                            | 18 900                                                                    | 49 300                                  | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 16,7                    | 75,6                            | 20 000                                                                    | 39 000*                                 | 27,1                    | 83,2                            | 17 700                                                                    | 47 000                                  | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,0                    | 78,6                            | 16 600                                                                    | 44 300*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |

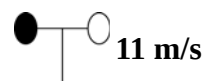
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 24,4                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,4                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 61,0                    | 102,4                    | 22 700                                                                    | 61 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 58,2                    | 101,2                    | 21 100                                                                    | 58 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 55,3                    | 99,9                     | 19 600                                                                    | 55 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 52,3                    | 98,3                     | 18 300                                                                    | 53 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 49,2                    | 96,7                     | 17 000                                                                    | 50 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 45,9                    | 94,8                     | 15 900                                                                    | 48 100                                  | 53,9                    | 97,5                     | 11 800                                                                    | 44 500                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 42,5                    | 92,7                     | 14 900                                                                    | 45 800                                  | 50,8                    | 95,9                     | 10 900                                                                    | 42 400                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 38,7                    | 90,2                     | 13 900                                                                    | 43 700                                  | 47,6                    | 94,1                     | 10 000                                                                    | 40 400                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 34,6                    | 87,5                     | 13 000                                                                    | 41 700                                  | 44,2                    | 92,1                     | 9 300                                                                     | 38 600                                  | 52,1                    | 94,5                     | 5 600                                                                     | 35 400                                  | 58,0                           |
| 60,0                           | 30,0                    | 84,2                     | 12 100                                                                    | 39 900                                  | 40,6                    | 89,8                     | 8 600                                                                     | 36 800                                  | 49,0                    | 92,8                     | 5 100                                                                     | 33 800                                  | 60,0                           |
| 62,0                           | 24,7                    | 80,2                     | 11 300                                                                    | 38 100                                  | 36,7                    | 87,2                     | 7 900                                                                     | 35 200                                  | 45,7                    | 90,9                     | 4 500                                                                     | 32 300                                  | 62,0                           |
| 64,0                           | 17,8                    | 74,7                     | 10 500                                                                    | 36 500                                  | 32,4                    | 84,2                     | 7 300                                                                     | 33 700                                  | 42,2                    | 88,7                     | 4 000                                                                     | 30 900                                  | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         | 27,5                    | 80,6                     | 6 700                                                                     | 32 300                                  | 38,4                    | 86,3                     | 3 600                                                                     | 29 600                                  | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         | 21,5                    | 76,1                     | 6 000                                                                     | 30 900                                  | 34,3                    | 83,5                     | 3 100                                                                     | 28 400                                  | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         | 13,0                    | 69,2                     | 5 400                                                                     | 29 600                                  | 29,7                    | 80,2                     | 2 600                                                                     | 27 200                                  | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,2                    | 76,1                     | 2 200                                                                     | 26 100                                  | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 17,1                    | 70,5                     | 1 700                                                                     | 25 000                                  | 74,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

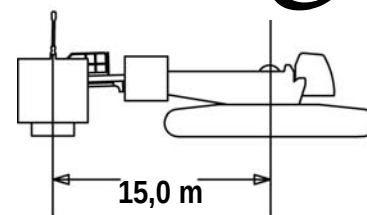
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

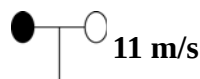
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

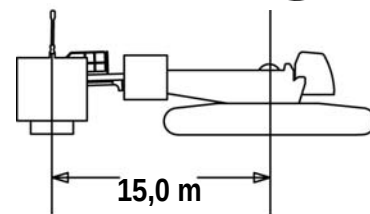
60,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 27,4                           | 68,2                    | 112,8                    | 60 500                                                                    | 68 000*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 27,4                           |
| 28,0                           | 67,6                    | 112,5                    | 59 000                                                                    | 67 000*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           | 65,2                    | 111,6                    | 53 800                                                                    | 63 600*                                 | 68,9                    | 112,7                    | 49 000                                                                    | 74 500*                                 |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 62,8                    | 110,6                    | 49 400                                                                    | 60 100*                                 | 66,6                    | 111,8                    | 44 900                                                                    | 73 700*                                 |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 60,4                    | 109,5                    | 45 500                                                                    | 56 700*                                 | 64,2                    | 110,8                    | 41 300                                                                    | 70 700*                                 |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 57,9                    | 108,3                    | 42 200                                                                    | 53 300*                                 | 61,8                    | 109,8                    | 38 200                                                                    | 67 500*                                 | 65,5                    | 110,9                    | 34 300                                                                    | 71 900*                                 | 36,0                           |
| 38,0                           | 55,4                    | 106,9                    | 39 100                                                                    | 50 100*                                 | 59,4                    | 108,6                    | 35 400                                                                    | 64 100*                                 | 63,2                    | 109,9                    | 31 700                                                                    | 70 800                                  | 38,0                           |
| 40,0                           | 52,7                    | 105,4                    | 36 400                                                                    | 47 000*                                 | 56,8                    | 107,3                    | 32 900                                                                    | 60 700*                                 | 60,7                    | 108,8                    | 29 400                                                                    | 67 300                                  | 40,0                           |
| 42,0                           | 50,0                    | 103,8                    | 34 000                                                                    | 44 100*                                 | 54,2                    | 105,9                    | 30 700                                                                    | 57 300*                                 | 58,3                    | 107,6                    | 27 400                                                                    | 64 000                                  | 42,0                           |
| 44,0                           | 47,1                    | 101,9                    | 31 800                                                                    | 41 400*                                 | 51,5                    | 104,4                    | 28 700                                                                    | 53 900*                                 | 55,7                    | 106,2                    | 25 500                                                                    | 61 000                                  | 44,0                           |
| 46,0                           | 44,1                    | 99,9                     | 29 800                                                                    | 38 900*                                 | 48,7                    | 102,6                    | 26 800                                                                    | 50 700*                                 | 53,1                    | 104,7                    | 23 900                                                                    | 58 300                                  | 46,0                           |
| 48,0                           | 40,9                    | 97,7                     | 28 000                                                                    | 36 700*                                 | 45,8                    | 100,7                    | 25 100                                                                    | 47 700*                                 | 50,3                    | 103,1                    | 22 300                                                                    | 55 700                                  | 48,0                           |
| 50,0                           | 37,5                    | 95,1                     | 26 300                                                                    | 34 600*                                 | 42,7                    | 98,6                     | 23 600                                                                    | 44 800*                                 | 47,5                    | 101,3                    | 20 900                                                                    | 53 400                                  | 50,0                           |
| 52,0                           | 33,7                    | 92,2                     | 24 800                                                                    | 32 800*                                 | 39,4                    | 96,3                     | 22 100                                                                    | 42 200*                                 | 44,5                    | 99,3                     | 19 600                                                                    | 51 100                                  | 52,0                           |
| 54,0                           | 29,6                    | 88,9                     | 23 300                                                                    | 31 200*                                 | 35,9                    | 93,6                     | 20 800                                                                    | 39 700*                                 | 41,3                    | 97,1                     | 18 300                                                                    | 48 800                                  | 54,0                           |
| 56,0                           | 24,8                    | 84,9                     | 22 000                                                                    | 29 800*                                 | 32,0                    | 90,5                     | 19 600                                                                    | 37 500*                                 | 37,9                    | 94,6                     | 17 200                                                                    | 46 500                                  | 56,0                           |
| 58,0                           | 18,9                    | 79,7                     | 20 700                                                                    | 28 800*                                 | 27,6                    | 86,9                     | 18 500                                                                    | 35 600*                                 | 34,3                    | 91,8                     | 16 100                                                                    | 44 300*                                 | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         | 22,5                    | 82,5                     | 17 300                                                                    | 33 900*                                 | 30,2                    | 88,5                     | 15 100                                                                    | 41 700*                                 | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         | 15,7                    | 76,4                     | 16 300                                                                    | 32 600*                                 | 25,5                    | 84,6                     | 14 200                                                                    | 39 400*                                 | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,8                    | 79,6                     | 13 300                                                                    | 37 200*                                 | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 80,0                           |

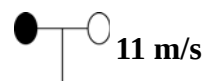
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 27,4                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 27,4                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 59,7                    | 107,1                    | 18 900                                                                    | 54 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 57,2                    | 105,8                    | 17 600                                                                    | 51 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 54,6                    | 104,4                    | 16 300                                                                    | 49 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 51,9                    | 102,8                    | 15 200                                                                    | 47 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 49,1                    | 101,1                    | 14 200                                                                    | 45 200                                  | 55,9                    | 103,4                    | 10 100                                                                    | 41 600                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 46,2                    | 99,3                     | 13 200                                                                    | 43 100                                  | 53,3                    | 102,0                    | 9 300                                                                     | 39 700                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 43,1                    | 97,2                     | 12 300                                                                    | 41 100                                  | 50,5                    | 100,3                    | 8 500                                                                     | 37 800                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 39,9                    | 94,8                     | 11 500                                                                    | 39 300                                  | 47,7                    | 98,6                     | 7 800                                                                     | 36 100                                  |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 36,4                    | 92,2                     | 10 700                                                                    | 37 600                                  | 44,7                    | 96,6                     | 7 200                                                                     | 34 600                                  |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           | 32,5                    | 89,2                     | 9 900                                                                     | 36 000                                  | 41,5                    | 94,4                     | 6 600                                                                     | 33 100                                  | 48,9                    | 97,2                     | 3 300                                                                     | 30 200                                  | 64,0                           |
| 66,0                           | 28,2                    | 85,7                     | 9 200                                                                     | 34 400                                  | 38,2                    | 91,9                     | 6 000                                                                     | 31 700                                  | 46,0                    | 95,4                     | 2 800                                                                     | 28 900                                  | 66,0                           |
| 68,0                           | 23,2                    | 81,4                     | 8 600                                                                     | 33 000                                  | 34,5                    | 89,1                     | 5 400                                                                     | 30 400                                  | 42,9                    | 93,3                     | 2 300                                                                     | 27 700                                  | 68,0                           |
| 70,0                           | 16,7                    | 75,6                     | 7 900                                                                     | 31 700                                  | 30,5                    | 85,9                     | 4 900                                                                     | 29 100                                  | 39,6                    | 90,9                     | 1 900                                                                     | 26 500                                  | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         | 25,9                    | 82,0                     | 4 400                                                                     | 27 900                                  | 36,1                    | 88,3                     | 1 500                                                                     | 25 500                                  | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         | 20,2                    | 77,1                     | 3 900                                                                     | 26 800                                  | 32,2                    | 85,2                     | 1 100                                                                     | 24 400                                  | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         | 12,2                    | 69,8                     | 3 400                                                                     | 25 700                                  | 27,9                    | 81,6                     | 800                                                                       | 23 400                                  | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,8                    | 77,2                     |                                                                           | 22 500                                  | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,1                    | 71,3                     |                                                                           | 21 600                                  | 80,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

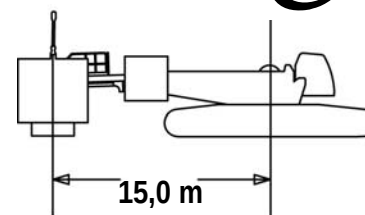
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

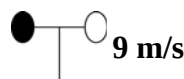
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

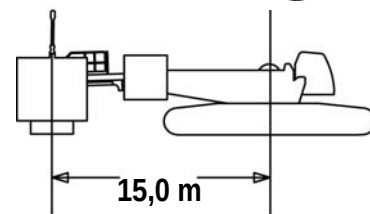
60,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 32,0                           | 65,8                    | 117,3                           | 48 800                                                                    | 55 800*                                 | 69,0                    | 118,3                           | 44 100                                                                    | 62 600*                                 |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 63,6                    | 116,3                           | 44 900                                                                    | 53 200*                                 | 67,0                    | 117,5                           | 40 600                                                                    | 62 600*                                 |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 61,5                    | 115,3                           | 41 500                                                                    | 50 400*                                 | 64,9                    | 116,6                           | 37 500                                                                    | 61 800*                                 |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 59,3                    | 114,1                           | 38 500                                                                    | 47 700*                                 | 62,7                    | 115,5                           | 34 700                                                                    | 59 600*                                 | 66,0                    | 116,6                           | 30 900                                                                    | 60 000*                                 | 38,0                           |
| 40,0                           | 57,0                    | 112,8                           | 35 800                                                                    | 45 100*                                 | 60,5                    | 114,4                           | 32 200                                                                    | 57 100*                                 | 63,9                    | 115,6                           | 28 600                                                                    | 60 000*                                 | 40,0                           |
| 42,0                           | 54,7                    | 111,4                           | 33 400                                                                    | 42 600*                                 | 58,3                    | 113,2                           | 30 000                                                                    | 54 400*                                 | 61,8                    | 114,5                           | 26 500                                                                    | 60 000*                                 | 42,0                           |
| 44,0                           | 52,3                    | 109,9                           | 31 200                                                                    | 40 200*                                 | 56,0                    | 111,9                           | 27 900                                                                    | 51 700*                                 | 59,6                    | 113,4                           | 24 700                                                                    | 59 200                                  | 44,0                           |
| 46,0                           | 49,8                    | 108,2                           | 29 200                                                                    | 37 900*                                 | 53,6                    | 110,4                           | 26 100                                                                    | 49 100*                                 | 57,3                    | 112,1                           | 23 000                                                                    | 56 600                                  | 46,0                           |
| 48,0                           | 47,2                    | 106,4                           | 27 400                                                                    | 35 800*                                 | 51,2                    | 108,8                           | 24 400                                                                    | 46 400*                                 | 55,0                    | 110,7                           | 21 500                                                                    | 54 100                                  | 48,0                           |
| 50,0                           | 44,5                    | 104,4                           | 25 700                                                                    | 33 800*                                 | 48,7                    | 107,1                           | 22 900                                                                    | 43 900*                                 | 52,6                    | 109,2                           | 20 100                                                                    | 51 800                                  | 50,0                           |
| 52,0                           | 41,7                    | 102,2                           | 24 200                                                                    | 31 900*                                 | 46,1                    | 105,2                           | 21 500                                                                    | 41 400*                                 | 50,1                    | 107,6                           | 18 800                                                                    | 49 700                                  | 52,0                           |
| 54,0                           | 38,7                    | 99,8                            | 22 700                                                                    | 30 300*                                 | 43,3                    | 103,2                           | 20 100                                                                    | 39 100*                                 | 47,5                    | 105,8                           | 17 600                                                                    | 47 600                                  | 54,0                           |
| 56,0                           | 35,4                    | 97,1                            | 21 400                                                                    | 28 700*                                 | 40,4                    | 100,8                           | 18 900                                                                    | 37 000*                                 | 44,9                    | 103,8                           | 16 400                                                                    | 45 800                                  | 56,0                           |
| 58,0                           | 31,9                    | 94,0                            | 20 200                                                                    | 27 300*                                 | 37,3                    | 98,3                            | 17 800                                                                    | 35 000*                                 | 42,1                    | 101,7                           | 15 400                                                                    | 43 700                                  | 58,0                           |
| 60,0                           | 28,0                    | 90,4                            | 19 000                                                                    | 26 200*                                 | 34,0                    | 95,4                            | 16 700                                                                    | 33 100*                                 | 39,1                    | 99,3                            | 14 400                                                                    | 41 600*                                 | 60,0                           |
| 62,0                           | 23,5                    | 86,1                            | 17 900                                                                    | 25 200*                                 | 30,3                    | 92,2                            | 15 700                                                                    | 31 500*                                 | 35,9                    | 96,6                            | 13 500                                                                    | 39 200*                                 | 62,0                           |
| 64,0                           | 17,9                    | 80,6                            | 16 800                                                                    | 24 400*                                 | 26,2                    | 88,3                            | 14 800                                                                    | 30 000*                                 | 32,4                    | 93,5                            | 12 700                                                                    | 37 100*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 21,3                    | 83,6                            | 13 800                                                                    | 28 800*                                 | 28,6                    | 90,0                            | 11 800                                                                    | 35 100*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 14,8                    | 77,2                            | 13 000                                                                    | 27 800*                                 | 24,1                    | 85,9                            | 11 100                                                                    | 33 200*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,7                    | 80,6                            | 10 300                                                                    | 31 500*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 86,0                           |

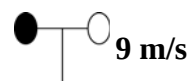
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 32,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 60,8                    | 112,8                           | 16 600                                                                    | 49 900                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 58,6                    | 111,6                           | 15 400                                                                    | 47 700                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 56,3                    | 110,3                           | 14 300                                                                    | 45 700                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 53,9                    | 108,9                           | 13 300                                                                    | 43 800                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 51,5                    | 107,3                           | 12 300                                                                    | 42 100                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 49,0                    | 105,6                           | 11 400                                                                    | 40 300                                  | 55,1                    | 107,9                           | 7 500                                                                     | 37 000                                  |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 46,4                    | 103,7                           | 10 600                                                                    | 38 500                                  | 52,8                    | 106,5                           | 6 900                                                                     | 35 300                                  |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 43,7                    | 101,7                           | 9 800                                                                     | 36 800                                  | 50,3                    | 104,8                           | 6 200                                                                     | 33 700                                  |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 40,8                    | 99,4                            | 9 100                                                                     | 35 200                                  | 47,7                    | 103,0                           | 5 600                                                                     | 32 200                                  |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 37,7                    | 96,9                            | 8 500                                                                     | 33 700                                  | 45,1                    | 101,1                           | 5 100                                                                     | 30 800                                  | 51,3                    | 103,4                           | 1 800                                                                     | 28 000                                  | 66,0                           |
| 68,0                           | 34,4                    | 94,1                            | 7 800                                                                     | 32 300                                  | 42,3                    | 98,9                            | 4 600                                                                     | 29 500                                  | 48,8                    | 101,7                           | 1 300                                                                     | 26 800                                  | 68,0                           |
| 70,0                           | 30,8                    | 90,9                            | 7 200                                                                     | 31 000                                  | 39,3                    | 96,6                            | 4 000                                                                     | 28 300                                  | 46,2                    | 99,8                            | 900                                                                       | 25 700                                  | 70,0                           |
| 72,0                           | 26,7                    | 87,1                            | 6 600                                                                     | 29 800                                  | 36,1                    | 93,9                            | 3 500                                                                     | 27 200                                  | 43,5                    | 97,8                            |                                                                           | 24 600                                  | 72,0                           |
| 74,0                           | 21,9                    | 82,5                            | 6 000                                                                     | 28 600                                  | 32,7                    | 90,9                            | 3 100                                                                     | 26 100                                  | 40,6                    | 95,5                            |                                                                           | 23 600                                  | 74,0                           |
| 76,0                           | 15,8                    | 76,4                            | 5 400                                                                     | 27 400                                  | 28,8                    | 87,4                            | 2 600                                                                     | 25 000                                  | 37,5                    | 93,0                            |                                                                           | 22 600                                  | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         | 24,5                    | 83,3                            | 2 200                                                                     | 24 000                                  | 34,1                    | 90,1                            |                                                                           | 21 700                                  | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 19,1                    | 78,1                            | 1 800                                                                     | 23 100                                  | 30,5                    | 86,8                            |                                                                           | 20 800                                  | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         | 11,6                    | 70,4                            | 1 300                                                                     | 22 100                                  | 26,4                    | 83,0                            |                                                                           | 20 000                                  | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,5                    | 78,4                            |                                                                           | 19 200                                  | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,2                    | 72,1                            |                                                                           | 18 400                                  | 86,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

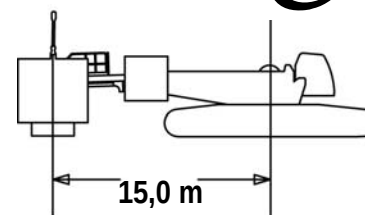
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

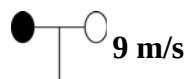
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

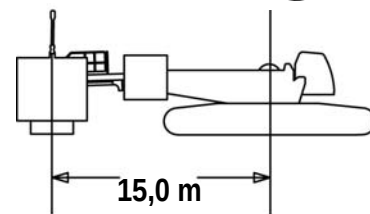
60,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 35,1                           | 65,2                    | 122,5                    | 42 400                                                                    | 47 800*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 35,1                           |
| 36,0                           | 64,3                    | 122,0                    | 40 800                                                                    | 46 800*                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 62,3                    | 121,0                    | 37 800                                                                    | 44 700*                                 | 65,4                    | 122,2                    | 33 900                                                                    | 53 200*                                 |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 60,3                    | 119,9                    | 35 100                                                                    | 42 600*                                 | 63,5                    | 121,3                    | 31 400                                                                    | 52 600*                                 | 66,5                    | 122,2                    | 27 700                                                                    | 51 000*                                 | 40,0                           |
| 42,0                           | 58,3                    | 118,7                    | 32 600                                                                    | 40 500*                                 | 61,5                    | 120,2                    | 29 100                                                                    | 50 500*                                 | 64,5                    | 121,3                    | 25 700                                                                    | 51 000*                                 | 42,0                           |
| 44,0                           | 56,2                    | 117,3                    | 30 500                                                                    | 38 400*                                 | 59,5                    | 119,0                    | 27 100                                                                    | 48 500*                                 | 62,6                    | 120,3                    | 23 800                                                                    | 51 000*                                 | 44,0                           |
| 46,0                           | 54,1                    | 115,9                    | 28 400                                                                    | 36 500*                                 | 57,4                    | 117,8                    | 25 300                                                                    | 46 400*                                 | 60,6                    | 119,2                    | 22 100                                                                    | 51 000*                                 | 46,0                           |
| 48,0                           | 51,9                    | 114,4                    | 26 600                                                                    | 34 500*                                 | 55,3                    | 116,4                    | 23 600                                                                    | 44 300*                                 | 58,6                    | 118,0                    | 20 600                                                                    | 51 000*                                 | 48,0                           |
| 50,0                           | 49,6                    | 112,7                    | 25 000                                                                    | 32 800*                                 | 53,2                    | 114,9                    | 22 100                                                                    | 42 200*                                 | 56,5                    | 116,7                    | 19 200                                                                    | 50 100                                  | 50,0                           |
| 52,0                           | 47,3                    | 110,9                    | 23 400                                                                    | 31 000*                                 | 50,9                    | 113,3                    | 20 700                                                                    | 40 200*                                 | 54,4                    | 115,2                    | 17 900                                                                    | 48 100                                  | 52,0                           |
| 54,0                           | 44,8                    | 108,9                    | 22 000                                                                    | 29 500*                                 | 48,6                    | 111,6                    | 19 300                                                                    | 38 100*                                 | 52,2                    | 113,7                    | 16 700                                                                    | 46 200                                  | 54,0                           |
| 56,0                           | 42,3                    | 106,8                    | 20 700                                                                    | 28 000*                                 | 46,3                    | 109,7                    | 18 100                                                                    | 36 200*                                 | 49,9                    | 112,1                    | 15 600                                                                    | 44 300                                  | 56,0                           |
| 58,0                           | 39,6                    | 104,4                    | 19 400                                                                    | 26 600*                                 | 43,8                    | 107,7                    | 17 000                                                                    | 34 400*                                 | 47,6                    | 110,3                    | 14 600                                                                    | 42 600                                  | 58,0                           |
| 60,0                           | 36,8                    | 101,8                    | 18 300                                                                    | 25 400*                                 | 41,2                    | 105,4                    | 15 900                                                                    | 32 600*                                 | 45,2                    | 108,3                    | 13 600                                                                    | 40 800                                  | 60,0                           |
| 62,0                           | 33,7                    | 98,9                     | 17 200                                                                    | 24 200*                                 | 38,4                    | 103,0                    | 15 000                                                                    | 31 000*                                 | 42,6                    | 106,2                    | 12 700                                                                    | 38 500*                                 | 62,0                           |
| 64,0                           | 30,4                    | 95,6                     | 16 200                                                                    | 23 200*                                 | 35,5                    | 100,2                    | 14 100                                                                    | 29 500*                                 | 40,0                    | 103,9                    | 11 900                                                                    | 36 400*                                 | 64,0                           |
| 66,0                           | 26,6                    | 91,8                     | 15 300                                                                    | 22 300*                                 | 32,3                    | 97,2                     | 13 200                                                                    | 28 100*                                 | 37,2                    | 101,3                    | 11 100                                                                    | 34 400*                                 | 66,0                           |
| 68,0                           | 22,3                    | 87,3                     | 14 400                                                                    | 21 600*                                 | 28,8                    | 93,7                     | 12 300                                                                    | 26 800*                                 | 34,1                    | 98,4                     | 10 300                                                                    | 32 600*                                 | 68,0                           |
| 70,0                           | 17,0                    | 81,4                     | 13 500                                                                    | 21 000*                                 | 24,9                    | 89,6                     | 11 600                                                                    | 25 700*                                 | 30,8                    | 95,2                     | 9 600                                                                     | 30 900*                                 | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         | 20,2                    | 84,7                     | 10 800                                                                    | 24 700*                                 | 27,2                    | 91,5                     | 8 900                                                                     | 29 400*                                 | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         | 14,1                    | 77,9                     | 10 100                                                                    | 23 700*                                 | 23,0                    | 87,1                     | 8 300                                                                     | 27 900*                                 | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 17,8                    | 81,5                     | 7 600                                                                     | 26 400*                                 | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 92,0                           |

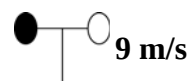
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 66,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 35,1                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 35,1                  |
| 36,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 36,0                  |
| 38,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,0                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 61,7                 | 118,6                  | 14 500                                                     | 46 000                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 59,7                 | 117,4                  | 13 400                                                     | 44 200                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 57,7                 | 116,2                  | 12 400                                                     | 42 400                         |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 55,6                 | 114,8                  | 11 400                                                     | 40 600                         |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 53,4                 | 113,4                  | 10 500                                                     | 39 000                         |                      |                        |                                                            |                                |                      |                        |                                | 58,0                  |
| 60,0                  | 51,2                 | 111,8                  | 9 700                                                      | 37 400                         | 56,7                 | 113,9                  | 5 900                                                      | 34 100                         |                      |                        |                                | 60,0                  |
| 62,0                  | 48,9                 | 110,1                  | 9 000                                                      | 36 000                         | 54,5                 | 112,5                  | 5 300                                                      | 32 800                         |                      |                        |                                | 62,0                  |
| 64,0                  | 46,6                 | 108,2                  | 8 300                                                      | 34 400                         | 52,3                 | 110,9                  | 4 700                                                      | 31 400                         |                      |                        |                                | 64,0                  |
| 66,0                  | 44,1                 | 106,2                  | 7 600                                                      | 32 900                         | 50,1                 | 109,3                  | 4 100                                                      | 30 000                         |                      |                        |                                | 66,0                  |
| 68,0                  | 41,5                 | 104,0                  | 6 900                                                      | 31 500                         | 47,8                 | 107,5                  | 3 600                                                      | 28 700                         |                      |                        |                                | 68,0                  |
| 70,0                  | 38,8                 | 101,6                  | 6 300                                                      | 30 300                         | 45,4                 | 105,6                  | 3 100                                                      | 27 500                         | 51,1                 | 107,9                  | 24 800                         | 70,0                  |
| 72,0                  | 35,9                 | 98,9                   | 5 800                                                      | 29 000                         | 42,8                 | 103,5                  | 2 600                                                      | 26 400                         | 48,8                 | 106,2                  | 23 700                         | 72,0                  |
| 74,0                  | 32,7                 | 95,9                   | 5 200                                                      | 27 900                         | 40,2                 | 101,2                  | 2 200                                                      | 25 300                         | 46,4                 | 104,3                  | 22 700                         | 74,0                  |
| 76,0                  | 29,3                 | 92,4                   | 4 700                                                      | 26 700                         | 37,4                 | 98,6                   | 1 800                                                      | 24 200                         | 43,9                 | 102,3                  | 21 800                         | 76,0                  |
| 78,0                  | 25,4                 | 88,5                   | 4 200                                                      | 25 700                         | 34,3                 | 95,8                   | 1 300                                                      | 23 300                         | 41,3                 | 100,1                  | 20 900                         | 78,0                  |
| 80,0                  | 20,9                 | 83,6                   | 3 700                                                      | 24 700                         | 31,1                 | 92,6                   | 1 000                                                      | 22 300                         | 38,6                 | 97,6                   | 20 000                         | 80,0                  |
| 82,0                  | 15,0                 | 77,2                   | 3 200                                                      | 23 700                         | 27,4                 | 88,9                   |                                                            | 21 400                         | 35,6                 | 94,9                   | 19 200                         | 82,0                  |
| 84,0                  |                      |                        |                                                            |                                | 23,3                 | 84,5                   |                                                            | 20 600                         | 32,5                 | 91,9                   | 18 400                         | 84,0                  |
| 86,0                  |                      |                        |                                                            |                                | 18,2                 | 79,1                   |                                                            | 19 800                         | 29,0                 | 88,4                   | 17 700                         | 86,0                  |
| 88,0                  |                      |                        |                                                            |                                | 11,0                 | 71,0                   |                                                            | 19 000                         | 25,1                 | 84,4                   | 17 000                         | 88,0                  |
| 90,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 20,5                 | 79,4                   | 16 300                         | 90,0                  |
| 92,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 14,5                 | 72,8                   | 15 600                         | 92,0                  |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

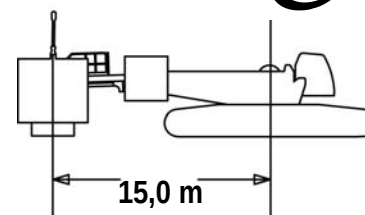
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

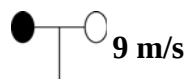
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 38,1                           | 64,7                    | 127,7                    | 37 000                                                                    | 41 200*                                 | 67,5                    | 128,8                    | 33 000                                                                    | 45 300*                                 |                         |                          |                                                                           |                                         | 38,1                           |
| 40,0                           | 63,0                    | 126,7                    | 34 400                                                                    | 39 600*                                 | 65,8                    | 127,9                    | 30 600                                                                    | 45 100*                                 |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 61,2                    | 125,7                    | 32 000                                                                    | 37 900*                                 | 64,1                    | 127,0                    | 28 400                                                                    | 45 000*                                 | 66,8                    | 127,9                    | 24 900                                                                    | 43 300*                                 | 42,0                           |
| 44,0                           | 59,4                    | 124,5                    | 29 800                                                                    | 36 200*                                 | 62,3                    | 125,9                    | 26 400                                                                    | 44 600*                                 | 65,1                    | 127,0                    | 23 000                                                                    | 43 300*                                 | 44,0                           |
| 46,0                           | 57,5                    | 123,2                    | 27 800                                                                    | 34 600*                                 | 60,4                    | 124,8                    | 24 600                                                                    | 43 100*                                 | 63,3                    | 126,0                    | 21 300                                                                    | 43 300*                                 | 46,0                           |
| 48,0                           | 55,6                    | 121,9                    | 26 000                                                                    | 33 000*                                 | 58,6                    | 123,6                    | 22 900                                                                    | 41 500*                                 | 61,5                    | 124,9                    | 19 800                                                                    | 43 300*                                 | 48,0                           |
| 50,0                           | 53,6                    | 120,4                    | 24 300                                                                    | 31 400*                                 | 56,7                    | 122,3                    | 21 300                                                                    | 39 800*                                 | 59,6                    | 123,8                    | 18 400                                                                    | 43 300*                                 | 50,0                           |
| 52,0                           | 51,6                    | 118,8                    | 22 800                                                                    | 29 900*                                 | 54,7                    | 120,9                    | 19 900                                                                    | 38 200*                                 | 57,8                    | 122,5                    | 17 100                                                                    | 43 300*                                 | 52,0                           |
| 54,0                           | 49,5                    | 117,2                    | 21 400                                                                    | 28 500*                                 | 52,8                    | 119,4                    | 18 600                                                                    | 36 600*                                 | 55,8                    | 121,2                    | 15 900                                                                    | 43 300*                                 | 54,0                           |
| 56,0                           | 47,4                    | 115,3                    | 20 000                                                                    | 27 100*                                 | 50,7                    | 117,8                    | 17 400                                                                    | 34 900*                                 | 53,9                    | 119,8                    | 14 800                                                                    | 42 800                                  | 56,0                           |
| 58,0                           | 45,1                    | 113,4                    | 18 800                                                                    | 25 800*                                 | 48,6                    | 116,1                    | 16 300                                                                    | 33 300*                                 | 51,9                    | 118,2                    | 13 800                                                                    | 41 200                                  | 58,0                           |
| 60,0                           | 42,8                    | 111,3                    | 17 700                                                                    | 24 600*                                 | 46,4                    | 114,2                    | 15 300                                                                    | 31 800*                                 | 49,8                    | 116,5                    | 12 800                                                                    | 39 600                                  | 60,0                           |
| 62,0                           | 40,4                    | 109,0                    | 16 600                                                                    | 23 500*                                 | 44,2                    | 112,2                    | 14 300                                                                    | 30 300*                                 | 47,7                    | 114,7                    | 12 000                                                                    | 38 000                                  | 62,0                           |
| 64,0                           | 37,8                    | 106,5                    | 15 600                                                                    | 22 500*                                 | 41,8                    | 110,0                    | 13 400                                                                    | 28 900*                                 | 45,4                    | 112,8                    | 11 100                                                                    | 35 900*                                 | 64,0                           |
| 66,0                           | 35,1                    | 103,7                    | 14 700                                                                    | 21 500*                                 | 39,3                    | 107,6                    | 12 500                                                                    | 27 500*                                 | 43,1                    | 110,7                    | 10 300                                                                    | 34 000*                                 | 66,0                           |
| 68,0                           | 32,2                    | 100,6                    | 13 800                                                                    | 20 600*                                 | 36,7                    | 105,0                    | 11 700                                                                    | 26 300*                                 | 40,7                    | 108,4                    | 9 600                                                                     | 32 200*                                 | 68,0                           |
| 70,0                           | 29,0                    | 97,1                     | 13 000                                                                    | 19 900*                                 | 33,9                    | 102,1                    | 10 900                                                                    | 25 100*                                 | 38,2                    | 105,9                    | 8 900                                                                     | 30 500*                                 | 70,0                           |
| 72,0                           | 25,5                    | 93,2                     | 12 100                                                                    | 19 200*                                 | 30,9                    | 98,8                     | 10 200                                                                    | 24 100*                                 | 35,5                    | 103,2                    | 8 200                                                                     | 28 900*                                 | 72,0                           |
| 74,0                           | 21,3                    | 88,4                     | 11 400                                                                    | 18 600*                                 | 27,5                    | 95,2                     | 9 500                                                                     | 23 100*                                 | 32,6                    | 100,2                    | 7 600                                                                     | 27 400*                                 | 74,0                           |
| 76,0                           | 16,2                    | 82,3                     | 10 600                                                                    | 18 200*                                 | 23,8                    | 90,9                     | 8 800                                                                     | 22 200*                                 | 29,5                    | 96,8                     | 7 000                                                                     | 26 000*                                 | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         | 19,3                    | 85,7                     | 8 200                                                                     | 21 400*                                 | 26,0                    | 92,9                     | 6 400                                                                     | 24 700*                                 | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         | 13,5                    | 78,6                     | 7 600                                                                     | 20 200*                                 | 21,9                    | 88,2                     | 5 900                                                                     | 23 500*                                 | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 17,0                    | 82,4                     | 5 300                                                                     | 22 200*                                 | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

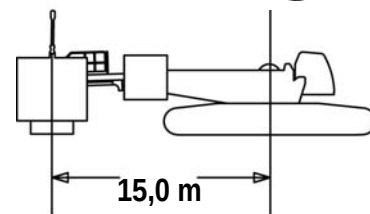
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

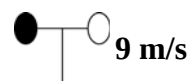
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-----------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                             |
| 38,1                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 38,1                        |
| 40,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 40,0                        |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 42,0                        |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 44,0                        |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 46,0                        |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 48,0                        |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 50,0                        |
| 52,0                           | 62,5                    | 124,3                           | 12 500                                                                    | 39 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 52,0                        |
| 54,0                           | 60,7                    | 123,2                           | 11 500                                                                    | 39 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 54,0                        |
| 56,0                           | 58,8                    | 122,0                           | 10 500                                                                    | 39 100                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 56,0                        |
| 58,0                           | 56,9                    | 120,7                           | 9 700                                                                     | 37 600                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 58,0                        |
| 60,0                           | 55,0                    | 119,4                           | 8 800                                                                     | 36 100                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 60,0                        |
| 62,0                           | 53,0                    | 117,9                           | 8 100                                                                     | 34 700                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 62,0                        |
| 64,0                           | 51,0                    | 116,3                           | 7 400                                                                     | 33 300                                  | 56,0                    | 118,4                           | 3 700                                                                     | 30 200                                  |                         |                                 |                                         | 64,0                        |
| 66,0                           | 48,9                    | 114,6                           | 6 700                                                                     | 32 100                                  | 54,0                    | 117,0                           | 3 200                                                                     | 29 000                                  |                         |                                 |                                         | 66,0                        |
| 68,0                           | 46,7                    | 112,7                           | 6 100                                                                     | 30 800                                  | 52,0                    | 115,4                           | 2 700                                                                     | 27 900                                  |                         |                                 |                                         | 68,0                        |
| 70,0                           | 44,5                    | 110,7                           | 5 500                                                                     | 29 500                                  | 49,9                    | 113,8                           | 2 200                                                                     | 26 700                                  |                         |                                 |                                         | 70,0                        |
| 72,0                           | 42,1                    | 108,5                           | 5 000                                                                     | 28 300                                  | 47,8                    | 112,0                           | 1 700                                                                     | 25 500                                  |                         |                                 |                                         | 72,0                        |
| 74,0                           | 39,6                    | 106,2                           | 4 400                                                                     | 27 100                                  | 45,6                    | 110,1                           | 1 300                                                                     | 24 500                                  | 50,8                    | 112,4                           | 21 900                                  | 74,0                        |
| 76,0                           | 37,0                    | 103,6                           | 3 900                                                                     | 26 000                                  | 43,3                    | 108,0                           | 900                                                                       | 23 500                                  | 48,7                    | 110,7                           | 20 900                                  | 76,0                        |
| 78,0                           | 34,3                    | 100,7                           | 3 500                                                                     | 25 000                                  | 40,9                    | 105,7                           |                                                                           | 22 500                                  | 46,5                    | 108,8                           | 20 000                                  | 78,0                        |
| 80,0                           | 31,3                    | 97,5                            | 3 000                                                                     | 24 000                                  | 38,4                    | 103,2                           |                                                                           | 21 600                                  | 44,3                    | 106,8                           | 19 200                                  | 80,0                        |
| 82,0                           | 28,0                    | 93,9                            | 2 500                                                                     | 23 100                                  | 35,7                    | 100,5                           |                                                                           | 20 700                                  | 41,9                    | 104,6                           | 18 400                                  | 82,0                        |
| 84,0                           | 24,3                    | 89,7                            | 2 100                                                                     | 22 200                                  | 32,8                    | 97,5                            |                                                                           | 19 900                                  | 39,4                    | 102,2                           | 17 600                                  | 84,0                        |
| 86,0                           | 19,9                    | 84,7                            | 1 700                                                                     | 21 300                                  | 29,7                    | 94,1                            |                                                                           | 19 100                                  | 36,8                    | 99,6                            | 16 900                                  | 86,0                        |
| 88,0                           | 14,4                    | 77,9                            | 1 300                                                                     | 20 500                                  | 26,2                    | 90,3                            |                                                                           | 18 300                                  | 34,0                    | 96,7                            | 16 200                                  | 88,0                        |
| 90,0                           |                         |                                 |                                                                           |                                         | 22,2                    | 85,7                            |                                                                           | 17 600                                  | 31,0                    | 93,5                            | 15 500*                                 | 90,0                        |
| 92,0                           |                         |                                 |                                                                           |                                         | 17,4                    | 79,9                            |                                                                           | 16 900                                  | 27,7                    | 89,9                            | 14 800*                                 | 92,0                        |
| 94,0                           |                         |                                 |                                                                           |                                         | 10,5                    | 71,5                            |                                                                           | 16 200                                  | 24,0                    | 85,6                            | 14 100*                                 | 94,0                        |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,6                    | 80,5                            | 13 500*                                 | 96,0                        |
| 98,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,8                    | 73,5                            | 12 900*                                 | 98,0                        |

# Liftcrane Luffing Jib Capacities

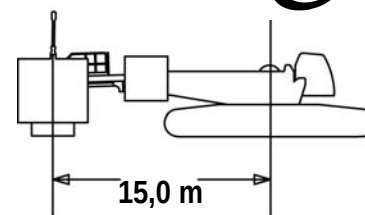
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

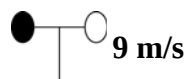
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 42,7                           | 63,1                    | 132,1                    | 30 600                                                                    | 34 600*                                 | 65,7                    | 133,3                    | 27 000                                                                    | 38 400*                                 |                         |                          |                                                                           |                                         | 42,7                           |
| 44,0                           | 62,0                    | 131,4                    | 29 200                                                                    | 33 700*                                 | 64,6                    | 132,7                    | 25 700                                                                    | 38 300*                                 |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 60,3                    | 130,3                    | 27 200                                                                    | 32 300*                                 | 62,9                    | 131,7                    | 23 900                                                                    | 38 100*                                 | 65,5                    | 132,7                    | 20 600                                                                    | 36 900*                                 | 46,0                           |
| 48,0                           | 58,6                    | 129,1                    | 25 400                                                                    | 31 000*                                 | 61,3                    | 130,6                    | 22 200                                                                    | 37 900*                                 | 63,9                    | 131,7                    | 19 100                                                                    | 36 900*                                 | 48,0                           |
| 50,0                           | 56,8                    | 127,8                    | 23 700                                                                    | 29 700*                                 | 59,6                    | 129,4                    | 20 700                                                                    | 37 000*                                 | 62,2                    | 130,7                    | 17 700                                                                    | 36 800*                                 | 50,0                           |
| 52,0                           | 55,0                    | 126,4                    | 22 100                                                                    | 28 400*                                 | 57,8                    | 128,2                    | 19 300                                                                    | 35 700*                                 | 60,5                    | 129,6                    | 16 400                                                                    | 36 800*                                 | 52,0                           |
| 54,0                           | 53,2                    | 124,9                    | 20 700                                                                    | 27 200*                                 | 56,1                    | 126,8                    | 18 000                                                                    | 34 400*                                 | 58,8                    | 128,4                    | 15 200                                                                    | 36 700*                                 | 54,0                           |
| 56,0                           | 51,3                    | 123,3                    | 19 400                                                                    | 25 900*                                 | 54,3                    | 125,4                    | 16 800                                                                    | 33 000*                                 | 57,1                    | 127,1                    | 14 100                                                                    | 36 600*                                 | 56,0                           |
| 58,0                           | 49,4                    | 121,6                    | 18 200                                                                    | 24 800*                                 | 52,4                    | 123,9                    | 15 600                                                                    | 31 700*                                 | 55,3                    | 125,7                    | 13 100                                                                    | 36 500*                                 | 58,0                           |
| 60,0                           | 47,4                    | 119,8                    | 17 100                                                                    | 23 700*                                 | 50,5                    | 122,3                    | 14 600                                                                    | 30 400*                                 | 53,5                    | 124,2                    | 12 200                                                                    | 36 400*                                 | 60,0                           |
| 62,0                           | 45,4                    | 117,9                    | 16 000                                                                    | 22 700*                                 | 48,6                    | 120,5                    | 13 700                                                                    | 29 100*                                 | 51,6                    | 122,7                    | 11 300                                                                    | 36 100*                                 | 62,0                           |
| 64,0                           | 43,3                    | 115,8                    | 15 000                                                                    | 21 700*                                 | 46,6                    | 118,7                    | 12 700                                                                    | 27 900*                                 | 49,7                    | 121,0                    | 10 400                                                                    | 34 900*                                 | 64,0                           |
| 66,0                           | 41,0                    | 113,5                    | 14 100                                                                    | 20 700*                                 | 44,5                    | 116,7                    | 11 900                                                                    | 26 700*                                 | 47,7                    | 119,2                    | 9 700                                                                     | 33 300*                                 | 66,0                           |
| 68,0                           | 38,7                    | 111,1                    | 13 200                                                                    | 19 900*                                 | 42,3                    | 114,5                    | 11 100                                                                    | 25 500*                                 | 45,7                    | 117,3                    | 8 900                                                                     | 31 500*                                 | 68,0                           |
| 70,0                           | 36,3                    | 108,4                    | 12 400                                                                    | 19 100*                                 | 40,1                    | 112,2                    | 10 300                                                                    | 24 500*                                 | 43,5                    | 115,2                    | 8 200                                                                     | 29 800*                                 | 70,0                           |
| 72,0                           | 33,7                    | 105,5                    | 11 600                                                                    | 18 400*                                 | 37,7                    | 109,6                    | 9 600                                                                     | 23 400*                                 | 41,3                    | 113,0                    | 7 600                                                                     | 28 300*                                 | 72,0                           |
| 74,0                           | 30,9                    | 102,3                    | 10 800                                                                    | 17 700*                                 | 35,2                    | 106,9                    | 8 900                                                                     | 22 500*                                 | 39,0                    | 110,6                    | 6 900                                                                     | 26 800*                                 | 74,0                           |
| 76,0                           | 27,8                    | 98,6                     | 10 100                                                                    | 17 100*                                 | 32,5                    | 103,8                    | 8 300                                                                     | 21 600*                                 | 36,6                    | 107,9                    | 6 400                                                                     | 25 500*                                 | 76,0                           |
| 78,0                           | 24,4                    | 94,4                     | 9 500                                                                     | 16 600*                                 | 29,6                    | 100,4                    | 7 600                                                                     | 20 800*                                 | 34,0                    | 105,1                    | 5 800                                                                     | 24 200*                                 | 78,0                           |
| 80,0                           | 20,5                    | 89,5                     | 8 800                                                                     | 16 200*                                 | 26,4                    | 96,6                     | 7 000                                                                     | 20 000*                                 | 31,3                    | 101,9                    | 5 200                                                                     | 23 000*                                 | 80,0                           |
| 82,0                           | 15,6                    | 83,1                     | 8 200                                                                     | 15 900*                                 | 22,8                    | 92,1                     | 6 500                                                                     | 19 300*                                 | 28,3                    | 98,3                     | 4 800                                                                     | 21 800*                                 | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         | 18,5                    | 86,6                     | 5 900                                                                     | 18 700*                                 | 24,9                    | 94,2                     | 4 300                                                                     | 20 800*                                 | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         | 12,9                    | 79,2                     | 5 400                                                                     | 16 800*                                 | 21,0                    | 89,3                     | 3 800                                                                     | 19 700*                                 | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,3                    | 83,2                     | 3 300                                                                     | 18 600*                                 | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 104,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

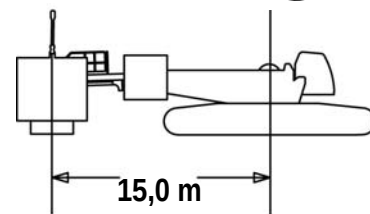
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

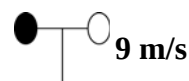
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-----------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                             |
| 42,7                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 42,7                        |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 44,0                        |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 46,0                        |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 48,0                        |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 50,0                        |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 52,0                        |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 54,0                        |
| 56,0                           | 61,5                    | 129,0                           | 9 700                                                                     | 33 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 56,0                        |
| 58,0                           | 59,8                    | 127,8                           | 8 900                                                                     | 33 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 58,0                        |
| 60,0                           | 58,0                    | 126,6                           | 8 100                                                                     | 33 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 60,0                        |
| 62,0                           | 56,3                    | 125,3                           | 7 300                                                                     | 33 300                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 62,0                        |
| 64,0                           | 54,5                    | 123,9                           | 6 600                                                                     | 32 200                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 64,0                        |
| 66,0                           | 52,7                    | 122,4                           | 6 000                                                                     | 31 000                                  | 57,2                    | 124,3                           | 2 400                                                                     | 27 900                                  |                         |                                 |                                         | 66,0                        |
| 68,0                           | 50,8                    | 120,8                           | 5 400                                                                     | 29 800                                  | 55,4                    | 122,9                           | 1 900                                                                     | 26 700                                  |                         |                                 |                                         | 68,0                        |
| 70,0                           | 48,8                    | 119,0                           | 4 800                                                                     | 28 700                                  | 53,6                    | 121,5                           | 1 400                                                                     | 25 700                                  |                         |                                 |                                         | 70,0                        |
| 72,0                           | 46,8                    | 117,2                           | 4 300                                                                     | 27 600                                  | 51,7                    | 119,9                           | 1 000                                                                     | 24 700                                  |                         |                                 |                                         | 72,0                        |
| 74,0                           | 44,8                    | 115,2                           | 3 700                                                                     | 26 500                                  | 49,8                    | 118,2                           |                                                                           | 23 700                                  |                         |                                 |                                         | 74,0                        |
| 76,0                           | 42,6                    | 113,1                           | 3 200                                                                     | 25 400                                  | 47,8                    | 116,5                           |                                                                           | 22 800                                  |                         |                                 |                                         | 76,0                        |
| 78,0                           | 40,4                    | 110,7                           | 2 700                                                                     | 24 400                                  | 45,8                    | 114,6                           |                                                                           | 21 800                                  | 50,6                    | 116,9                           | 19 300                                  | 78,0                        |
| 80,0                           | 38,0                    | 108,2                           | 2 300                                                                     | 23 400                                  | 43,7                    | 112,5                           |                                                                           | 20 900                                  | 48,7                    | 115,1                           | 18 500                                  | 80,0                        |
| 82,0                           | 35,5                    | 105,5                           | 1 900                                                                     | 22 500                                  | 41,5                    | 110,3                           |                                                                           | 20 000                                  | 46,7                    | 113,3                           | 17 600*                                 | 82,0                        |
| 84,0                           | 32,9                    | 102,5                           | 1 500                                                                     | 21 600                                  | 39,2                    | 107,9                           |                                                                           | 19 200                                  | 44,6                    | 111,3                           | 16 800*                                 | 84,0                        |
| 86,0                           | 30,0                    | 99,2                            | 1 100                                                                     | 20 700                                  | 36,8                    | 105,2                           |                                                                           | 18 400                                  | 42,4                    | 109,1                           | 16 100*                                 | 86,0                        |
| 88,0                           | 26,9                    | 95,4                            |                                                                           | 19 900                                  | 34,2                    | 102,4                           |                                                                           | 17 700                                  | 40,2                    | 106,8                           | 15 300*                                 | 88,0                        |
| 90,0                           | 23,3                    | 91,0                            |                                                                           | 19 100                                  | 31,5                    | 99,2                            |                                                                           | 17 000                                  | 37,8                    | 104,3                           | 14 700*                                 | 90,0                        |
| 92,0                           | 19,1                    | 85,7                            |                                                                           | 18 400                                  | 28,5                    | 95,7                            |                                                                           | 16 300                                  | 35,3                    | 101,5                           | 14 000*                                 | 92,0                        |
| 94,0                           | 13,8                    | 78,6                            |                                                                           | 17 700                                  | 25,2                    | 91,6                            |                                                                           | 15 600                                  | 32,7                    | 98,5                            | 13 300*                                 | 94,0                        |
| 96,0                           | 2,8                     | 63,8                            |                                                                           | 15 300                                  | 21,3                    | 86,8                            |                                                                           | 15 000                                  | 29,8                    | 95,1                            | 12 700*                                 | 96,0                        |
| 98,0                           |                         |                                 |                                                                           |                                         | 16,7                    | 80,8                            |                                                                           | 14 400                                  | 26,6                    | 91,3                            | 12 100*                                 | 98,0                        |
| 100,0                          |                         |                                 |                                                                           |                                         | 10,0                    | 72,0                            |                                                                           | 13 700*                                 | 23,0                    | 86,8                            | 11 500*                                 | 100,0                       |
| 102,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,8                    | 81,4                            | 11 000*                                 | 102,0                       |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,3                    | 74,2                            | 10 400*                                 | 104,0                       |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

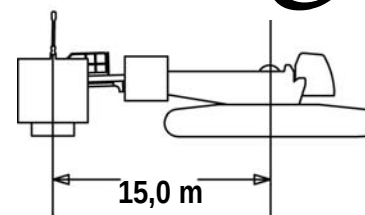
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

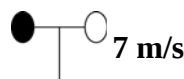
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

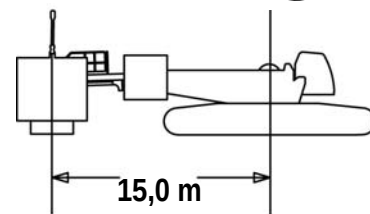
60,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 45,7                           | 62,8                    | 137,3                    | 26 700                                                                    | 30 000*                                 | 65,2                    | 138,5                    | 23 300                                                                    | 32 500*                                 | 67,6                    | 139,4                    | 19 900                                                                    | 31 300*                                 | 45,7                           |
| 46,0                           | 62,6                    | 137,1                    | 26 400                                                                    | 29 800*                                 | 65,0                    | 138,4                    | 23 100                                                                    | 32 400*                                 | 67,3                    | 139,3                    | 19 700                                                                    | 31 300*                                 | 46,0                           |
| 48,0                           | 61,1                    | 136,0                    | 24 600                                                                    | 28 800*                                 | 63,5                    | 137,4                    | 21 400                                                                    | 32 300*                                 | 65,9                    | 138,4                    | 18 200                                                                    | 31 300*                                 | 48,0                           |
| 50,0                           | 59,5                    | 134,9                    | 22 900                                                                    | 27 700*                                 | 61,9                    | 136,3                    | 19 800                                                                    | 32 100*                                 | 64,3                    | 137,4                    | 16 800                                                                    | 31 200*                                 | 50,0                           |
| 52,0                           | 57,9                    | 133,6                    | 21 400                                                                    | 26 700*                                 | 60,4                    | 135,2                    | 18 500                                                                    | 31 900*                                 | 62,8                    | 136,4                    | 15 500                                                                    | 31 100*                                 | 52,0                           |
| 54,0                           | 56,2                    | 132,3                    | 20 000                                                                    | 25 600*                                 | 58,8                    | 134,0                    | 17 200                                                                    | 31 600*                                 | 61,3                    | 135,3                    | 14 300                                                                    | 31 000*                                 | 54,0                           |
| 56,0                           | 54,6                    | 130,9                    | 18 700                                                                    | 24 600*                                 | 57,2                    | 132,7                    | 16 000                                                                    | 30 800*                                 | 59,7                    | 134,2                    | 13 200                                                                    | 30 900*                                 | 56,0                           |
| 58,0                           | 52,9                    | 129,4                    | 17 500                                                                    | 23 600*                                 | 55,5                    | 131,4                    | 14 800                                                                    | 29 700*                                 | 58,1                    | 132,9                    | 12 200                                                                    | 30 700*                                 | 58,0                           |
| 60,0                           | 51,1                    | 127,8                    | 16 300                                                                    | 22 600*                                 | 53,8                    | 129,9                    | 13 800                                                                    | 28 600*                                 | 56,5                    | 131,6                    | 11 300                                                                    | 30 600*                                 | 60,0                           |
| 62,0                           | 49,3                    | 126,1                    | 15 300                                                                    | 21 700*                                 | 52,1                    | 128,4                    | 12 800                                                                    | 27 600*                                 | 54,8                    | 130,2                    | 10 400                                                                    | 30 500*                                 | 62,0                           |
| 64,0                           | 47,5                    | 124,3                    | 14 300                                                                    | 20 800*                                 | 50,4                    | 126,7                    | 11 900                                                                    | 26 500*                                 | 53,1                    | 128,7                    | 9 600                                                                     | 30 300*                                 | 64,0                           |
| 66,0                           | 45,6                    | 122,4                    | 13 300                                                                    | 19 900*                                 | 48,5                    | 125,0                    | 11 100                                                                    | 25 500*                                 | 51,3                    | 127,2                    | 8 800                                                                     | 30 200*                                 | 66,0                           |
| 68,0                           | 43,6                    | 120,3                    | 12 500                                                                    | 19 200*                                 | 46,7                    | 123,1                    | 10 300                                                                    | 24 500*                                 | 49,6                    | 125,5                    | 8 100                                                                     | 30 100*                                 | 68,0                           |
| 70,0                           | 41,6                    | 118,1                    | 11 700                                                                    | 18 400*                                 | 44,8                    | 121,2                    | 9 500                                                                     | 23 600*                                 | 47,7                    | 123,7                    | 7 400                                                                     | 29 200*                                 | 70,0                           |
| 72,0                           | 39,5                    | 115,7                    | 10 900                                                                    | 17 700*                                 | 42,8                    | 119,0                    | 8 800                                                                     | 22 700*                                 | 45,8                    | 121,8                    | 6 700                                                                     | 27 600*                                 | 72,0                           |
| 74,0                           | 37,2                    | 113,1                    | 10 200                                                                    | 17 000*                                 | 40,7                    | 116,7                    | 8 200                                                                     | 21 800*                                 | 43,9                    | 119,7                    | 6 100                                                                     | 26 200*                                 | 74,0                           |
| 76,0                           | 34,9                    | 110,3                    | 9 500                                                                     | 16 400*                                 | 38,5                    | 114,3                    | 7 500                                                                     | 20 900*                                 | 41,9                    | 117,5                    | 5 500                                                                     | 24 800*                                 | 76,0                           |
| 78,0                           | 32,4                    | 107,3                    | 8 800                                                                     | 15 800*                                 | 36,3                    | 111,6                    | 6 900                                                                     | 20 200*                                 | 39,8                    | 115,2                    | 5 000                                                                     | 23 500*                                 | 78,0                           |
| 80,0                           | 29,7                    | 103,9                    | 8 100                                                                     | 15 300*                                 | 33,8                    | 108,7                    | 6 300                                                                     | 19 400*                                 | 37,5                    | 112,6                    | 4 500                                                                     | 22 300*                                 | 80,0                           |
| 82,0                           | 26,8                    | 100,1                    | 7 500                                                                     | 14 900*                                 | 31,3                    | 105,5                    | 5 700                                                                     | 18 700*                                 | 35,2                    | 109,8                    | 4 000                                                                     | 21 200*                                 | 82,0                           |
| 84,0                           | 23,5                    | 95,7                     | 7 000                                                                     | 14 500*                                 | 28,5                    | 101,9                    | 5 200                                                                     | 18 100*                                 | 32,7                    | 106,8                    | 3 500                                                                     | 20 100*                                 | 84,0                           |
| 86,0                           | 19,7                    | 90,5                     | 6 400                                                                     | 14 100*                                 | 25,4                    | 97,9                     | 4 700                                                                     | 17 400*                                 | 30,1                    | 103,5                    | 3 000                                                                     | 19 100*                                 | 86,0                           |
| 88,0                           | 15,0                    | 83,9                     | 5 800                                                                     | 13 600*                                 | 22,0                    | 93,2                     | 4 200                                                                     | 16 600*                                 | 27,2                    | 99,7                     | 2 600                                                                     | 18 100*                                 | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         | 17,8                    | 87,6                     | 3 700                                                                     | 15 700*                                 | 24,0                    | 95,4                     | 2 200                                                                     | 17 100*                                 | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         | 12,4                    | 79,9                     | 3 300                                                                     | 13 600*                                 | 20,3                    | 90,4                     | 1 700                                                                     | 16 300*                                 | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,7                    | 84,0                     | 1 300                                                                     | 15 300*                                 | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 9,0                     | 74,5                     | 900                                                                       | 13 200*                                 | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 104,0                          |
| 106,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 106,0                          |
| 108,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 108,0                          |
| 110,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 110,0                          |

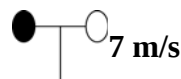
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

60,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 45,7                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 45,7                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 56,0                           |
| 58,0                           | 62,1                    | 134,7                           | 7 900                                                                     | 28 300*                                 |                         |                                 |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           | 60,6                    | 133,6                           | 7 100                                                                     | 28 300*                                 |                         |                                 |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 59,0                    | 132,4                           | 6 400                                                                     | 28 300*                                 |                         |                                 |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 57,4                    | 131,2                           | 5 700                                                                     | 28 300*                                 |                         |                                 |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 55,7                    | 129,8                           | 5 100                                                                     | 28 300*                                 |                         |                                 |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 54,1                    | 128,4                           | 4 400                                                                     | 28 200                                  |                         |                                 |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 52,3                    | 126,8                           | 3 900                                                                     | 27 400                                  | 56,6                    | 128,8                           | 24 400                                  |                         |                                 |                                         | 70,0                           |
| 72,0                           | 50,6                    | 125,2                           | 3 300                                                                     | 26 300                                  | 54,9                    | 127,4                           | 23 500                                  |                         |                                 |                                         | 72,0                           |
| 74,0                           | 48,8                    | 123,5                           | 2 800                                                                     | 25 300                                  | 53,2                    | 126,0                           | 22 500                                  |                         |                                 |                                         | 74,0                           |
| 76,0                           | 46,9                    | 121,7                           | 2 300                                                                     | 24 400                                  | 51,5                    | 124,4                           | 21 600                                  |                         |                                 |                                         | 76,0                           |
| 78,0                           | 45,0                    | 119,7                           | 1 900                                                                     | 23 500                                  | 49,7                    | 122,7                           | 20 800                                  |                         |                                 |                                         | 78,0                           |
| 80,0                           | 43,0                    | 117,6                           | 1 400                                                                     | 22 600                                  | 47,9                    | 120,9                           | 20 000                                  | 52,2                    | 123,0                           | 17 300*                                 | 80,0                           |
| 82,0                           | 41,0                    | 115,3                           | 1 000                                                                     | 21 700                                  | 46,0                    | 119,0                           | 19 200                                  | 50,4                    | 121,3                           | 16 500*                                 | 82,0                           |
| 84,0                           | 38,8                    | 112,9                           |                                                                           | 20 800                                  | 44,0                    | 117,0                           | 18 400                                  | 48,6                    | 119,6                           | 15 800*                                 | 84,0                           |
| 86,0                           | 36,6                    | 110,2                           |                                                                           | 20 000                                  | 42,0                    | 114,8                           | 17 600                                  | 46,8                    | 117,8                           | 15 000*                                 | 86,0                           |
| 88,0                           | 34,2                    | 107,3                           |                                                                           | 19 200                                  | 39,9                    | 112,5                           | 16 900                                  | 44,9                    | 115,8                           | 14 300*                                 | 88,0                           |
| 90,0                           | 31,6                    | 104,2                           |                                                                           | 18 400                                  | 37,7                    | 109,9                           | 16 200                                  | 42,9                    | 113,7                           | 13 600*                                 | 90,0                           |
| 92,0                           | 28,9                    | 100,7                           |                                                                           | 17 700                                  | 35,4                    | 107,2                           | 15 500*                                 | 40,8                    | 111,4                           | 12 900*                                 | 92,0                           |
| 94,0                           | 25,8                    | 96,7                            |                                                                           | 17 000                                  | 32,9                    | 104,2                           | 14 800*                                 | 38,6                    | 108,9                           | 12 300*                                 | 94,0                           |
| 96,0                           | 22,4                    | 92,2                            |                                                                           | 16 300                                  | 30,3                    | 100,8                           | 14 100*                                 | 36,4                    | 106,3                           | 11 700*                                 | 96,0                           |
| 98,0                           | 18,4                    | 86,6                            |                                                                           | 15 600                                  | 27,4                    | 97,1                            | 13 500*                                 | 34,0                    | 103,4                           | 11 100*                                 | 98,0                           |
| 100,0                          | 13,2                    | 79,3                            |                                                                           | 15 000                                  | 24,2                    | 92,9                            | 12 900*                                 | 31,4                    | 100,2                           | 10 600*                                 | 100,0                          |
| 102,0                          |                         |                                 |                                                                           |                                         | 20,5                    | 87,9                            | 12 200*                                 | 28,6                    | 96,7                            | 10 000*                                 | 102,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 16,1                    | 81,6                            | 11 700*                                 | 25,6                    | 92,7                            | 9 500*                                  | 104,0                          |
| 106,0                          |                         |                                 |                                                                           |                                         | 9,7                     | 72,5                            | 11 100*                                 | 22,1                    | 88,0                            | 9 000*                                  | 106,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 18,1                    | 82,4                            | 8 500*                                  | 108,0                          |
| 110,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 12,8                    | 74,9                            | 8 000*                                  | 110,0                          |

# Liftcrane Luffing Jib Capacities

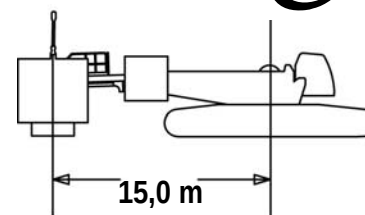
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

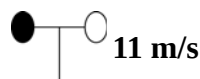
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 16,8                           | 68,1                    | 90,9                     | 115 000                                                                   | 130 100*c                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,8                           |
| 18,0                           | 64,8                    | 90,3                     | 105 500                                                                   | 123 500*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           | 59,3                    | 89,1                     | 92 300                                                                    | 112 100*b                               | 68,7                    | 90,6                     | 84 900                                                                    | 132 800*c                               |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           | 53,4                    | 87,7                     | 82 000                                                                    | 102 800*b                               | 63,3                    | 89,6                     | 75 300                                                                    | 127 400*b                               |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           | 47,0                    | 85,9                     | 73 600                                                                    | 95 600*                                 | 57,8                    | 88,4                     | 67 600                                                                    | 121 200*b                               |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           | 39,8                    | 83,7                     | 66 600                                                                    | 89 900*                                 | 51,8                    | 86,9                     | 61 100                                                                    | 111 500*                                | 61,8                    | 88,7                     | 55 600                                                                    | 112 300b                                | 26,0                           |
| 28,0                           | 31,2                    | 80,7                     | 60 500                                                                    | 85 600*                                 | 45,2                    | 85,0                     | 55 600                                                                    | 103 500*                                | 56,1                    | 87,4                     | 50 600                                                                    | 104 700b                                | 28,0                           |
| 30,0                           | 19,1                    | 76,0                     | 55 200                                                                    | 81 700*                                 | 37,7                    | 82,6                     | 50 900                                                                    | 97 400*                                 | 50,0                    | 85,8                     | 46 300                                                                    | 98 000                                  | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         | 28,5                    | 79,3                     | 46 700                                                                    | 91 000*                                 | 43,2                    | 83,8                     | 42 500                                                                    | 92 200                                  | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 35,3                    | 81,2                     | 39 200                                                                    | 87 000                                  | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 25,3                    | 77,5                     | 36 200                                                                    | 82 500                                  | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

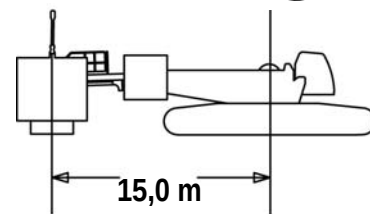
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

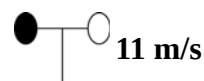
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 16,8                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,8                           |
| 18,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,0                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 60,8                    | 87,2                     | 35 300                                                                    | 85 700b                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 55,1                    | 85,8                     | 32 600                                                                    | 80 700b                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 48,8                    | 84,2                     | 30 100                                                                    | 76 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 41,9                    | 82,1                     | 27 900                                                                    | 72 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 33,7                    | 79,3                     | 25 800                                                                    | 68 600                                  | 53,6                    | 83,7                     | 20 400                                                                    | 63 700b                                 |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 23,0                    | 75,3                     | 23 900                                                                    | 64 500                                  | 47,2                    | 81,9                     | 18 900                                                                    | 60 200                                  |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         | 40,0                    | 79,6                     | 17 500                                                                    | 56 700                                  |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         | 31,4                    | 76,7                     | 16 200                                                                    | 53 600                                  | 51,5                    | 80,8                     | 11 700                                                                    | 49 700b                                 | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         | 19,5                    | 72,1                     | 14 900                                                                    | 50 700                                  | 44,9                    | 78,9                     | 10 800                                                                    | 47 100                                  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 37,3                    | 76,4                     | 9 900                                                                     | 44 700                                  | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                    | 73,1                     | 9 000                                                                     | 42 400                                  | 52,0                           |

# Liftcrane Luffing Jib Capacities

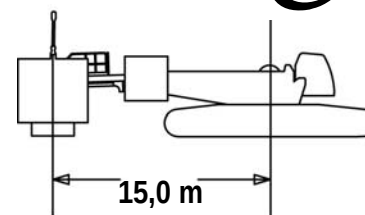
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

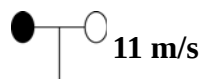
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 19,8                           | 66,4                    | 96,1                     | 93 400                                                                    | 108 800*b                               |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 19,8                           |
| 20,0                           | 66,0                    | 96,0                     | 92 400                                                                    | 108 100*b                               |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           | 61,7                    | 94,9                     | 81 900                                                                    | 100 300*b                               | 69,0                           | 96,3                    | 75 100                   | 117 200*b                                                                 |                                         |                                |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           | 57,2                    | 93,7                     | 73 500                                                                    | 92 400*                                 | 64,8                           | 95,3                    | 67 300                   | 112 900*b                                                                 |                                         |                                |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           | 52,4                    | 92,2                     | 66 500                                                                    | 85 900*                                 | 60,5                           | 94,2                    | 60 800                   | 108 700*b                                                                 |                                         |                                |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           | 47,3                    | 90,4                     | 60 600                                                                    | 79 300*                                 | 55,9                           | 92,9                    | 55 400                   | 101 300*                                                                  | 63,6                                    | 94,5                           | 50 200                  | 102 300b                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 41,7                    | 88,3                     | 55 500                                                                    | 73 500*                                 | 51,1                           | 91,4                    | 50 700                   | 94 000*                                                                   | 59,2                                    | 93,3                           | 45 800                  | 95 700                   |                                                                           |                                         | 30,0                           |
| 32,0                           | 35,3                    | 85,6                     | 51 100                                                                    | 68 400*                                 | 45,8                           | 89,5                    | 46 600                   | 87 100*                                                                   | 54,6                                    | 91,9                           | 42 100                  | 90 000                   |                                                                           |                                         | 32,0                           |
| 34,0                           | 27,7                    | 82,2                     | 47 100                                                                    | 64 300*                                 | 40,1                           | 87,2                    | 43 100                   | 80 800*                                                                   | 49,6                                    | 90,3                           | 38 900                  | 84 900                   |                                                                           |                                         | 34,0                           |
| 36,0                           | 16,9                    | 76,9                     | 43 500                                                                    | 61 900*                                 | 33,4                           | 84,4                    | 39 900                   | 75 300*                                                                   | 44,3                                    | 88,3                           | 36 000                  | 80 300                   |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         | 25,2                           | 80,6                    | 37 000                   | 70 800*                                                                   | 38,3                                    | 85,9                           | 33 500                  | 76 200                   |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 31,3                           | 82,9                    | 31 100                   | 72 500                                                                    |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 22,4                           | 78,7                    | 28 900                   | 68 800                                                                    |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         |                                |                         |                          |                                                                           |                                         | 58,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

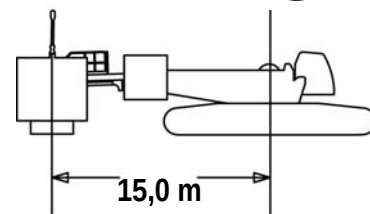
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

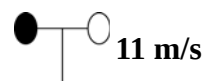
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 19,8                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,8                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 58,4                    | 91,8                     | 29 500                                                                    | 74 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 53,7                    | 90,3                     | 27 400                                                                    | 70 600                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 48,7                    | 88,7                     | 25 400                                                                    | 67 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 43,2                    | 86,6                     | 23 600                                                                    | 63 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 37,1                    | 84,1                     | 22 000                                                                    | 60 500                                  | 52,5                    | 88,1                     | 16 900                                                                    | 56 100                                  |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 29,9                    | 80,9                     | 20 500                                                                    | 57 200                                  | 47,4                    | 86,4                     | 15 700                                                                    | 53 100                                  |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 20,4                    | 76,3                     | 19 100                                                                    | 54 200                                  | 41,8                    | 84,2                     | 14 600                                                                    | 50 300                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         | 35,5                    | 81,6                     | 13 500                                                                    | 47 800                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         | 27,9                    | 78,1                     | 12 600                                                                    | 45 400                                  | 45,6                    | 83,4                     | 8 500                                                                     | 41 800                                  | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         | 17,2                    | 72,9                     | 11 500                                                                    | 43 100                                  | 39,8                    | 81,1                     | 7 700                                                                     | 39 900                                  | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 33,1                    | 78,2                     | 7 100                                                                     | 38 000                                  | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,8                    | 74,4                     | 6 400                                                                     | 36 200                                  | 58,0                           |

# Liftcrane Luffing Jib Capacities

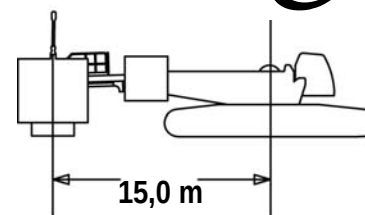
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

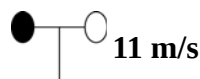
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

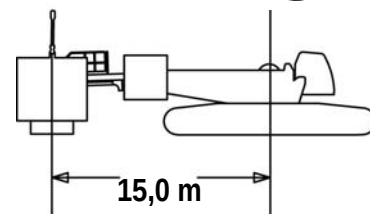
66,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 22,9                           | 65,2                    | 101,3                           | 77 700                                                                    | 89 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,9                           |
| 24,0                           | 63,2                    | 100,7                           | 73 100                                                                    | 86 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           | 59,5                    | 99,5                            | 66 100                                                                    | 80 300*                                 | 65,8                    | 101,0                           | 60 100                                                                    | 99 700*                                 |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 55,7                    | 98,2                            | 60 100                                                                    | 74 700*                                 | 62,2                    | 100,0                           | 54 700                                                                    | 94 300*                                 |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 51,7                    | 96,7                            | 55 100                                                                    | 69 300*                                 | 58,5                    | 98,8                            | 50 000                                                                    | 88 500*                                 | 64,8                    | 100,2                           | 45 100                                                                    | 93 300                                  | 30,0                           |
| 32,0                           | 47,4                    | 94,9                            | 50 700                                                                    | 64 300*                                 | 54,6                    | 97,4                            | 46 000                                                                    | 82 700*                                 | 61,2                    | 99,1                            | 41 400                                                                    | 87 600                                  | 32,0                           |
| 34,0                           | 42,8                    | 92,8                            | 46 800                                                                    | 59 900*                                 | 50,6                    | 95,8                            | 42 500                                                                    | 77 100*                                 | 57,4                    | 97,9                            | 38 100                                                                    | 82 600                                  | 34,0                           |
| 36,0                           | 37,8                    | 90,3                            | 43 400                                                                    | 55 900*                                 | 46,2                    | 94,0                            | 39 400                                                                    | 71 800*                                 | 53,5                    | 96,4                            | 35 300                                                                    | 78 100                                  | 36,0                           |
| 38,0                           | 32,1                    | 87,3                            | 40 400                                                                    | 52 500*                                 | 41,5                    | 91,8                            | 36 600                                                                    | 66 900*                                 | 49,4                    | 94,8                            | 32 800                                                                    | 74 100                                  | 38,0                           |
| 40,0                           | 25,1                    | 83,5                            | 37 600                                                                    | 49 800*                                 | 36,3                    | 89,2                            | 34 100                                                                    | 62 400*                                 | 44,9                    | 92,8                            | 30 500                                                                    | 70 400                                  | 40,0                           |
| 42,0                           | 15,3                    | 77,7                            | 35 000                                                                    | 48 300*                                 | 30,3                    | 86,0                            | 31 800                                                                    | 58 600*                                 | 40,1                    | 90,6                            | 28 400                                                                    | 67 100                                  | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         | 22,9                    | 81,8                            | 29 700                                                                    | 55 500*                                 | 34,7                    | 87,8                            | 26 600                                                                    | 64 100                                  | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,4                    | 84,4                            | 24 800                                                                    | 60 900                                  | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,3                    | 79,7                            | 23 200                                                                    | 57 600                                  | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |

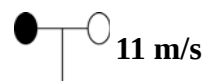
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 22,9                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,9                           |
| 24,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 56,8                    | 96,3                            | 24 500                                                                    | 65 100                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 52,8                    | 94,8                            | 22 800                                                                    | 61 900                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 48,6                    | 93,1                            | 21 200                                                                    | 59 000                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 44,1                    | 91,1                            | 19 800                                                                    | 56 400                                  | 55,8                    | 94,1                            | 14 700                                                                    | 51 900                                  |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 39,2                    | 88,8                            | 18 400                                                                    | 53 600                                  | 51,8                    | 92,6                            | 13 600                                                                    | 49 500                                  |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 33,7                    | 85,9                            | 17 200                                                                    | 50 800                                  | 47,5                    | 90,8                            | 12 700                                                                    | 46 900                                  |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 27,1                    | 82,3                            | 16 000                                                                    | 48 400                                  | 42,9                    | 88,8                            | 11 700                                                                    | 44 600                                  |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 18,5                    | 77,3                            | 15 000                                                                    | 46 000                                  | 37,9                    | 86,3                            | 10 900                                                                    | 42 500                                  | 50,4                    | 89,8                            | 6 700                                                                     | 38 900                                  | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 32,2                    | 83,3                            | 10 000                                                                    | 40 500                                  | 46,0                    | 87,9                            | 6 100                                                                     | 37 100                                  | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 25,3                    | 79,5                            | 9 300                                                                     | 38 600                                  | 41,3                    | 85,7                            | 5 500                                                                     | 35 400                                  | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 15,6                    | 73,7                            | 8 500                                                                     | 36 800                                  | 36,1                    | 83,1                            | 5 000                                                                     | 33 800                                  | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                    | 79,8                            | 4 400                                                                     | 32 300                                  | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,5                    | 75,6                            | 3 900                                                                     | 30 900                                  | 64,0                           |

# Liftcrane Luffing Jib Capacities

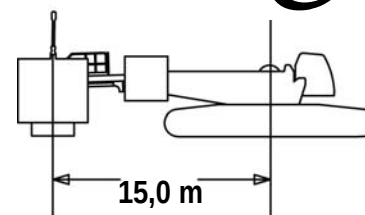
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

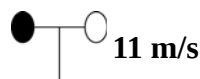
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 25,9                           | 64,4                    | 106,4                           | 66 000                                                                    | 75 100*                                 | 69,6                    | 107,6                           | 59 900                                                                    | 90 200*                                 |                         |                                 |                                                                           |                                         | 25,9                           |
| 26,0                           | 64,3                    | 106,4                           | 65 700                                                                    | 74 900*                                 | 69,5                    | 107,6                           | 59 700                                                                    | 90 000*                                 |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 61,2                    | 105,3                           | 59 800                                                                    | 70 200*                                 | 66,5                    | 106,7                           | 54 200                                                                    | 86 500*                                 |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 58,0                    | 104,1                           | 54 700                                                                    | 65 600*                                 | 63,5                    | 105,8                           | 49 500                                                                    | 82 400*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 54,7                    | 102,7                           | 50 300                                                                    | 61 300*                                 | 60,3                    | 104,6                           | 45 500                                                                    | 77 900*                                 | 65,6                    | 105,9                           | 40 700                                                                    | 85 500                                  | 32,0                           |
| 34,0                           | 51,2                    | 101,2                           | 46 500                                                                    | 57 200*                                 | 57,1                    | 103,4                           | 42 000                                                                    | 73 400*                                 | 62,6                    | 104,9                           | 37 500                                                                    | 80 700                                  | 34,0                           |
| 36,0                           | 47,5                    | 99,4                            | 43 100                                                                    | 53 400*                                 | 53,7                    | 101,9                           | 38 900                                                                    | 68 800*                                 | 59,4                    | 103,7                           | 34 700                                                                    | 76 300                                  | 36,0                           |
| 38,0                           | 43,7                    | 97,3                            | 40 100                                                                    | 49 900*                                 | 50,2                    | 100,3                           | 36 100                                                                    | 64 400*                                 | 56,2                    | 102,4                           | 32 200                                                                    | 72 300                                  | 38,0                           |
| 40,0                           | 39,5                    | 95,0                            | 37 300                                                                    | 46 800*                                 | 46,5                    | 98,5                            | 33 700                                                                    | 60 300*                                 | 52,8                    | 100,9                           | 29 900                                                                    | 68 700                                  | 40,0                           |
| 42,0                           | 34,8                    | 92,2                            | 34 900                                                                    | 44 000*                                 | 42,6                    | 96,3                            | 31 400                                                                    | 56 400*                                 | 49,2                    | 99,2                            | 27 900                                                                    | 65 400                                  | 42,0                           |
| 44,0                           | 29,5                    | 88,9                            | 32 700                                                                    | 41 700*                                 | 38,3                    | 93,9                            | 29 400                                                                    | 52 800*                                 | 45,4                    | 97,3                            | 26 100                                                                    | 62 400                                  | 44,0                           |
| 46,0                           | 23,1                    | 84,7                            | 30 600                                                                    | 39 800*                                 | 33,5                    | 91,0                            | 27 500                                                                    | 49 700*                                 | 41,4                    | 95,1                            | 24 400                                                                    | 59 600                                  | 46,0                           |
| 48,0                           | 14,1                    | 78,4                            | 28 600                                                                    | 38 900*                                 | 27,9                    | 87,5                            | 25 800                                                                    | 46 900*                                 | 37,0                    | 92,6                            | 22 800                                                                    | 57 100                                  | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 21,1                    | 82,9                            | 24 200                                                                    | 44 700*                                 | 32,0                    | 89,6                            | 21 400                                                                    | 54 400                                  | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,2                    | 85,8                            | 20 100                                                                    | 51 700                                  | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,7                    | 80,7                            | 18 800                                                                    | 49 200                                  | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

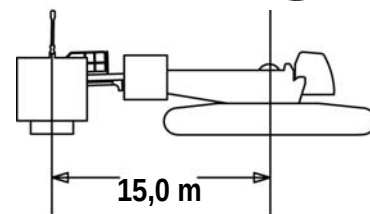
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

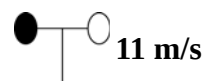
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 25,9                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 25,9                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 62,0                    | 103,4                    | 23 800                                                                    | 63 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 58,9                    | 102,2                    | 22 100                                                                    | 60 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 55,6                    | 100,8                    | 20 500                                                                    | 57 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 52,2                    | 99,3                     | 19 100                                                                    | 54 900                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 48,6                    | 97,6                     | 17 800                                                                    | 52 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 44,7                    | 95,6                     | 16 600                                                                    | 50 200                                  | 54,7                    | 98,7                     | 11 900                                                                    | 46 100                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 40,6                    | 93,4                     | 15 500                                                                    | 47 800                                  | 51,3                    | 97,1                     | 11 000                                                                    | 43 900                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 36,1                    | 90,8                     | 14 500                                                                    | 45 500                                  | 47,6                    | 95,3                     | 10 200                                                                    | 41 800                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 31,0                    | 87,6                     | 13 500                                                                    | 43 400                                  | 43,7                    | 93,3                     | 9 400                                                                     | 39 900                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 25,0                    | 83,7                     | 12 600                                                                    | 41 400                                  | 39,5                    | 90,9                     | 8 700                                                                     | 38 100                                  | 50,1                    | 94,2                     | 4 700                                                                     | 34 700                                  | 58,0                           |
| 60,0                           | 17,0                    | 78,2                     | 11 700                                                                    | 39 600                                  | 34,9                    | 88,2                     | 8 000                                                                     | 36 400                                  | 46,3                    | 92,4                     | 4 200                                                                     | 33 100                                  | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         | 29,7                    | 84,9                     | 7 300                                                                     | 34 800                                  | 42,4                    | 90,2                     | 3 700                                                                     | 31 700                                  | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         | 23,3                    | 80,7                     | 6 700                                                                     | 33 200                                  | 38,0                    | 87,8                     | 3 300                                                                     | 30 300                                  | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         | 14,3                    | 74,4                     | 6 000                                                                     | 31 800                                  | 33,2                    | 84,9                     | 2 800                                                                     | 29 100                                  | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 27,7                    | 81,3                     | 2 300                                                                     | 27 800                                  | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,7                    | 76,6                     | 1 900                                                                     | 26 600                                  | 70,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

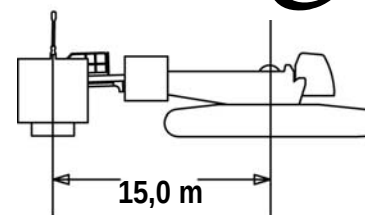
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

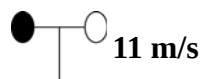
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

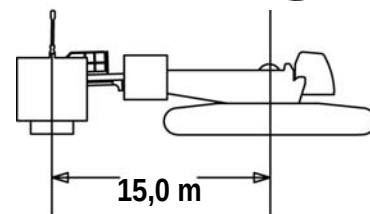
66,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 29,0                           | 63,8                    | 111,6                           | 56 600                                                                    | 63 500*                                 | 68,4                    | 112,8                           | 51 100                                                                    | 76 800*                                 |                         |                                 |                                                                           |                                         | 29,0                           |
| 30,0                           | 62,4                    | 111,1                           | 54 100                                                                    | 61 500*                                 | 67,0                    | 112,4                           | 48 800                                                                    | 75 300*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 59,7                    | 109,9                           | 49 700                                                                    | 57 900*                                 | 64,4                    | 111,5                           | 44 800                                                                    | 72 100*                                 |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 56,8                    | 108,7                           | 45 900                                                                    | 54 300*                                 | 61,7                    | 110,4                           | 41 300                                                                    | 68 700*                                 | 66,3                    | 111,6                           | 36 700                                                                    | 75 200*                                 | 34,0                           |
| 36,0                           | 53,9                    | 107,2                           | 42 500                                                                    | 51 000*                                 | 58,9                    | 109,2                           | 38 200                                                                    | 65 100*                                 | 63,6                    | 110,6                           | 33 800                                                                    | 73 900                                  | 36,0                           |
| 38,0                           | 50,8                    | 105,6                           | 39 500                                                                    | 47 800*                                 | 56,0                    | 107,9                           | 35 400                                                                    | 61 500*                                 | 60,9                    | 109,5                           | 31 300                                                                    | 70 400                                  | 38,0                           |
| 40,0                           | 47,6                    | 103,8                           | 36 800                                                                    | 44 800*                                 | 53,1                    | 106,4                           | 32 900                                                                    | 57 900*                                 | 58,1                    | 108,3                           | 29 100                                                                    | 66 800                                  | 40,0                           |
| 42,0                           | 44,3                    | 101,8                           | 34 400                                                                    | 42 100*                                 | 50,0                    | 104,8                           | 30 700                                                                    | 54 500*                                 | 55,2                    | 106,9                           | 27 100                                                                    | 63 600                                  | 42,0                           |
| 44,0                           | 40,7                    | 99,6                            | 32 200                                                                    | 39 600*                                 | 46,7                    | 102,9                           | 28 700                                                                    | 51 200*                                 | 52,2                    | 105,4                           | 25 200                                                                    | 60 600                                  | 44,0                           |
| 46,0                           | 36,8                    | 97,0                            | 30 200                                                                    | 37 400*                                 | 43,3                    | 100,9                           | 26 900                                                                    | 48 100*                                 | 49,1                    | 103,7                           | 23 600                                                                    | 57 900                                  | 46,0                           |
| 48,0                           | 32,4                    | 94,0                            | 28 300                                                                    | 35 400*                                 | 39,6                    | 98,5                            | 25 200                                                                    | 45 300*                                 | 45,8                    | 101,8                           | 22 100                                                                    | 55 400                                  | 48,0                           |
| 50,0                           | 27,5                    | 90,4                            | 26 600                                                                    | 33 800*                                 | 35,6                    | 95,8                            | 23 700                                                                    | 42 600*                                 | 42,3                    | 99,7                            | 20 700                                                                    | 53 100                                  | 50,0                           |
| 52,0                           | 21,6                    | 85,8                            | 25 000                                                                    | 32 500*                                 | 31,2                    | 92,7                            | 22 200                                                                    | 40 300*                                 | 38,5                    | 97,2                            | 19 400                                                                    | 51 000                                  | 52,0                           |
| 54,0                           | 13,1                    | 79,0                            | 23 500                                                                    | 31 900*                                 | 26,0                    | 88,9                            | 20 900                                                                    | 38 300*                                 | 34,4                    | 94,4                            | 18 200                                                                    | 48 500*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 19,6                    | 83,9                            | 19 600                                                                    | 36 700*                                 | 29,8                    | 91,2                            | 17 000                                                                    | 45 700*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,4                    | 87,1                            | 16 000                                                                    | 43 300*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,4                    | 81,6                            | 14 900                                                                    | 41 200*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |

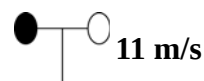
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 29,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,0                           |
| 30,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 60,4                    | 108,0                           | 19 600                                                                    | 55 700                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 57,6                    | 106,7                           | 18 100                                                                    | 53 200                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 54,7                    | 105,3                           | 16 900                                                                    | 50 800                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 51,7                    | 103,8                           | 15 700                                                                    | 48 700                                  |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 48,5                    | 102,1                           | 14 600                                                                    | 46 600                                  | 56,9                    | 104,6                           | 9 900                                                                     | 42 600                                  |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 45,2                    | 100,1                           | 13 600                                                                    | 44 700                                  | 53,9                    | 103,2                           | 9 200                                                                     | 40 800                                  |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 41,6                    | 97,9                            | 12 700                                                                    | 42 700                                  | 50,9                    | 101,6                           | 8 400                                                                     | 39 000                                  |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 37,8                    | 95,4                            | 11 800                                                                    | 40 700                                  | 47,7                    | 99,8                            | 7 700                                                                     | 37 200                                  |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 33,6                    | 92,6                            | 11 000                                                                    | 38 900                                  | 44,3                    | 97,8                            | 7 100                                                                     | 35 500                                  |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 28,9                    | 89,2                            | 10 300                                                                    | 37 200                                  | 40,7                    | 95,5                            | 6 400                                                                     | 34 000                                  | 49,8                    | 98,7                            | 2 700                                                                     | 30 800                                  | 62,0                           |
| 64,0                           | 23,3                    | 84,9                            | 9 500                                                                     | 35 600                                  | 36,8                    | 93,0                            | 5 800                                                                     | 32 500                                  | 46,6                    | 96,8                            | 2 200                                                                     | 29 400                                  | 64,0                           |
| 66,0                           | 15,8                    | 79,0                            | 8 800                                                                     | 34 100                                  | 32,5                    | 90,0                            | 5 300                                                                     | 31 100                                  | 43,1                    | 94,8                            | 1 800                                                                     | 28 200                                  | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 27,6                    | 86,4                            | 4 800                                                                     | 29 800                                  | 39,5                    | 92,4                            | 1 400                                                                     | 27 000                                  | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 21,7                    | 81,8                            | 4 200                                                                     | 28 600                                  | 35,4                    | 89,7                            | 1 000                                                                     | 25 800                                  | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 31,0                    | 86,5                            |                                                                           | 24 800                                  | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,8                    | 82,7                            |                                                                           | 23 700                                  | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,3                    | 77,6                            |                                                                           | 22 800                                  | 76,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

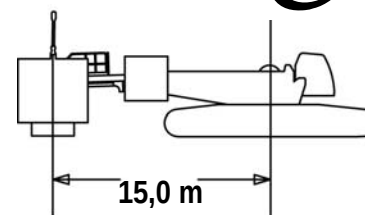
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

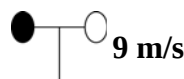
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 33,5                           | 61,5                    | 116,0                           | 46 200                                                                    | 52 000*                                 | 65,6                    | 117,4                           | 41 500                                                                    | 64 000*                                 |                         |                                 |                                                                           |                                         | 33,5                           |
| 34,0                           | 60,9                    | 115,7                           | 45 400                                                                    | 51 300*                                 | 65,1                    | 117,2                           | 40 700                                                                    | 63 300*                                 |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 58,4                    | 114,5                           | 42 000                                                                    | 48 400*                                 | 62,7                    | 116,2                           | 37 500                                                                    | 60 700*                                 | 66,8                    | 117,3                           | 33 200                                                                    | 64 000*                                 | 36,0                           |
| 38,0                           | 55,9                    | 113,2                           | 39 000                                                                    | 45 700*                                 | 60,3                    | 115,0                           | 34 800                                                                    | 57 900*                                 | 64,4                    | 116,3                           | 30 600                                                                    | 64 000*                                 | 38,0                           |
| 40,0                           | 53,3                    | 111,7                           | 36 200                                                                    | 43 000*                                 | 57,8                    | 113,8                           | 32 400                                                                    | 55 100*                                 | 62,0                    | 115,3                           | 28 400                                                                    | 63 800                                  | 40,0                           |
| 42,0                           | 50,5                    | 110,1                           | 33 800                                                                    | 40 500*                                 | 55,2                    | 112,4                           | 30 100                                                                    | 52 200*                                 | 59,6                    | 114,1                           | 26 400                                                                    | 62 300                                  | 42,0                           |
| 44,0                           | 47,7                    | 108,3                           | 31 700                                                                    | 38 200*                                 | 52,5                    | 110,9                           | 28 100                                                                    | 49 400*                                 | 57,0                    | 112,8                           | 24 600                                                                    | 59 100                                  | 44,0                           |
| 46,0                           | 44,7                    | 106,3                           | 29 700                                                                    | 36 000*                                 | 49,8                    | 109,2                           | 26 300                                                                    | 46 700*                                 | 54,5                    | 111,4                           | 23 000                                                                    | 56 400                                  | 46,0                           |
| 48,0                           | 41,6                    | 104,1                           | 27 800                                                                    | 34 100*                                 | 46,9                    | 107,4                           | 24 600                                                                    | 44 000*                                 | 51,8                    | 109,9                           | 21 400                                                                    | 54 000                                  | 48,0                           |
| 50,0                           | 38,2                    | 101,7                           | 26 200                                                                    | 32 300*                                 | 43,9                    | 105,4                           | 23 100                                                                    | 41 600*                                 | 49,0                    | 108,2                           | 20 100                                                                    | 51 700                                  | 50,0                           |
| 52,0                           | 34,5                    | 98,9                            | 24 600                                                                    | 30 600*                                 | 40,7                    | 103,1                           | 21 700                                                                    | 39 300*                                 | 46,1                    | 106,3                           | 18 800                                                                    | 49 600                                  | 52,0                           |
| 54,0                           | 30,5                    | 95,6                            | 23 200                                                                    | 29 200*                                 | 37,2                    | 100,6                           | 20 400                                                                    | 37 100*                                 | 43,0                    | 104,2                           | 17 600                                                                    | 47 400                                  | 54,0                           |
| 56,0                           | 25,9                    | 91,8                            | 21 800                                                                    | 28 000*                                 | 33,5                    | 97,7                            | 19 200                                                                    | 35 100*                                 | 39,7                    | 101,9                           | 16 500                                                                    | 44 900*                                 | 56,0                           |
| 58,0                           | 20,3                    | 86,9                            | 20 500                                                                    | 27 000*                                 | 29,3                    | 94,3                            | 18 000                                                                    | 33 400*                                 | 36,2                    | 99,2                            | 15 500                                                                    | 42 500*                                 | 58,0                           |
| 60,0                           | 12,3                    | 79,6                            | 19 300                                                                    | 26 600*                                 | 24,5                    | 90,2                            | 16 900                                                                    | 31 900*                                 | 32,4                    | 96,2                            | 14 500                                                                    | 40 200*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 18,5                    | 84,9                            | 15 900                                                                    | 30 800*                                 | 28,0                    | 92,6                            | 13 600                                                                    | 38 200*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 8,9                     | 76,1                            | 14 900                                                                    | 30 200*                                 | 22,9                    | 88,3                            | 12 700                                                                    | 36 400*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,4                    | 82,4                            | 11 900                                                                    | 34 700*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 82,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

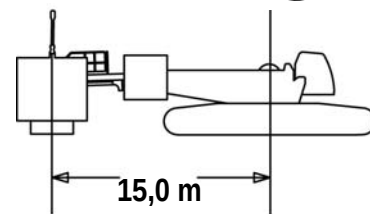
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

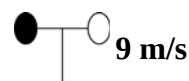
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 33,5                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 33,5                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 61,6                    | 113,8                    | 17 400                                                                    | 51 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 59,1                    | 112,6                    | 16 100                                                                    | 49 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 56,6                    | 111,3                    | 15 000                                                                    | 47 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 54,0                    | 109,8                    | 13 900                                                                    | 45 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 51,3                    | 108,3                    | 12 900                                                                    | 43 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 48,5                    | 106,5                    | 12 000                                                                    | 41 700                                  | 56,0                    | 109,1                    | 7 600                                                                     | 37 900                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 45,5                    | 104,6                    | 11 200                                                                    | 40 100                                  | 53,3                    | 107,7                    | 7 000                                                                     | 36 400                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 42,4                    | 102,5                    | 10 400                                                                    | 38 300                                  | 50,6                    | 106,0                    | 6 300                                                                     | 34 800                                  |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           | 39,1                    | 100,1                    | 9 600                                                                     | 36 600                                  | 47,8                    | 104,3                    | 5 700                                                                     | 33 300                                  |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           | 35,5                    | 97,4                     | 8 900                                                                     | 35 100                                  | 44,8                    | 102,3                    | 5 100                                                                     | 31 800                                  | 52,4                    | 104,8                    | 1 400                                                                     | 28 700                                  | 64,0                           |
| 66,0                           | 31,6                    | 94,3                     | 8 200                                                                     | 33 600                                  | 41,6                    | 100,1                    | 4 600                                                                     | 30 500                                  | 49,7                    | 103,2                    | 1 000                                                                     | 27 400                                  | 66,0                           |
| 68,0                           | 27,2                    | 90,6                     | 7 600                                                                     | 32 200                                  | 38,3                    | 97,6                     | 4 100                                                                     | 29 200                                  | 46,8                    | 101,3                    |                                                                           | 26 300                                  | 68,0                           |
| 70,0                           | 21,9                    | 86,1                     | 7 000                                                                     | 30 900                                  | 34,6                    | 94,8                     | 3 600                                                                     | 28 000                                  | 43,7                    | 99,3                     |                                                                           | 25 100                                  | 70,0                           |
| 72,0                           | 14,9                    | 79,7                     | 6 400                                                                     | 29 600                                  | 30,6                    | 91,6                     | 3 100                                                                     | 26 900                                  | 40,5                    | 97,0                     |                                                                           | 24 100                                  | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         | 26,0                    | 87,8                     | 2 700                                                                     | 25 800                                  | 37,1                    | 94,4                     |                                                                           | 23 100                                  | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         | 20,4                    | 82,9                     | 2 300                                                                     | 24 700                                  | 33,3                    | 91,5                     |                                                                           | 22 200                                  | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 29,1                    | 88,1                     |                                                                           | 21 300                                  | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,2                    | 84,0                     |                                                                           | 20 400                                  | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,1                    | 78,6                     |                                                                           | 19 600                                  | 82,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

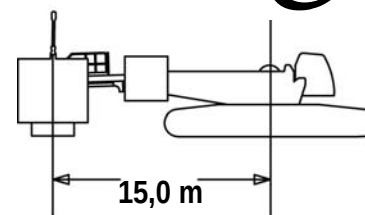
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

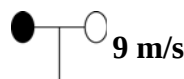
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

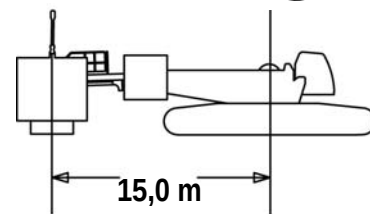
66,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 38,1                           | 59,6                    | 120,3                           | 38 100                                                                    | 43 200*                                 | 63,4                    | 121,8                           | 33 900                                                                    | 53 600*                                 | 67,0                    | 122,9                           | 29 700                                                                    | 54 400*                                 | 38,1                           |
| 40,0                           | 57,5                    | 119,1                           | 35 600                                                                    | 41 000*                                 | 61,3                    | 120,8                           | 31 600                                                                    | 51 500*                                 | 65,0                    | 122,0                           | 27 500                                                                    | 54 400*                                 | 40,0                           |
| 42,0                           | 55,2                    | 117,7                           | 33 200                                                                    | 38 900*                                 | 59,1                    | 119,6                           | 29 400                                                                    | 49 300*                                 | 62,9                    | 121,0                           | 25 500                                                                    | 54 400*                                 | 42,0                           |
| 44,0                           | 52,8                    | 116,2                           | 31 000                                                                    | 36 800*                                 | 56,8                    | 118,3                           | 27 400                                                                    | 47 000*                                 | 60,7                    | 119,9                           | 23 700                                                                    | 54 400*                                 | 44,0                           |
| 46,0                           | 50,3                    | 114,6                           | 29 000                                                                    | 34 800*                                 | 54,5                    | 116,9                           | 25 600                                                                    | 44 800*                                 | 58,5                    | 118,7                           | 22 100                                                                    | 54 200                                  | 46,0                           |
| 48,0                           | 47,7                    | 112,8                           | 27 200                                                                    | 32 900*                                 | 52,1                    | 115,4                           | 23 900                                                                    | 42 500*                                 | 56,2                    | 117,4                           | 20 600                                                                    | 52 500                                  | 48,0                           |
| 50,0                           | 45,1                    | 110,8                           | 25 500                                                                    | 31 200*                                 | 49,6                    | 113,7                           | 22 400                                                                    | 40 400*                                 | 53,8                    | 115,9                           | 19 200                                                                    | 50 200                                  | 50,0                           |
| 52,0                           | 42,3                    | 108,7                           | 24 000                                                                    | 29 600*                                 | 47,0                    | 111,9                           | 21 000                                                                    | 38 300*                                 | 51,4                    | 114,4                           | 18 000                                                                    | 48 100                                  | 52,0                           |
| 54,0                           | 39,3                    | 106,3                           | 22 600                                                                    | 28 100*                                 | 44,3                    | 109,9                           | 19 700                                                                    | 36 300*                                 | 48,9                    | 112,7                           | 16 800                                                                    | 46 000                                  | 54,0                           |
| 56,0                           | 36,1                    | 103,6                           | 21 200                                                                    | 26 800*                                 | 41,5                    | 107,7                           | 18 500                                                                    | 34 400*                                 | 46,3                    | 110,8                           | 15 700                                                                    | 43 800*                                 | 56,0                           |
| 58,0                           | 32,7                    | 100,6                           | 20 000                                                                    | 25 600*                                 | 38,5                    | 105,2                           | 17 400                                                                    | 32 600*                                 | 43,5                    | 108,7                           | 14 700                                                                    | 41 700*                                 | 58,0                           |
| 60,0                           | 28,9                    | 97,2                            | 18 900                                                                    | 24 500*                                 | 35,2                    | 102,5                           | 16 300                                                                    | 31 000*                                 | 40,6                    | 106,4                           | 13 800                                                                    | 39 600*                                 | 60,0                           |
| 62,0                           | 24,5                    | 93,1                            | 17 800                                                                    | 23 600*                                 | 31,7                    | 99,4                            | 15 300                                                                    | 29 500*                                 | 37,6                    | 103,9                           | 12 900                                                                    | 37 600*                                 | 62,0                           |
| 64,0                           | 19,2                    | 87,9                            | 16 700                                                                    | 22 900*                                 | 27,7                    | 95,8                            | 14 400                                                                    | 28 200*                                 | 34,3                    | 101,1                           | 12 000                                                                    | 35 700*                                 | 64,0                           |
| 66,0                           | 11,6                    | 80,2                            | 15 700                                                                    | 22 600*                                 | 23,2                    | 91,4                            | 13 500                                                                    | 27 100*                                 | 30,6                    | 97,8                            | 11 200                                                                    | 34 000*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 17,5                    | 85,8                            | 12 600                                                                    | 26 200*                                 | 26,5                    | 94,1                            | 10 500                                                                    | 32 400*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 8,4                     | 76,5                            | 11 800                                                                    | 25 800*                                 | 21,7                    | 89,4                            | 9 700                                                                     | 31 000*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,5                    | 83,2                            | 9 000                                                                     | 29 700*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 88,0                           |

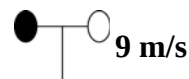
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 60,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 38,1                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,1                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 60,3                 | 118,4                  | 14 000                                                     | 45 700                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 58,1                 | 117,1                  | 13 000                                                     | 43 700                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 55,8                 | 115,8                  | 12 000                                                     | 41 900                         |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 53,4                 | 114,3                  | 11 100                                                     | 40 200                         |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 51,0                 | 112,7                  | 10 300                                                     | 38 600                         | 57,5                 | 115,0                  | 5 900                                                      | 34 900                         |                      |                        |                                | 58,0                  |
| 60,0                  | 48,4                 | 111,0                  | 9 500                                                      | 37 100                         | 55,2                 | 113,6                  | 5 300                                                      | 33 500                         |                      |                        |                                | 60,0                  |
| 62,0                  | 45,8                 | 109,1                  | 8 700                                                      | 35 700                         | 52,8                 | 112,1                  | 4 700                                                      | 32 200                         |                      |                        |                                | 62,0                  |
| 64,0                  | 43,0                 | 107,0                  | 8 100                                                      | 34 300                         | 50,4                 | 110,5                  | 4 200                                                      | 30 900                         |                      |                        |                                | 64,0                  |
| 66,0                  | 40,1                 | 104,7                  | 7 400                                                      | 32 800                         | 47,8                 | 108,7                  | 3 600                                                      | 29 600                         |                      |                        |                                | 66,0                  |
| 68,0                  | 37,0                 | 102,1                  | 6 800                                                      | 31 500                         | 45,1                 | 106,8                  | 3 200                                                      | 28 400                         |                      |                        |                                | 68,0                  |
| 70,0                  | 33,6                 | 99,2                   | 6 200                                                      | 30 200                         | 42,3                 | 104,6                  | 2 700                                                      | 27 200                         | 49,5                 | 107,6                  | 24 200                         | 70,0                  |
| 72,0                  | 29,9                 | 95,9                   | 5 700                                                      | 29 000                         | 39,4                 | 102,3                  | 2 200                                                      | 26 100                         | 46,9                 | 105,8                  | 23 200                         | 72,0                  |
| 74,0                  | 25,7                 | 92,0                   | 5 100                                                      | 27 800                         | 36,2                 | 99,6                   | 1 800                                                      | 25 000                         | 44,2                 | 103,8                  | 22 200                         | 74,0                  |
| 76,0                  | 20,7                 | 87,1                   | 4 600                                                      | 26 700                         | 32,7                 | 96,6                   | 1 400                                                      | 24 000                         | 41,3                 | 101,6                  | 21 300                         | 76,0                  |
| 78,0                  | 14,1                 | 80,4                   | 4 100                                                      | 25 600                         | 28,9                 | 93,2                   | 1 000                                                      | 23 000                         | 38,3                 | 99,1                   | 20 400                         | 78,0                  |
| 80,0                  |                      |                        |                                                            |                                | 24,6                 | 89,1                   |                                                            | 22 100                         | 35,1                 | 96,3                   | 19 600                         | 80,0                  |
| 82,0                  |                      |                        |                                                            |                                | 19,3                 | 83,9                   |                                                            | 21 200                         | 31,5                 | 93,2                   | 18 800                         | 82,0                  |
| 84,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 27,5                 | 89,6                   | 18 000                         | 84,0                  |
| 86,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 22,9                 | 85,2                   | 17 300                         | 86,0                  |
| 88,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 17,2                 | 79,5                   | 16 600                         | 88,0                  |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

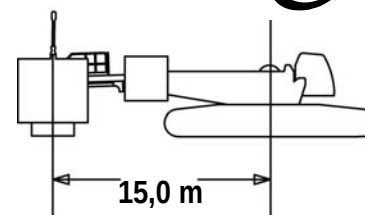
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

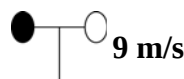
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 41,1                           | 59,6                    | 125,4                           | 33 400                                                                    | 37 600*                                 | 63,0                    | 127,0                           | 29 500                                                                    | 46 400*                                 | 66,4                    | 128,1                           | 25 500                                                                    | 46 400*                                 | 41,1                           |
| 42,0                           | 58,7                    | 124,9                           | 32 500                                                                    | 36 800*                                 | 62,2                    | 126,6                           | 28 600                                                                    | 45 700*                                 | 65,5                    | 127,7                           | 24 700                                                                    | 46 400*                                 | 42,0                           |
| 44,0                           | 56,7                    | 123,6                           | 30 300                                                                    | 35 000*                                 | 60,2                    | 125,4                           | 26 500                                                                    | 44 000*                                 | 63,6                    | 126,7                           | 22 800                                                                    | 46 400*                                 | 44,0                           |
| 46,0                           | 54,5                    | 122,2                           | 28 300                                                                    | 33 300*                                 | 58,2                    | 124,2                           | 24 700                                                                    | 42 200*                                 | 61,6                    | 125,7                           | 21 200                                                                    | 46 400*                                 | 46,0                           |
| 48,0                           | 52,4                    | 120,7                           | 26 500                                                                    | 31 600*                                 | 56,1                    | 122,9                           | 23 100                                                                    | 40 400*                                 | 59,6                    | 124,5                           | 19 700                                                                    | 46 400*                                 | 48,0                           |
| 50,0                           | 50,1                    | 119,0                           | 24 800                                                                    | 30 100*                                 | 54,0                    | 121,4                           | 21 600                                                                    | 38 600*                                 | 57,6                    | 123,3                           | 18 400                                                                    | 46 400*                                 | 50,0                           |
| 52,0                           | 47,8                    | 117,3                           | 23 300                                                                    | 28 600*                                 | 51,8                    | 119,9                           | 20 200                                                                    | 36 800*                                 | 55,5                    | 121,9                           | 17 100                                                                    | 45 500*                                 | 52,0                           |
| 54,0                           | 45,4                    | 115,3                           | 21 900                                                                    | 27 200*                                 | 49,5                    | 118,2                           | 18 900                                                                    | 35 100*                                 | 53,3                    | 120,4                           | 15 900                                                                    | 43 700*                                 | 54,0                           |
| 56,0                           | 42,8                    | 113,2                           | 20 500                                                                    | 25 900*                                 | 47,1                    | 116,4                           | 17 700                                                                    | 33 400*                                 | 51,1                    | 118,8                           | 14 800                                                                    | 42 000*                                 | 56,0                           |
| 58,0                           | 40,2                    | 110,9                           | 19 300                                                                    | 24 700*                                 | 44,7                    | 114,4                           | 16 600                                                                    | 31 800*                                 | 48,8                    | 117,1                           | 13 800                                                                    | 40 200*                                 | 58,0                           |
| 60,0                           | 37,4                    | 108,3                           | 18 200                                                                    | 23 500*                                 | 42,1                    | 112,2                           | 15 500                                                                    | 30 300*                                 | 46,5                    | 115,3                           | 12 900                                                                    | 38 500*                                 | 60,0                           |
| 62,0                           | 34,4                    | 105,5                           | 17 100                                                                    | 22 500*                                 | 39,4                    | 109,8                           | 14 600                                                                    | 28 800*                                 | 44,0                    | 113,2                           | 12 000                                                                    | 36 700*                                 | 62,0                           |
| 64,0                           | 31,1                    | 102,3                           | 16 100                                                                    | 21 600*                                 | 36,6                    | 107,2                           | 13 700                                                                    | 27 500*                                 | 41,4                    | 111,0                           | 11 200                                                                    | 35 100*                                 | 64,0                           |
| 66,0                           | 27,5                    | 98,6                            | 15 100                                                                    | 20 800*                                 | 33,5                    | 104,3                           | 12 800                                                                    | 26 300*                                 | 38,6                    | 108,6                           | 10 400                                                                    | 33 500*                                 | 66,0                           |
| 68,0                           | 23,3                    | 94,3                            | 14 200                                                                    | 20 200*                                 | 30,1                    | 101,0                           | 12 000                                                                    | 25 200*                                 | 35,7                    | 105,9                           | 9 700                                                                     | 31 900*                                 | 68,0                           |
| 70,0                           | 18,2                    | 88,8                            | 13 400                                                                    | 19 700*                                 | 26,4                    | 97,2                            | 11 200                                                                    | 24 100*                                 | 32,6                    | 102,8                           | 9 000                                                                     | 30 500*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         | 22,0                    | 92,6                            | 10 500                                                                    | 23 300*                                 | 29,1                    | 99,4                            | 8 400                                                                     | 29 100*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 16,6                    | 86,6                            | 9 700                                                                     | 22 600*                                 | 25,2                    | 95,4                            | 7 700                                                                     | 27 900*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 8,0                     | 76,9                            | 9 000                                                                     | 21 400*                                 | 20,7                    | 90,5                            | 7 100                                                                     | 26 800*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,7                    | 84,0                            | 6 500                                                                     | 25 600*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 96,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

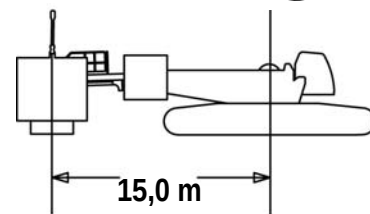
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

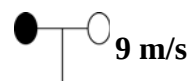
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 66,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 41,1                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 41,1                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 61,3                 | 124,1                  | 12 000                                                     | 42 300                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 59,3                 | 123,0                  | 11 100                                                     | 40 500                         |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 57,2                 | 121,7                  | 10 200                                                     | 38 800                         |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 55,1                 | 120,3                  | 9 300                                                      | 37 200                         |                      |                        |                                                            |                                |                      |                        |                                | 58,0                  |
| 60,0                  | 53,0                 | 118,8                  | 8 600                                                      | 35 700                         |                      |                        |                                                            |                                |                      |                        |                                | 60,0                  |
| 62,0                  | 50,7                 | 117,2                  | 7 800                                                      | 34 400                         | 56,7                 | 119,6                  | 3 700                                                      | 30 800                         |                      |                        |                                | 62,0                  |
| 64,0                  | 48,4                 | 115,5                  | 7 200                                                      | 33 100                         | 54,6                 | 118,2                  | 3 200                                                      | 29 600                         |                      |                        |                                | 64,0                  |
| 66,0                  | 46,0                 | 113,6                  | 6 500                                                      | 31 800                         | 52,4                 | 116,6                  | 2 600                                                      | 28 400                         |                      |                        |                                | 66,0                  |
| 68,0                  | 43,5                 | 111,5                  | 5 900                                                      | 30 600                         | 50,2                 | 115,0                  | 2 200                                                      | 27 400                         |                      |                        |                                | 68,0                  |
| 70,0                  | 40,9                 | 109,3                  | 5 400                                                      | 29 400                         | 47,8                 | 113,2                  | 1 700                                                      | 26 300                         |                      |                        |                                | 70,0                  |
| 72,0                  | 38,1                 | 106,8                  | 4 800                                                      | 28 200                         | 45,4                 | 111,3                  | 1 300                                                      | 25 200                         | 51,7                 | 113,8                  | 22 300                         | 72,0                  |
| 74,0                  | 35,2                 | 104,0                  | 4 300                                                      | 27 000                         | 42,9                 | 109,2                  | 900                                                        | 24 100                         | 49,4                 | 112,1                  | 21 300                         | 74,0                  |
| 76,0                  | 32,0                 | 100,9                  | 3 800                                                      | 26 000                         | 40,2                 | 106,8                  |                                                            | 23 200                         | 47,0                 | 110,3                  | 20 400                         | 76,0                  |
| 78,0                  | 28,5                 | 97,4                   | 3 300                                                      | 24 900                         | 37,4                 | 104,3                  |                                                            | 22 200                         | 44,6                 | 108,3                  | 19 600                         | 78,0                  |
| 80,0                  | 24,5                 | 93,3                   | 2 900                                                      | 23 900                         | 34,4                 | 101,5                  |                                                            | 21 300                         | 42,0                 | 106,1                  | 18 700                         | 80,0                  |
| 82,0                  | 19,7                 | 88,2                   | 2 400                                                      | 23 000                         | 31,2                 | 98,3                   |                                                            | 20 500                         | 39,3                 | 103,7                  | 18 000                         | 82,0                  |
| 84,0                  | 13,4                 | 81,1                   | 2 000                                                      | 22 100                         | 27,5                 | 94,6                   |                                                            | 19 700                         | 36,4                 | 101,1                  | 17 200                         | 84,0                  |
| 86,0                  |                      |                        |                                                            |                                | 23,4                 | 90,3                   |                                                            | 18 900                         | 33,4                 | 98,2                   | 16 500                         | 86,0                  |
| 88,0                  |                      |                        |                                                            |                                | 18,4                 | 84,9                   |                                                            | 18 100                         | 30,0                 | 94,8                   | 15 800*                        | 88,0                  |
| 90,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 26,2                 | 91,0                   | 15 100*                        | 90,0                  |
| 92,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 21,8                 | 86,3                   | 14 400*                        | 92,0                  |
| 94,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 16,3                 | 80,3                   | 13 700*                        | 94,0                  |
| 96,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 7,3                  | 70,2                   | 13 100*                        | 96,0                  |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

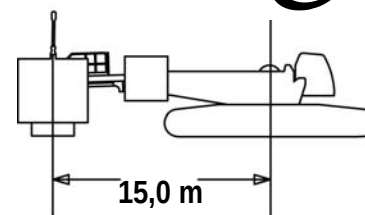
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

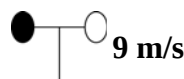
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 44,2                           | 59,6                    | 130,6                    | 29 400                                                                    | 32 800*                                 | 62,7                    | 132,2                    | 25 600                                                                    | 40 400*                                 | 65,8                    | 133,3                    | 21 800                                                                    | 39 900*                                 | 44,2                           |
| 46,0                           | 57,9                    | 129,5                    | 27 600                                                                    | 31 500*                                 | 61,1                    | 131,2                    | 24 000                                                                    | 39 100*                                 | 64,2                    | 132,4                    | 20 400                                                                    | 39 900*                                 | 46,0                           |
| 48,0                           | 56,0                    | 128,1                    | 25 800                                                                    | 30 100*                                 | 59,3                    | 130,0                    | 22 300                                                                    | 37 700*                                 | 62,4                    | 131,4                    | 18 900                                                                    | 39 900*                                 | 48,0                           |
| 50,0                           | 54,0                    | 126,7                    | 24 100                                                                    | 28 700*                                 | 57,4                    | 128,8                    | 20 800                                                                    | 36 300*                                 | 60,6                    | 130,3                    | 17 500                                                                    | 39 900*                                 | 50,0                           |
| 52,0                           | 52,0                    | 125,2                    | 22 600                                                                    | 27 400*                                 | 55,5                    | 127,4                    | 19 400                                                                    | 34 900*                                 | 58,7                    | 129,1                    | 16 300                                                                    | 39 900*                                 | 52,0                           |
| 54,0                           | 50,0                    | 123,5                    | 21 200                                                                    | 26 100*                                 | 53,5                    | 125,9                    | 18 100                                                                    | 33 500*                                 | 56,8                    | 127,8                    | 15 100                                                                    | 39 900*                                 | 54,0                           |
| 56,0                           | 47,8                    | 121,7                    | 19 900                                                                    | 24 900*                                 | 51,5                    | 124,3                    | 17 000                                                                    | 32 000*                                 | 54,9                    | 126,4                    | 14 000                                                                    | 39 300*                                 | 56,0                           |
| 58,0                           | 45,6                    | 119,8                    | 18 700                                                                    | 23 800*                                 | 49,4                    | 122,7                    | 15 900                                                                    | 30 600*                                 | 52,9                    | 124,9                    | 13 100                                                                    | 38 000*                                 | 58,0                           |
| 60,0                           | 43,3                    | 117,7                    | 17 500                                                                    | 22 700*                                 | 47,2                    | 120,8                    | 14 800                                                                    | 29 300*                                 | 50,9                    | 123,3                    | 12 100                                                                    | 36 600*                                 | 60,0                           |
| 62,0                           | 40,9                    | 115,5                    | 16 500                                                                    | 21 700*                                 | 45,0                    | 118,9                    | 13 900                                                                    | 28 000*                                 | 48,8                    | 121,6                    | 11 300                                                                    | 35 200*                                 | 62,0                           |
| 64,0                           | 38,4                    | 113,0                    | 15 500                                                                    | 20 800*                                 | 42,7                    | 116,8                    | 13 000                                                                    | 26 800*                                 | 46,6                    | 119,7                    | 10 400                                                                    | 33 800*                                 | 64,0                           |
| 66,0                           | 35,7                    | 110,3                    | 14 500                                                                    | 19 900*                                 | 40,2                    | 114,4                    | 12 100                                                                    | 25 600*                                 | 44,3                    | 117,7                    | 9 700                                                                     | 32 400*                                 | 66,0                           |
| 68,0                           | 32,8                    | 107,3                    | 13 700                                                                    | 19 200*                                 | 37,7                    | 111,9                    | 11 300                                                                    | 24 500*                                 | 42,0                    | 115,6                    | 9 000                                                                     | 31 100*                                 | 68,0                           |
| 70,0                           | 29,7                    | 103,9                    | 12 800                                                                    | 18 500*                                 | 34,9                    | 109,1                    | 10 600                                                                    | 23 400*                                 | 39,5                    | 113,2                    | 8 300                                                                     | 29 800*                                 | 70,0                           |
| 72,0                           | 26,2                    | 100,0                    | 12 000                                                                    | 17 800*                                 | 32,0                    | 106,0                    | 9 800                                                                     | 22 500*                                 | 36,9                    | 110,6                    | 7 600                                                                     | 28 500*                                 | 72,0                           |
| 74,0                           | 22,3                    | 95,4                     | 11 300                                                                    | 17 400*                                 | 28,8                    | 102,5                    | 9 100                                                                     | 21 600*                                 | 34,1                    | 107,7                    | 7 000                                                                     | 27 300*                                 | 74,0                           |
| 76,0                           | 17,4                    | 89,7                     | 10 500                                                                    | 17 000*                                 | 25,2                    | 98,5                     | 8 500                                                                     | 20 800*                                 | 31,1                    | 104,5                    | 6 500                                                                     | 26 200*                                 | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         | 21,1                    | 93,7                     | 7 800                                                                     | 20 100*                                 | 27,8                    | 100,9                    | 5 900                                                                     | 25 100*                                 | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         | 15,9                    | 87,4                     | 7 300                                                                     | 19 600*                                 | 24,1                    | 96,7                     | 5 300                                                                     | 24 100*                                 | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         | 7,6                     | 77,2                     | 6 600                                                                     | 17 800*                                 | 19,7                    | 91,5                     | 4 800                                                                     | 22 900*                                 | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,0                    | 84,7                     | 4 300                                                                     | 21 400*                                 | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 102,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

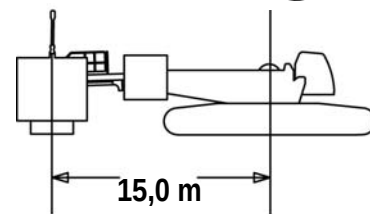
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

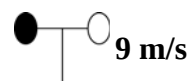
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 72,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                |  | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|--|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |  |                       |
| 44,2                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                |  | 44,2                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                |  | 46,0                  |
| 48,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                |  | 48,0                  |
| 50,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                |  | 50,0                  |
| 52,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                |  | 52,0                  |
| 54,0                  | 62,1                 | 129,9                  | 10 100                                                     | 36 500*                        |                      |                        |                                                            |                                |                      |                        |                                |  | 54,0                  |
| 56,0                  | 60,3                 | 128,8                  | 9 200                                                      | 36 500*                        |                      |                        |                                                            |                                |                      |                        |                                |  | 56,0                  |
| 58,0                  | 58,4                 | 127,6                  | 8 400                                                      | 35 900                         |                      |                        |                                                            |                                |                      |                        |                                |  | 58,0                  |
| 60,0                  | 56,5                 | 126,2                  | 7 700                                                      | 34 400                         |                      |                        |                                                            |                                |                      |                        |                                |  | 60,0                  |
| 62,0                  | 54,6                 | 124,8                  | 6 900                                                      | 33 100                         |                      |                        |                                                            |                                |                      |                        |                                |  | 62,0                  |
| 64,0                  | 52,6                 | 123,3                  | 6 300                                                      | 31 800                         | 57,9                 | 125,4                  | 2 200                                                      | 28 300                         |                      |                        |                                |  | 64,0                  |
| 66,0                  | 50,5                 | 121,7                  | 5 700                                                      | 30 600                         | 56,0                 | 124,1                  | 1 700                                                      | 27 100                         |                      |                        |                                |  | 66,0                  |
| 68,0                  | 48,4                 | 119,9                  | 5 100                                                      | 29 400                         | 54,1                 | 122,7                  | 1 200                                                      | 26 100                         |                      |                        |                                |  | 68,0                  |
| 70,0                  | 46,2                 | 118,1                  | 4 500                                                      | 28 300                         | 52,1                 | 121,1                  | 800                                                        | 25 100                         |                      |                        |                                |  | 70,0                  |
| 72,0                  | 43,9                 | 116,0                  | 4 000                                                      | 27 300                         | 50,0                 | 119,5                  |                                                            | 24 100                         |                      |                        |                                |  | 72,0                  |
| 74,0                  | 41,6                 | 113,8                  | 3 500                                                      | 26 300                         | 47,9                 | 117,7                  |                                                            | 23 200                         |                      |                        |                                |  | 74,0                  |
| 76,0                  | 39,1                 | 111,4                  | 3 000                                                      | 25 200                         | 45,7                 | 115,8                  |                                                            | 22 300                         | 51,4                 | 118,3                  | 19 500                         |  | 76,0                  |
| 78,0                  | 36,4                 | 108,8                  | 2 600                                                      | 24 200                         | 43,4                 | 113,7                  |                                                            | 21 400                         | 49,3                 | 116,6                  | 18 600*                        |  | 78,0                  |
| 80,0                  | 33,6                 | 105,8                  | 2 100                                                      | 23 300                         | 41,0                 | 111,4                  |                                                            | 20 500                         | 47,1                 | 114,8                  | 17 800*                        |  | 80,0                  |
| 82,0                  | 30,6                 | 102,6                  | 1 700                                                      | 22 300                         | 38,4                 | 108,9                  |                                                            | 19 700                         | 44,9                 | 112,8                  | 17 000*                        |  | 82,0                  |
| 84,0                  | 27,2                 | 98,8                   | 1 300                                                      | 21 500                         | 35,8                 | 106,2                  |                                                            | 18 900                         | 42,6                 | 110,6                  | 16 200*                        |  | 84,0                  |
| 86,0                  | 23,4                 | 94,5                   | 900                                                        | 20 600                         | 32,9                 | 103,2                  |                                                            | 18 100                         | 40,1                 | 108,3                  | 15 500*                        |  | 86,0                  |
| 88,0                  | 18,8                 | 89,1                   |                                                            | 19 800                         | 29,8                 | 99,9                   |                                                            | 17 400                         | 37,6                 | 105,8                  | 14 800*                        |  | 88,0                  |
| 90,0                  | 12,8                 | 81,8                   |                                                            | 19 000                         | 26,3                 | 96,0                   |                                                            | 16 700                         | 34,8                 | 103,0                  | 14 100*                        |  | 90,0                  |
| 92,0                  |                      |                        |                                                            |                                | 22,4                 | 91,5                   |                                                            | 16 000                         | 31,9                 | 99,9                   | 13 500*                        |  | 92,0                  |
| 94,0                  |                      |                        |                                                            |                                | 17,5                 | 85,8                   |                                                            | 15 400                         | 28,6                 | 96,3                   | 12 800*                        |  | 94,0                  |
| 96,0                  |                      |                        |                                                            |                                | 10,7                 | 77,4                   |                                                            | 14 700                         | 25,0                 | 92,3                   | 12 200*                        |  | 96,0                  |
| 98,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 20,9                 | 87,4                   | 11 700*                        |  | 98,0                  |
| 100,0                 |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 15,6                 | 81,1                   | 11 100*                        |  | 100,0                 |
| 102,0                 |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 7,0                  | 70,5                   | 10 500*                        |  | 102,0                 |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

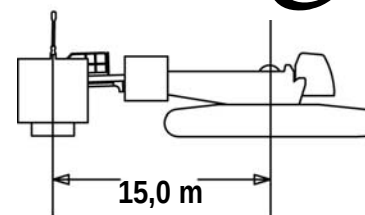
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

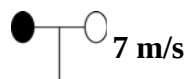
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 48,8                           | 58,3                    | 134,8                           | 24 500                                                                    | 27 800*                                 | 61,2                    | 136,5                           | 21 000                                                                    | 34 300*                                 | 64,1                    | 137,8                           | 17 600                                                                    | 34 200*                                 | 48,8                           |
| 50,0                           | 57,2                    | 134,0                           | 23 500                                                                    | 27 100*                                 | 60,2                    | 135,8                           | 20 100                                                                    | 33 600*                                 | 63,1                    | 137,1                           | 16 800                                                                    | 34 200*                                 | 50,0                           |
| 52,0                           | 55,4                    | 132,7                           | 21 900                                                                    | 25 900*                                 | 58,5                    | 134,6                           | 18 700                                                                    | 32 500*                                 | 61,4                    | 136,1                           | 15 500                                                                    | 34 200*                                 | 52,0                           |
| 54,0                           | 53,6                    | 131,2                           | 20 600                                                                    | 24 800*                                 | 56,7                    | 133,3                           | 17 500                                                                    | 31 400*                                 | 59,7                    | 134,9                           | 14 400                                                                    | 34 200*                                 | 54,0                           |
| 56,0                           | 51,7                    | 129,7                           | 19 300                                                                    | 23 700*                                 | 54,9                    | 131,9                           | 16 300                                                                    | 30 200*                                 | 58,0                    | 133,7                           | 13 300                                                                    | 34 200*                                 | 56,0                           |
| 58,0                           | 49,8                    | 128,0                           | 18 000                                                                    | 22 700*                                 | 53,1                    | 130,4                           | 15 200                                                                    | 29 100*                                 | 56,2                    | 132,4                           | 12 300                                                                    | 34 100*                                 | 58,0                           |
| 60,0                           | 47,8                    | 126,2                           | 16 900                                                                    | 21 800*                                 | 51,2                    | 128,8                           | 14 100                                                                    | 27 900*                                 | 54,4                    | 130,9                           | 11 400                                                                    | 34 000*                                 | 60,0                           |
| 62,0                           | 45,8                    | 124,3                           | 15 900                                                                    | 20 800*                                 | 49,3                    | 127,1                           | 13 200                                                                    | 26 800*                                 | 52,6                    | 129,4                           | 10 500                                                                    | 33 200*                                 | 62,0                           |
| 64,0                           | 43,7                    | 122,2                           | 14 900                                                                    | 20 000*                                 | 47,3                    | 125,3                           | 12 300                                                                    | 25 700*                                 | 50,7                    | 127,8                           | 9 800                                                                     | 32 000*                                 | 64,0                           |
| 66,0                           | 41,5                    | 120,0                           | 13 900                                                                    | 19 100*                                 | 45,3                    | 123,4                           | 11 500                                                                    | 24 700*                                 | 48,7                    | 126,1                           | 9 000                                                                     | 30 900*                                 | 66,0                           |
| 68,0                           | 39,2                    | 117,6                           | 13 100                                                                    | 18 400*                                 | 43,1                    | 121,3                           | 10 600                                                                    | 23 600*                                 | 46,7                    | 124,2                           | 8 300                                                                     | 29 800*                                 | 68,0                           |
| 70,0                           | 36,8                    | 115,0                           | 12 200                                                                    | 17 700*                                 | 40,9                    | 119,0                           | 9 900                                                                     | 22 700*                                 | 44,7                    | 122,2                           | 7 600                                                                     | 28 700*                                 | 70,0                           |
| 72,0                           | 34,2                    | 112,1                           | 11 500                                                                    | 17 000*                                 | 38,6                    | 116,6                           | 9 200                                                                     | 21 700*                                 | 42,5                    | 120,1                           | 7 000                                                                     | 27 600*                                 | 72,0                           |
| 74,0                           | 31,5                    | 109,0                           | 10 700                                                                    | 16 400*                                 | 36,1                    | 113,9                           | 8 600                                                                     | 20 900*                                 | 40,3                    | 117,8                           | 6 400                                                                     | 26 500*                                 | 74,0                           |
| 76,0                           | 28,5                    | 105,4                           | 10 000                                                                    | 15 900*                                 | 33,5                    | 110,9                           | 7 900                                                                     | 20 100*                                 | 37,9                    | 115,2                           | 5 800                                                                     | 25 400*                                 | 76,0                           |
| 78,0                           | 25,2                    | 101,4                           | 9 300                                                                     | 15 400*                                 | 30,7                    | 107,7                           | 7 300                                                                     | 19 400*                                 | 35,4                    | 112,5                           | 5 200                                                                     | 24 500*                                 | 78,0                           |
| 80,0                           | 21,4                    | 96,6                            | 8 700                                                                     | 15 100*                                 | 27,6                    | 104,0                           | 6 700                                                                     | 18 700*                                 | 32,7                    | 109,5                           | 4 700                                                                     | 23 500*                                 | 80,0                           |
| 82,0                           | 16,7                    | 90,6                            | 8 100                                                                     | 14 800*                                 | 24,2                    | 99,8                            | 6 100                                                                     | 18 100*                                 | 29,9                    | 106,1                           | 4 200                                                                     | 22 500*                                 | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         | 20,2                    | 94,7                            | 5 600                                                                     | 17 600*                                 | 26,7                    | 102,3                           | 3 800                                                                     | 21 300*                                 | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         | 15,2                    | 88,2                            | 5 100                                                                     | 17 100*                                 | 23,1                    | 97,9                            | 3 300                                                                     | 20 200*                                 | 86,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         | 7,3                     | 77,6                            | 4 500                                                                     | 14 800*                                 | 18,9                    | 92,5                            | 2 800                                                                     | 19 200*                                 | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,5                    | 85,4                            | 2 400                                                                     | 17 800*                                 | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 104,0                          |
| 106,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 106,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 108,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

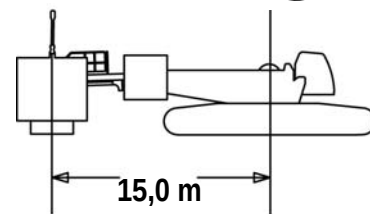
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

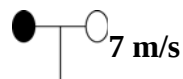
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 78,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                | 65 Degree Boom Angle |                        |                                | Jib Oper Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|----------------------|------------------------|--------------------------------|----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                      |
| 48,8                  |                      |                        |                                                            |                                |                      |                        |                                |                      |                        |                                | 48,8                 |
| 50,0                  |                      |                        |                                                            |                                |                      |                        |                                |                      |                        |                                | 50,0                 |
| 52,0                  |                      |                        |                                                            |                                |                      |                        |                                |                      |                        |                                | 52,0                 |
| 54,0                  |                      |                        |                                                            |                                |                      |                        |                                |                      |                        |                                | 54,0                 |
| 56,0                  |                      |                        |                                                            |                                |                      |                        |                                |                      |                        |                                | 56,0                 |
| 58,0                  | 61,1                 | 134,5                  | 7 600                                                      | 31 200*                        |                      |                        |                                |                      |                        |                                | 58,0                 |
| 60,0                  | 59,4                 | 133,4                  | 6 900                                                      | 31 200*                        |                      |                        |                                |                      |                        |                                | 60,0                 |
| 62,0                  | 57,7                 | 132,1                  | 6 200                                                      | 31 200*                        |                      |                        |                                |                      |                        |                                | 62,0                 |
| 64,0                  | 55,9                 | 130,8                  | 5 500                                                      | 30 600                         |                      |                        |                                |                      |                        |                                | 64,0                 |
| 66,0                  | 54,1                 | 129,3                  | 4 900                                                      | 29 400                         |                      |                        |                                |                      |                        |                                | 66,0                 |
| 68,0                  | 52,2                 | 127,8                  | 4 300                                                      | 28 300                         |                      |                        |                                |                      |                        |                                | 68,0                 |
| 70,0                  | 50,3                 | 126,2                  | 3 700                                                      | 27 200                         | 55,4                 | 128,6                  | 24 000                         |                      |                        |                                | 70,0                 |
| 72,0                  | 48,4                 | 124,4                  | 3 300                                                      | 26 200                         | 53,6                 | 127,2                  | 23 000                         |                      |                        |                                | 72,0                 |
| 74,0                  | 46,4                 | 122,5                  | 2 700                                                      | 25 200                         | 51,8                 | 125,6                  | 22 100                         |                      |                        |                                | 74,0                 |
| 76,0                  | 44,3                 | 120,5                  | 2 300                                                      | 24 300                         | 49,9                 | 123,9                  | 21 300                         |                      |                        |                                | 76,0                 |
| 78,0                  | 42,1                 | 118,3                  | 1 800                                                      | 23 400                         | 47,9                 | 122,2                  | 20 500                         |                      |                        |                                | 78,0                 |
| 80,0                  | 39,8                 | 116,0                  | 1 400                                                      | 22 600                         | 45,9                 | 120,2                  | 19 700                         | 51,1                 | 122,8                  | 16 900                         | 80,0                 |
| 82,0                  | 37,5                 | 113,4                  | 1 000                                                      | 21 700                         | 43,8                 | 118,2                  | 19 000                         | 49,2                 | 121,1                  | 16 100*                        | 82,0                 |
| 84,0                  | 34,9                 | 110,7                  |                                                            | 20 800                         | 41,6                 | 116,0                  | 18 200                         | 47,2                 | 119,2                  | 15 400*                        | 84,0                 |
| 86,0                  | 32,2                 | 107,6                  |                                                            | 20 000                         | 39,3                 | 113,6                  | 17 400                         | 45,2                 | 117,3                  | 14 600*                        | 86,0                 |
| 88,0                  | 29,3                 | 104,1                  |                                                            | 19 200                         | 36,9                 | 111,0                  | 16 700                         | 43,0                 | 115,2                  | 13 900*                        | 88,0                 |
| 90,0                  | 26,1                 | 100,2                  |                                                            | 18 500                         | 34,3                 | 108,1                  | 16 000                         | 40,8                 | 112,9                  | 13 300*                        | 90,0                 |
| 92,0                  | 22,4                 | 95,7                   |                                                            | 17 800                         | 31,5                 | 104,9                  | 15 400*                        | 38,5                 | 110,4                  | 12 600*                        | 92,0                 |
| 94,0                  | 18,1                 | 90,1                   |                                                            | 17 000                         | 28,6                 | 101,4                  | 14 700*                        | 36,0                 | 107,7                  | 12 000*                        | 94,0                 |
| 96,0                  | 12,2                 | 82,4                   |                                                            | 16 300                         | 25,2                 | 97,4                   | 14 000*                        | 33,4                 | 104,8                  | 11 400*                        | 96,0                 |
| 98,0                  |                      |                        |                                                            |                                | 21,4                 | 92,6                   | 13 400*                        | 30,6                 | 101,5                  | 10 800*                        | 98,0                 |
| 100,0                 |                      |                        |                                                            |                                | 16,8                 | 86,6                   | 12 800*                        | 27,5                 | 97,8                   | 10 300*                        | 100,0                |
| 102,0                 |                      |                        |                                                            |                                | 10,3                 | 78,0                   | 12 100*                        | 24,0                 | 93,6                   | 9 800*                         | 102,0                |
| 104,0                 |                      |                        |                                                            |                                |                      |                        |                                | 20,0                 | 88,5                   | 9 200*                         | 104,0                |
| 106,0                 |                      |                        |                                                            |                                |                      |                        |                                | 15,0                 | 81,9                   | 8 800*                         | 106,0                |
| 108,0                 |                      |                        |                                                            |                                |                      |                        |                                | 6,7                  | 70,8                   | 8 200*                         | 108,0                |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

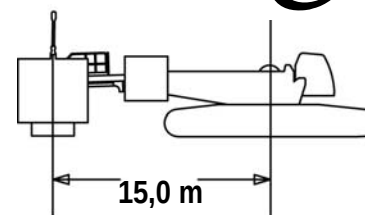
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

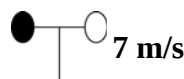
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 50,3                           | 59,6                    | 140,9                           | 22 500                                                                    | 25 100*                                 | 62,3                    | 142,5                           | 19 100                                                                    | 29 700*                                 | 64,9                    | 143,7                           | 15 700                                                                    | 28 900*                                 | 50,3                           |
| 52,0                           | 58,2                    | 139,9                           | 21 200                                                                    | 24 300*                                 | 61,0                    | 141,6                           | 17 900                                                                    | 29 500*                                 | 63,6                    | 142,9                           | 14 600                                                                    | 28 800*                                 | 52,0                           |
| 54,0                           | 56,6                    | 138,6                           | 19 800                                                                    | 23 400*                                 | 59,4                    | 140,4                           | 16 600                                                                    | 29 000*                                 | 62,1                    | 141,8                           | 13 500                                                                    | 28 800*                                 | 54,0                           |
| 56,0                           | 54,9                    | 137,2                           | 18 500                                                                    | 22 500*                                 | 57,8                    | 139,2                           | 15 500                                                                    | 28 000*                                 | 60,5                    | 140,7                           | 12 400                                                                    | 28 700*                                 | 56,0                           |
| 58,0                           | 53,2                    | 135,7                           | 17 300                                                                    | 21 600*                                 | 56,1                    | 137,8                           | 14 400                                                                    | 27 100*                                 | 58,9                    | 139,5                           | 11 400                                                                    | 28 700*                                 | 58,0                           |
| 60,0                           | 51,5                    | 134,1                           | 16 100                                                                    | 20 700*                                 | 54,5                    | 136,4                           | 13 400                                                                    | 26 200*                                 | 57,3                    | 138,2                           | 10 500                                                                    | 28 500*                                 | 60,0                           |
| 62,0                           | 49,7                    | 132,5                           | 15 100                                                                    | 19 900*                                 | 52,8                    | 134,9                           | 12 400                                                                    | 25 300*                                 | 55,7                    | 136,9                           | 9 700                                                                     | 28 500*                                 | 62,0                           |
| 64,0                           | 47,9                    | 130,7                           | 14 200                                                                    | 19 100*                                 | 51,0                    | 133,3                           | 11 500                                                                    | 24 400*                                 | 54,0                    | 135,4                           | 8 900                                                                     | 28 400*                                 | 64,0                           |
| 66,0                           | 46,0                    | 128,8                           | 13 200                                                                    | 18 400*                                 | 49,2                    | 131,6                           | 10 600                                                                    | 23 500*                                 | 52,3                    | 133,9                           | 8 100                                                                     | 28 300*                                 | 66,0                           |
| 68,0                           | 44,0                    | 126,7                           | 12 300                                                                    | 17 600*                                 | 47,4                    | 129,8                           | 9 900                                                                     | 22 600*                                 | 50,5                    | 132,3                           | 7 400                                                                     | 27 900*                                 | 68,0                           |
| 70,0                           | 42,0                    | 124,6                           | 11 500                                                                    | 17 000*                                 | 45,5                    | 127,8                           | 9 100                                                                     | 21 800*                                 | 48,7                    | 130,5                           | 6 700                                                                     | 27 100*                                 | 70,0                           |
| 72,0                           | 39,9                    | 122,2                           | 10 700                                                                    | 16 300*                                 | 43,5                    | 125,8                           | 8 400                                                                     | 21 000*                                 | 46,8                    | 128,7                           | 6 100                                                                     | 26 200*                                 | 72,0                           |
| 74,0                           | 37,7                    | 119,7                           | 10 000                                                                    | 15 700*                                 | 41,5                    | 123,6                           | 7 800                                                                     | 20 200*                                 | 44,9                    | 126,7                           | 5 500                                                                     | 25 300*                                 | 74,0                           |
| 76,0                           | 35,4                    | 116,9                           | 9 300                                                                     | 15 200*                                 | 39,3                    | 121,2                           | 7 100                                                                     | 19 400*                                 | 42,9                    | 124,6                           | 5 000                                                                     | 24 500*                                 | 76,0                           |
| 78,0                           | 32,9                    | 113,9                           | 8 700                                                                     | 14 700*                                 | 37,1                    | 118,6                           | 6 500                                                                     | 18 700*                                 | 40,9                    | 122,3                           | 4 400                                                                     | 23 600*                                 | 78,0                           |
| 80,0                           | 30,3                    | 110,6                           | 8 000                                                                     | 14 200*                                 | 34,7                    | 115,8                           | 6 000                                                                     | 18 000*                                 | 38,7                    | 119,9                           | 3 900                                                                     | 22 800*                                 | 80,0                           |
| 82,0                           | 27,4                    | 106,9                           | 7 400                                                                     | 13 800*                                 | 32,2                    | 112,7                           | 5 400                                                                     | 17 400*                                 | 36,4                    | 117,2                           | 3 400                                                                     | 21 900*                                 | 82,0                           |
| 84,0                           | 24,2                    | 102,6                           | 6 800                                                                     | 13 400*                                 | 29,5                    | 109,2                           | 4 900                                                                     | 16 900*                                 | 34,1                    | 114,3                           | 2 900                                                                     | 20 900*                                 | 84,0                           |
| 86,0                           | 20,5                    | 97,7                            | 6 300                                                                     | 13 200*                                 | 26,6                    | 105,4                           | 4 400                                                                     | 16 300*                                 | 31,5                    | 111,2                           | 2 500                                                                     | 19 800*                                 | 86,0                           |
| 88,0                           | 16,1                    | 91,4                            | 5 700                                                                     | 13 000*                                 | 23,3                    | 101,0                           | 3 900                                                                     | 15 900*                                 | 28,7                    | 107,7                           | 2 100                                                                     | 18 800*                                 | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         | 19,4                    | 95,7                            | 3 400                                                                     | 15 500*                                 | 25,7                    | 103,7                           | 1 700                                                                     | 17 800*                                 | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 14,6                    | 89,0                            | 2 900                                                                     | 14 700*                                 | 22,3                    | 99,1                            | 1 300                                                                     | 16 800*                                 | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         | 7,0                     | 77,9                            | 2 400                                                                     | 11 700*                                 | 18,2                    | 93,5                            | 900                                                                       | 16 000*                                 | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,0                    | 86,0                            |                                                                           | 14 700*                                 | 96,0                           |
| 98,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 104,0                          |
| 106,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 106,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 108,0                          |
| 110,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 110,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 112,0                          |
| 114,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 114,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

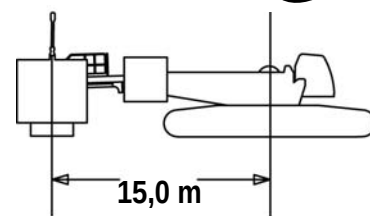
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

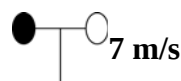
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 50,3                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 50,3                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           | 61,8                    | 140,3                           | 5 900                                                                     | 26 300*                                 |                         |                                 |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 60,2                    | 139,1                           | 5 200                                                                     | 26 300*                                 |                         |                                 |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 58,6                    | 137,9                           | 4 500                                                                     | 26 300*                                 |                         |                                 |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 57,0                    | 136,7                           | 3 900                                                                     | 26 300*                                 |                         |                                 |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 55,4                    | 135,3                           | 3 400                                                                     | 26 300*                                 |                         |                                 |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 53,7                    | 133,8                           | 2 800                                                                     | 25 900                                  |                         |                                 |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 51,9                    | 132,3                           | 2 300                                                                     | 24 900                                  | 56,6                    | 134,5                           | 21 700                                  |                         |                                 |                                         | 72,0                           |
| 74,0                           | 50,2                    | 130,6                           | 1 800                                                                     | 24 000                                  | 54,9                    | 133,1                           | 20 800                                  |                         |                                 |                                         | 74,0                           |
| 76,0                           | 48,4                    | 128,9                           | 1 400                                                                     | 23 100                                  | 53,3                    | 131,6                           | 20 000                                  |                         |                                 |                                         | 76,0                           |
| 78,0                           | 46,5                    | 127,0                           | 900                                                                       | 22 200                                  | 51,5                    | 130,1                           | 19 200                                  |                         |                                 |                                         | 78,0                           |
| 80,0                           | 44,6                    | 125,0                           |                                                                           | 21 400                                  | 49,7                    | 128,4                           | 18 500                                  |                         |                                 |                                         | 80,0                           |
| 82,0                           | 42,6                    | 122,9                           |                                                                           | 20 600                                  | 47,9                    | 126,6                           | 17 700                                  |                         |                                 |                                         | 82,0                           |
| 84,0                           | 40,5                    | 120,6                           |                                                                           | 19 800                                  | 46,0                    | 124,7                           | 17 000                                  | 50,9                    | 127,2                           | 14 200*                                 | 84,0                           |
| 86,0                           | 38,3                    | 118,1                           |                                                                           | 19 100                                  | 44,1                    | 122,7                           | 16 400                                  | 49,1                    | 125,5                           | 13 500*                                 | 86,0                           |
| 88,0                           | 36,0                    | 115,4                           |                                                                           | 18 400                                  | 42,1                    | 120,5                           | 15 700                                  | 47,3                    | 123,7                           | 12 800*                                 | 88,0                           |
| 90,0                           | 33,6                    | 112,5                           |                                                                           | 17 700                                  | 40,0                    | 118,2                           | 15 100*                                 | 45,4                    | 121,8                           | 12 200*                                 | 90,0                           |
| 92,0                           | 31,0                    | 109,2                           |                                                                           | 17 000                                  | 37,8                    | 115,6                           | 14 400*                                 | 43,4                    | 119,7                           | 11 500*                                 | 92,0                           |
| 94,0                           | 28,2                    | 105,6                           |                                                                           | 16 300                                  | 35,4                    | 112,9                           | 13 700*                                 | 41,4                    | 117,4                           | 10 900*                                 | 94,0                           |
| 96,0                           | 25,1                    | 101,6                           |                                                                           | 15 600                                  | 33,0                    | 109,9                           | 13 100*                                 | 39,2                    | 115,0                           | 10 400*                                 | 96,0                           |
| 98,0                           | 21,6                    | 96,8                            |                                                                           | 15 000                                  | 30,3                    | 106,6                           | 12 500*                                 | 37,0                    | 112,4                           | 9 800*                                  | 98,0                           |
| 100,0                          | 17,4                    | 91,0                            |                                                                           | 14 400                                  | 27,5                    | 102,9                           | 11 900*                                 | 34,6                    | 109,6                           | 9 300*                                  | 100,0                          |
| 102,0                          | 11,8                    | 83,0                            |                                                                           | 13 800                                  | 24,3                    | 98,6                            | 11 300*                                 | 32,1                    | 106,5                           | 8 800*                                  | 102,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 20,6                    | 93,7                            | 10 700*                                 | 29,4                    | 103,1                           | 8 200*                                  | 104,0                          |
| 106,0                          |                         |                                 |                                                                           |                                         | 16,2                    | 87,5                            | 10 200*                                 | 26,4                    | 99,2                            | 7 800*                                  | 106,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         | 9,9                     | 78,4                            | 9 600*                                  | 23,1                    | 94,8                            | 7 300*                                  | 108,0                          |
| 110,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 19,3                    | 89,5                            | 6 900*                                  | 110,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 14,4                    | 82,6                            | 6 400*                                  | 112,0                          |
| 114,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 6,4                     | 71,1                            | 5 900*                                  | 114,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

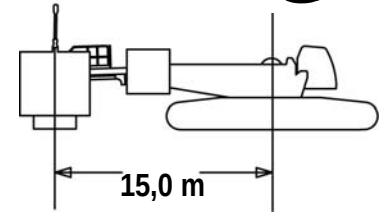
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

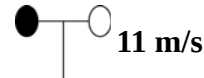
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 19,8                           | 61,0                    | 95,5                     | 93 200                                                                    | 106 000*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,8                           |
| 20,0                           | 60,5                    | 95,4                     | 92 200                                                                    | 105 200*b                               |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           | 54,7                    | 94,0                     | 81 800                                                                    | 97 500*b                                | 65,3                    | 96,0                     | 74 300                                                                    | 119 600*c                               |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           | 48,4                    | 92,3                     | 73 300                                                                    | 90 300*                                 | 59,8                    | 94,8                     | 66 500                                                                    | 112 500*b                               |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           | 41,4                    | 90,2                     | 66 300                                                                    | 83 800*                                 | 54,0                    | 93,4                     | 60 100                                                                    | 105 000*b                               | 64,6                    | 95,2                     | 53 800                                                                    | 108 200b                                | 26,0                           |
| 28,0                           | 33,2                    | 87,4                     | 60 300                                                                    | 78 300*                                 | 47,7                    | 91,7                     | 54 700                                                                    | 97 700*                                 | 59,1                    | 94,1                     | 48 900                                                                    | 100 900b                                | 28,0                           |
| 30,0                           | 22,2                    | 83,2                     | 55 100                                                                    | 74 500*                                 | 40,6                    | 89,5                     | 50 000                                                                    | 90 900*                                 | 53,2                    | 92,6                     | 44 800                                                                    | 94 600b                                 | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         | 32,1                    | 86,6                     | 46 000                                                                    | 85 000*                                 | 46,8                    | 90,8                     | 41 100                                                                    | 89 000                                  | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         | 20,6                    | 82,2                     | 42 200                                                                    | 79 800*                                 | 39,6                    | 88,6                     | 37 900                                                                    | 84 000                                  | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,9                    | 85,5                     | 35 000                                                                    | 79 500                                  | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,6                    | 80,8                     | 32 300                                                                    | 75 600                                  | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |

# Liftcrane Luffing Jib Capacities

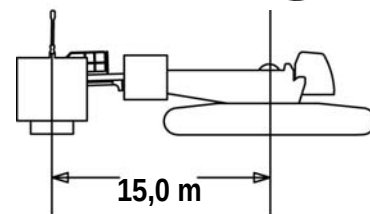
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

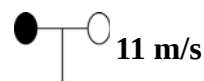
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 19,8                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,8                           |
| 20,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 20,0                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 59,6                    | 92,7                     | 30 300                                                                    | 77 200b                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 53,7                    | 91,3                     | 28 000                                                                    | 72 900b                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 47,3                    | 89,5                     | 25 900                                                                    | 69 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 40,2                    | 87,3                     | 24 000                                                                    | 65 700                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 31,7                    | 84,3                     | 22 300                                                                    | 62 600                                  | 53,7                    | 89,3                     | 16 400                                                                    | 57 200b                                 |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 19,8                    | 79,8                     | 20 600                                                                    | 59 400                                  | 47,4                    | 87,6                     | 15 200                                                                    | 54 500                                  |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         | 40,2                    | 85,3                     | 14 000                                                                    | 51 700                                  |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         | 31,7                    | 82,4                     | 12 900                                                                    | 49 000                                  | 46,7                    | 84,9                     | 7 300                                                                     | 42 500                                  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         | 19,9                    | 77,9                     | 11 900                                                                    | 46 400                                  | 39,5                    | 82,6                     | 6 600                                                                     | 40 400                                  | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,8                    | 79,6                     | 5 900                                                                     | 38 400                                  | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 18,3                    | 74,8                     | 5 200                                                                     | 36 400                                  | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |

# Liftcrane Luffing Jib Capacities

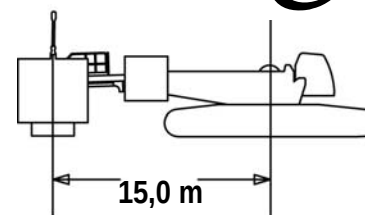
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

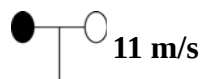
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 22,9                           | 60,7                    | 100,7                    | 77 800                                                                    | 87 200*b                                | 68,8                    | 102,2                    | 70 300                                                                    | 105 400*b                               |                         |                          |                                                                           |                                         | 22,9                           |
| 24,0                           | 58,1                    | 99,9                     | 73 300                                                                    | 83 700*                                 | 66,4                    | 101,7                    | 66 200                                                                    | 102 700*b                               |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           | 53,4                    | 98,5                     | 66 200                                                                    | 77 800*                                 | 62,1                    | 100,6                    | 59 800                                                                    | 97 200*b                                |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           | 48,4                    | 96,8                     | 60 300                                                                    | 72 300*                                 | 57,6                    | 99,4                     | 54 400                                                                    | 91 300*                                 | 65,8                    | 100,9                    | 48 500                                                                    | 98 600b                                 | 28,0                           |
| 30,0                           | 42,9                    | 94,7                     | 55 200                                                                    | 67 300*                                 | 52,9                    | 97,9                     | 49 800                                                                    | 85 300*                                 | 61,5                    | 99,9                     | 44 300                                                                    | 92 300b                                 | 30,0                           |
| 32,0                           | 36,7                    | 92,2                     | 50 800                                                                    | 63 000*                                 | 47,8                    | 96,2                     | 45 800                                                                    | 79 600*                                 | 57,0                    | 98,6                     | 40 700                                                                    | 86 800                                  | 32,0                           |
| 34,0                           | 29,4                    | 88,9                     | 46 900                                                                    | 59 400*                                 | 42,2                    | 94,1                     | 42 300                                                                    | 74 300*                                 | 52,2                    | 97,1                     | 37 500                                                                    | 81 900                                  | 34,0                           |
| 36,0                           | 19,7                    | 84,2                     | 43 400                                                                    | 57 000*                                 | 36,0                    | 91,5                     | 39 200                                                                    | 69 500*                                 | 47,1                    | 95,3                     | 34 700                                                                    | 77 500                                  | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         | 28,5                    | 88,1                     | 36 300                                                                    | 65 400*                                 | 41,5                    | 93,2                     | 32 200                                                                    | 73 600                                  | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         | 18,2                    | 83,1                     | 33 700                                                                    | 62 400*                                 | 35,1                    | 90,5                     | 30 000                                                                    | 70 000                                  | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 27,4                    | 87,0                     | 27 900                                                                    | 66 800                                  | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,4                    | 81,6                     | 26 000                                                                    | 63 400                                  | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 62,0                           |

# Liftcrane Luffing Jib Capacities

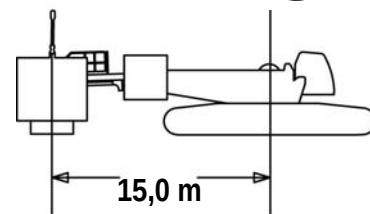
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

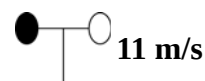
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 22,9                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,9                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 57,4                    | 97,3                     | 25 300                                                                    | 67 400                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 52,6                    | 95,8                     | 23 500                                                                    | 64 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 47,5                    | 94,0                     | 21 800                                                                    | 60 900                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 41,9                    | 91,9                     | 20 300                                                                    | 58 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 35,6                    | 89,3                     | 18 900                                                                    | 55 600                                  | 52,6                    | 93,8                     | 13 400                                                                    | 50 700                                  |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 28,1                    | 85,8                     | 17 600                                                                    | 52 900                                  | 47,5                    | 92,1                     | 12 400                                                                    | 48 300                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 17,6                    | 80,7                     | 16 300                                                                    | 50 100                                  | 42,0                    | 89,9                     | 11 500                                                                    | 46 000                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         | 35,7                    | 87,3                     | 10 600                                                                    | 43 700                                  | 52,2                    | 91,2                     | 5 900                                                                     | 39 700                                  | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         | 28,1                    | 83,9                     | 9 700                                                                     | 41 600                                  | 47,0                    | 89,4                     | 5 300                                                                     | 37 800                                  | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         | 17,6                    | 78,8                     | 8 900                                                                     | 39 600                                  | 41,4                    | 87,2                     | 4 700                                                                     | 36 000                                  | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 35,0                    | 84,5                     | 4 200                                                                     | 34 400                                  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 27,3                    | 81,0                     | 3 700                                                                     | 32 800                                  | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 16,2                    | 75,6                     | 3 100                                                                     | 31 200                                  | 62,0                           |

# Liftcrane Luffing Jib Capacities

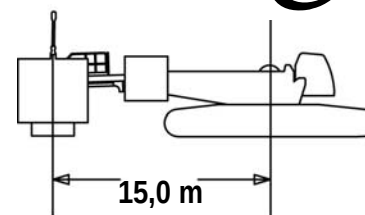
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

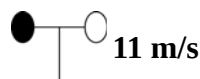
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

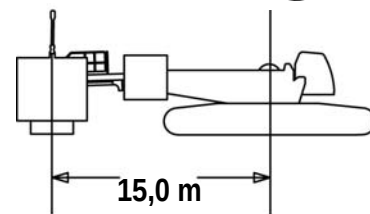
72,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 27,4                           | 57,6                    | 104,9                    | 61 500                                                                    | 69 100*                                 | 64,6                    | 106,7                    | 55 200                                                                    | 85 800*                                 |                         |                          |                                                                           |                                         | 27,4                           |
| 28,0                           | 56,5                    | 104,5                    | 59 900                                                                    | 67 800*                                 | 63,6                    | 106,4                    | 53 800                                                                    | 84 500*                                 |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           | 52,6                    | 103,0                    | 54 800                                                                    | 63 200*                                 | 59,9                    | 105,2                    | 49 100                                                                    | 79 900*                                 |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           | 48,4                    | 101,3                    | 50 400                                                                    | 59 000*                                 | 56,1                    | 103,9                    | 45 100                                                                    | 75 100*                                 | 63,1                    | 105,6                    | 39 800                                                                    | 84 500                                  | 32,0                           |
| 34,0                           | 43,8                    | 99,3                     | 46 600                                                                    | 55 100*                                 | 52,1                    | 102,4                    | 41 700                                                                    | 70 400*                                 | 59,4                    | 104,5                    | 36 700                                                                    | 79 700                                  | 34,0                           |
| 36,0                           | 38,9                    | 96,9                     | 43 200                                                                    | 51 700*                                 | 47,9                    | 100,6                    | 38 600                                                                    | 65 900*                                 | 55,6                    | 103,1                    | 34 000                                                                    | 75 400                                  | 36,0                           |
| 38,0                           | 33,3                    | 94,0                     | 40 100                                                                    | 48 800*                                 | 43,3                    | 98,6                     | 35 900                                                                    | 61 700*                                 | 51,6                    | 101,6                    | 31 500                                                                    | 71 500                                  | 38,0                           |
| 40,0                           | 26,7                    | 90,4                     | 37 400                                                                    | 46 400*                                 | 38,3                    | 96,2                     | 33 400                                                                    | 57 900*                                 | 47,3                    | 99,8                     | 29 300                                                                    | 68 000                                  | 40,0                           |
| 42,0                           | 17,8                    | 85,2                     | 34 800                                                                    | 44 900*                                 | 32,6                    | 93,2                     | 31 100                                                                    | 54 500*                                 | 42,7                    | 97,7                     | 27 300                                                                    | 64 800                                  | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         | 25,9                    | 89,5                     | 29 100                                                                    | 51 700*                                 | 37,6                    | 95,2                     | 25 500                                                                    | 61 800                                  | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         | 16,5                    | 83,9                     | 27 100                                                                    | 49 600*                                 | 31,8                    | 92,2                     | 23 800                                                                    | 59 100                                  | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,9                    | 88,3                     | 22 300                                                                    | 56 700                                  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,9                    | 82,3                     | 20 800                                                                    | 53 400                                  | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 68,0                           |

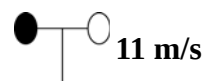
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 27,4                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 27,4                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 59,7                    | 103,1                    | 22 500                                                                    | 62 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 55,9                    | 101,8                    | 20 900                                                                    | 59 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 51,9                    | 100,3                    | 19 400                                                                    | 56 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 47,6                    | 98,5                     | 18 000                                                                    | 53 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 43,1                    | 96,4                     | 16 800                                                                    | 51 500                                  | 55,9                    | 99,8                     | 11 400                                                                    | 46 700                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 38,0                    | 94,0                     | 15 700                                                                    | 49 300                                  | 51,9                    | 98,3                     | 10 500                                                                    | 44 700                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 32,3                    | 91,0                     | 14 600                                                                    | 47 100                                  | 47,6                    | 96,5                     | 9 600                                                                     | 42 800                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 25,5                    | 87,2                     | 13 600                                                                    | 44 800                                  | 43,1                    | 94,5                     | 8 900                                                                     | 40 800                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 15,9                    | 81,5                     | 12 600                                                                    | 42 600                                  | 38,0                    | 92,0                     | 8 200                                                                     | 38 900                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         | 32,3                    | 89,0                     | 7 400                                                                     | 37 100                                  | 47,2                    | 93,8                     | 3 100                                                                     | 33 400                                  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         | 25,5                    | 85,2                     | 6 800                                                                     | 35 400                                  | 42,6                    | 91,8                     | 2 700                                                                     | 31 900                                  | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         | 15,9                    | 79,6                     | 6 100                                                                     | 33 800                                  | 37,5                    | 89,3                     | 2 200                                                                     | 30 500                                  | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 31,7                    | 86,2                     | 1 800                                                                     | 29 200                                  | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,7                    | 82,3                     | 1 400                                                                     | 27 900                                  | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 14,7                    | 76,3                     | 900                                                                       | 26 600                                  | 68,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

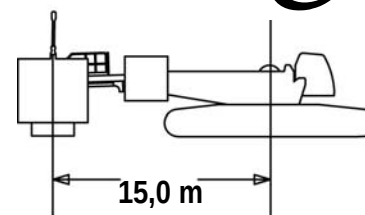
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

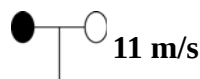
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

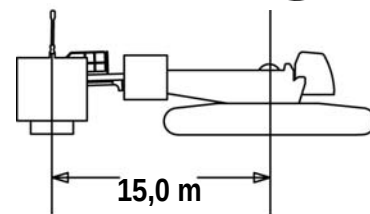
72,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 32,0                           | 55,4                    | 109,0                    | 50 000                                                                    | 55 800*                                 | 61,5                    | 111,0                    | 44 600                                                                    | 70 300*                                 | 67,2                    | 112,3                    | 39 200                                                                    | 77 400*                                 | 32,0                           |
| 34,0                           | 51,9                    | 107,5                    | 46 200                                                                    | 52 300*                                 | 58,3                    | 109,8                    | 41 100                                                                    | 66 500*                                 | 64,2                    | 111,3                    | 36 100                                                                    | 76 800                                  | 34,0                           |
| 36,0                           | 48,3                    | 105,7                    | 42 800                                                                    | 49 000*                                 | 55,0                    | 108,4                    | 38 100                                                                    | 62 700*                                 | 61,1                    | 110,3                    | 33 300                                                                    | 73 700                                  | 36,0                           |
| 38,0                           | 44,5                    | 103,8                    | 39 800                                                                    | 46 000*                                 | 51,5                    | 106,9                    | 35 400                                                                    | 59 000*                                 | 57,9                    | 109,0                    | 30 900                                                                    | 69 800                                  | 38,0                           |
| 40,0                           | 40,4                    | 101,5                    | 37 100                                                                    | 43 300*                                 | 47,9                    | 105,1                    | 32 900                                                                    | 55 500*                                 | 54,6                    | 107,6                    | 28 700                                                                    | 66 300                                  | 40,0                           |
| 42,0                           | 35,8                    | 98,8                     | 34 700                                                                    | 40 900*                                 | 44,0                    | 103,1                    | 30 700                                                                    | 52 100*                                 | 51,1                    | 106,1                    | 26 800                                                                    | 63 100                                  | 42,0                           |
| 44,0                           | 30,7                    | 95,7                     | 32 500                                                                    | 38 800*                                 | 39,9                    | 100,8                    | 28 700                                                                    | 49 000*                                 | 47,4                    | 104,3                    | 25 000                                                                    | 60 200                                  | 44,0                           |
| 46,0                           | 24,6                    | 91,7                     | 30 400                                                                    | 37 200*                                 | 35,3                    | 98,1                     | 26 900                                                                    | 46 300*                                 | 43,5                    | 102,2                    | 23 300                                                                    | 57 600                                  | 46,0                           |
| 48,0                           | 16,4                    | 86,0                     | 28 500                                                                    | 36 200*                                 | 30,1                    | 94,8                     | 25 200                                                                    | 43 800*                                 | 39,3                    | 99,9                     | 21 800                                                                    | 55 000                                  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         | 23,8                    | 90,7                     | 23 600                                                                    | 41 700*                                 | 34,7                    | 97,1                     | 20 500                                                                    | 52 000*                                 | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 29,4                    | 93,8                     | 19 200                                                                    | 49 100*                                 | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,9                    | 89,5                     | 17 900                                                                    | 46 700*                                 | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 13,7                    | 83,0                     | 16 700                                                                    | 45 000*                                 | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 74,0                           |

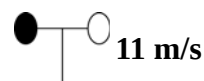
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 61,3                    | 108,9                    | 20 100                                                                    | 57 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 58,1                    | 107,7                    | 18 700                                                                    | 54 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 54,8                    | 106,3                    | 17 400                                                                    | 52 300                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 51,4                    | 104,7                    | 16 100                                                                    | 50 000                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 47,7                    | 103,0                    | 15 000                                                                    | 47 900                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           | 43,8                    | 100,9                    | 14 000                                                                    | 46 000                                  | 54,8                    | 104,3                    | 8 900                                                                     | 41 500                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           | 39,7                    | 98,6                     | 13 100                                                                    | 44 100                                  | 51,4                    | 102,8                    | 8 200                                                                     | 39 800                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           | 35,0                    | 95,9                     | 12 100                                                                    | 42 300                                  | 47,7                    | 101,0                    | 7 400                                                                     | 38 200                                  |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           | 29,8                    | 92,6                     | 11 300                                                                    | 40 300                                  | 43,8                    | 99,0                     | 6 800                                                                     | 36 500                                  |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           | 23,5                    | 88,4                     | 10 500                                                                    | 38 500                                  | 39,7                    | 96,7                     | 6 200                                                                     | 34 800                                  | 51,0                    | 100,1                    | 1 900                                                                     | 31 200                                  | 60,0                           |
| 62,0                           | 14,6                    | 82,2                     | 9 700                                                                     | 36 800                                  | 35,1                    | 93,9                     | 5 600                                                                     | 33 300                                  | 47,4                    | 98,3                     | 1 500                                                                     | 29 800                                  | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         | 29,8                    | 90,6                     | 5 000                                                                     | 31 800                                  | 43,5                    | 96,3                     | 1 100                                                                     | 28 500                                  | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         | 23,5                    | 86,5                     | 4 500                                                                     | 30 500                                  | 39,2                    | 93,9                     |                                                                           | 27 300                                  | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         | 14,6                    | 80,3                     | 3 900                                                                     | 29 200                                  | 34,6                    | 91,2                     |                                                                           | 26 100                                  | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 29,3                    | 87,8                     |                                                                           | 25 000                                  | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,8                    | 83,5                     |                                                                           | 24 000                                  | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 13,5                    | 77,0                     |                                                                           | 23 000                                  | 74,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

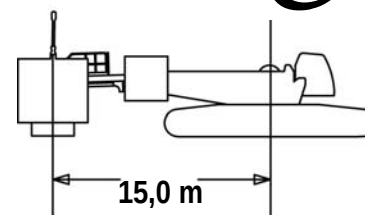
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

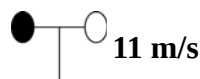
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

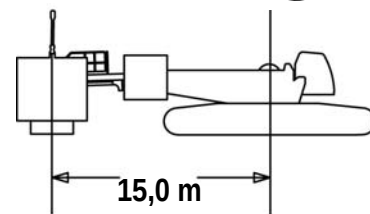
72,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 38,1                           | 51,3                    | 111,9                           | 39 000                                                                    | 43 700*                                 | 56,9                    | 114,3                           | 34 500                                                                    | 55 800*                                 | 62,2                    | 116,0                           | 29 900                                                                    | 66 800*                                 | 38,1                           |
| 40,0                           | 48,3                    | 110,2                           | 36 500                                                                    | 41 300*                                 | 54,2                    | 112,9                           | 32 200                                                                    | 52 900*                                 | 59,6                    | 114,9                           | 27 900                                                                    | 64 500                                  | 40,0                           |
| 42,0                           | 45,0                    | 108,3                           | 34 100                                                                    | 38 900*                                 | 51,1                    | 111,3                           | 30 000                                                                    | 50 000*                                 | 56,7                    | 113,6                           | 25 900                                                                    | 61 300                                  | 42,0                           |
| 44,0                           | 41,4                    | 106,1                           | 31 900                                                                    | 36 700*                                 | 47,9                    | 109,6                           | 28 000                                                                    | 47 200*                                 | 53,8                    | 112,1                           | 24 100                                                                    | 58 500                                  | 44,0                           |
| 46,0                           | 37,6                    | 103,6                           | 29 900                                                                    | 34 800*                                 | 44,6                    | 107,6                           | 26 200                                                                    | 44 500*                                 | 50,7                    | 110,5                           | 22 500                                                                    | 55 900                                  | 46,0                           |
| 48,0                           | 33,4                    | 100,6                           | 28 100                                                                    | 33 000*                                 | 41,0                    | 105,4                           | 24 600                                                                    | 42 000*                                 | 47,5                    | 108,7                           | 21 000                                                                    | 53 200*                                 | 48,0                           |
| 50,0                           | 28,6                    | 97,2                            | 26 400                                                                    | 31 500*                                 | 37,1                    | 102,8                           | 23 100                                                                    | 39 700*                                 | 44,1                    | 106,7                           | 19 700                                                                    | 50 300*                                 | 50,0                           |
| 52,0                           | 22,9                    | 92,9                            | 24 800                                                                    | 30 400*                                 | 32,9                    | 99,9                            | 21 600                                                                    | 37 600*                                 | 40,5                    | 104,5                           | 18 400                                                                    | 47 600*                                 | 52,0                           |
| 54,0                           | 15,3                    | 86,8                            | 23 300                                                                    | 29 700*                                 | 28,0                    | 96,3                            | 20 300                                                                    | 35 900*                                 | 36,6                    | 101,9                           | 17 300                                                                    | 45 100*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 22,2                    | 91,9                            | 19 100                                                                    | 34 400*                                 | 32,3                    | 98,8                            | 16 200                                                                    | 42 700*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,3                    | 95,2                            | 15 100                                                                    | 40 600*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,3                    | 90,6                            | 14 200                                                                    | 38 800*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 12,7                    | 83,7                            | 13 200                                                                    | 37 500*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 80,0                           |

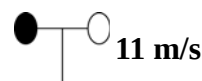
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 48,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 38,1                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,1                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  | 59,8                 | 113,5                  | 16 400                                                     | 50 600                         |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  | 56,9                 | 112,2                  | 15 200                                                     | 48 400                         |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 54,0                 | 110,8                  | 14 100                                                     | 46 300                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 51,0                 | 109,2                  | 13 100                                                     | 44 400                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 47,8                 | 107,4                  | 12 200                                                     | 42 600                         | 57,0                 | 110,2                  | 7 100                                                      | 38 200                         |                      |                        |                                | 54,0                  |
| 56,0                  | 44,4                 | 105,4                  | 11 300                                                     | 40 900                         | 54,0                 | 108,8                  | 6 400                                                      | 36 700                         |                      |                        |                                | 56,0                  |
| 58,0                  | 40,8                 | 103,2                  | 10 500                                                     | 39 300                         | 51,0                 | 107,2                  | 5 800                                                      | 35 200                         |                      |                        |                                | 58,0                  |
| 60,0                  | 36,9                 | 100,6                  | 9 700                                                      | 37 800                         | 47,8                 | 105,5                  | 5 200                                                      | 33 800                         |                      |                        |                                | 60,0                  |
| 62,0                  | 32,6                 | 97,7                   | 9 000                                                      | 36 100                         | 44,4                 | 103,5                  | 4 700                                                      | 32 500                         |                      |                        |                                | 62,0                  |
| 64,0                  | 27,8                 | 94,1                   | 8 300                                                      | 34 600                         | 40,8                 | 101,2                  | 4 100                                                      | 31 000                         | 50,7                 | 104,6                  | 27 500                         | 64,0                  |
| 66,0                  | 21,9                 | 89,6                   | 7 600                                                      | 33 100                         | 36,9                 | 98,7                   | 3 600                                                      | 29 700                         | 47,5                 | 102,8                  | 26 400                         | 66,0                  |
| 68,0                  | 13,6                 | 82,9                   | 6 900                                                      | 31 700                         | 32,7                 | 95,7                   | 3 200                                                      | 28 500                         | 44,1                 | 100,8                  | 25 200                         | 68,0                  |
| 70,0                  |                      |                        |                                                            |                                | 27,8                 | 92,1                   | 2 700                                                      | 27 300                         | 40,5                 | 98,5                   | 24 200                         | 70,0                  |
| 72,0                  |                      |                        |                                                            |                                | 21,9                 | 87,6                   | 2 300                                                      | 26 100                         | 36,6                 | 95,9                   | 23 200                         | 72,0                  |
| 74,0                  |                      |                        |                                                            |                                | 13,6                 | 81,0                   | 1 800                                                      | 25 100                         | 32,2                 | 92,9                   | 22 200                         | 74,0                  |
| 76,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 27,3                 | 89,2                   | 21 300                         | 76,0                  |
| 78,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 21,2                 | 84,6                   | 20 400                         | 78,0                  |
| 80,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 12,5                 | 77,6                   | 19 500                         | 80,0                  |

# Liftcrane Luffing Jib Capacities

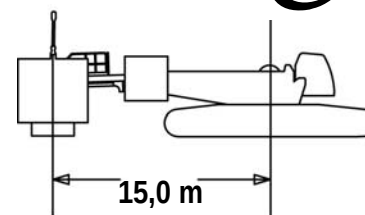
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

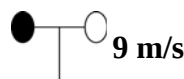
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

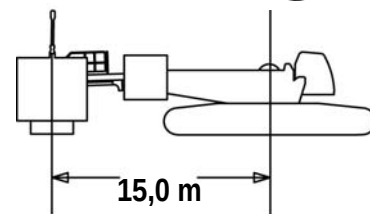
72,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 42,7                           | 50,2                    | 115,9                           | 32 800                                                                    | 36 600*                                 | 55,3                    | 118,4                           | 28 700                                                                    | 46 900*                                 | 60,0                    | 120,2                           | 24 600                                                                    | 56 900*                                 | 42,7                           |
| 44,0                           | 48,3                    | 114,7                           | 31 400                                                                    | 35 300*                                 | 53,5                    | 117,4                           | 27 400                                                                    | 45 300*                                 | 58,4                    | 119,4                           | 23 400                                                                    | 55 500*                                 | 44,0                           |
| 46,0                           | 45,3                    | 112,8                           | 29 400                                                                    | 33 300*                                 | 50,8                    | 115,8                           | 25 700                                                                    | 42 900*                                 | 55,8                    | 118,1                           | 21 800                                                                    | 53 200*                                 | 46,0                           |
| 48,0                           | 42,2                    | 110,6                           | 27 600                                                                    | 31 600*                                 | 48,0                    | 114,1                           | 24 000                                                                    | 40 700*                                 | 53,2                    | 116,6                           | 20 400                                                                    | 50 900*                                 | 48,0                           |
| 50,0                           | 38,9                    | 108,2                           | 26 000                                                                    | 30 000*                                 | 45,0                    | 112,1                           | 22 500                                                                    | 38 500*                                 | 50,4                    | 115,0                           | 19 100                                                                    | 48 600*                                 | 50,0                           |
| 52,0                           | 35,3                    | 105,5                           | 24 400                                                                    | 28 500*                                 | 41,9                    | 109,9                           | 21 100                                                                    | 36 500*                                 | 47,6                    | 113,2                           | 17 800                                                                    | 46 200*                                 | 52,0                           |
| 54,0                           | 31,4                    | 102,3                           | 23 000                                                                    | 27 300*                                 | 38,5                    | 107,5                           | 19 800                                                                    | 34 600*                                 | 44,6                    | 111,2                           | 16 700                                                                    | 43 900*                                 | 54,0                           |
| 56,0                           | 26,9                    | 98,6                            | 21 700                                                                    | 26 200*                                 | 34,9                    | 104,7                           | 18 600                                                                    | 32 900*                                 | 41,5                    | 109,0                           | 15 600                                                                    | 41 700*                                 | 56,0                           |
| 58,0                           | 21,6                    | 94,0                            | 20 400                                                                    | 25 400*                                 | 30,9                    | 101,5                           | 17 500                                                                    | 31 300*                                 | 38,1                    | 106,6                           | 14 600                                                                    | 39 600*                                 | 58,0                           |
| 60,0                           | 14,3                    | 87,5                            | 19 100                                                                    | 24 900*                                 | 26,3                    | 97,7                            | 16 400                                                                    | 30 000*                                 | 34,4                    | 103,7                           | 13 700                                                                    | 37 600*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 20,9                    | 93,0                            | 15 400                                                                    | 28 900*                                 | 30,4                    | 100,5                           | 12 800                                                                    | 35 800*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 13,3                    | 86,1                            | 14 500                                                                    | 28 200*                                 | 25,7                    | 96,6                            | 12 000                                                                    | 34 200*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,1                    | 91,7                            | 11 100                                                                    | 32 800*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 11,9                    | 84,3                            | 10 400                                                                    | 31 700*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 86,0                           |

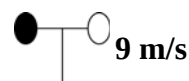
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 54,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 42,7                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,7                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  | 61,0                 | 119,3                  | 14 400                                                     | 47 000                         |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 58,6                 | 118,1                  | 13 300                                                     | 45 000                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 56,0                 | 116,8                  | 12 300                                                     | 43 100                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 53,4                 | 115,3                  | 11 400                                                     | 41 300                         |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 50,7                 | 113,7                  | 10 500                                                     | 39 600                         |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 47,8                 | 111,9                  | 9 800                                                      | 38 100                         | 56,0                 | 114,8                  | 5 000                                                      | 34 000                         |                      |                        |                                | 58,0                  |
| 60,0                  | 44,8                 | 109,9                  | 9 000                                                      | 36 600                         | 53,4                 | 113,3                  | 4 400                                                      | 32 600                         |                      |                        |                                | 60,0                  |
| 62,0                  | 41,7                 | 107,8                  | 8 300                                                      | 35 300                         | 50,7                 | 111,7                  | 3 900                                                      | 31 400                         |                      |                        |                                | 62,0                  |
| 64,0                  | 38,3                 | 105,3                  | 7 700                                                      | 34 000                         | 47,8                 | 109,9                  | 3 400                                                      | 30 200                         |                      |                        |                                | 64,0                  |
| 66,0                  | 34,7                 | 102,5                  | 7 000                                                      | 32 600                         | 44,9                 | 108,0                  | 2 900                                                      | 29 000                         |                      |                        |                                | 66,0                  |
| 68,0                  | 30,7                 | 99,3                   | 6 400                                                      | 31 200                         | 41,7                 | 105,8                  | 2 500                                                      | 27 800                         | 50,4                 | 109,1                  | 24 500                         | 68,0                  |
| 70,0                  | 26,1                 | 95,5                   | 5 900                                                      | 29 900                         | 38,4                 | 103,3                  | 2 000                                                      | 26 600                         | 47,6                 | 107,3                  | 23 500                         | 70,0                  |
| 72,0                  | 20,5                 | 90,6                   | 5 300                                                      | 28 700                         | 34,7                 | 100,6                  | 1 600                                                      | 25 600                         | 44,6                 | 105,3                  | 22 400                         | 72,0                  |
| 74,0                  | 12,8                 | 83,6                   | 4 700                                                      | 27 500                         | 30,7                 | 97,3                   | 1 200                                                      | 24 500                         | 41,4                 | 103,1                  | 21 500                         | 74,0                  |
| 76,0                  |                      |                        |                                                            |                                | 26,1                 | 93,5                   | 800                                                        | 23 500                         | 38,0                 | 100,6                  | 20 600                         | 76,0                  |
| 78,0                  |                      |                        |                                                            |                                | 20,6                 | 88,7                   |                                                            | 22 600                         | 34,4                 | 97,8                   | 19 700                         | 78,0                  |
| 80,0                  |                      |                        |                                                            |                                | 12,8                 | 81,6                   |                                                            | 21 600                         | 30,3                 | 94,5                   | 19 000                         | 80,0                  |
| 82,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 25,6                 | 90,6                   | 18 200                         | 82,0                  |
| 84,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 20,0                 | 85,7                   | 17 400                         | 84,0                  |
| 86,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 11,8                 | 78,2                   | 16 700                         | 86,0                  |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

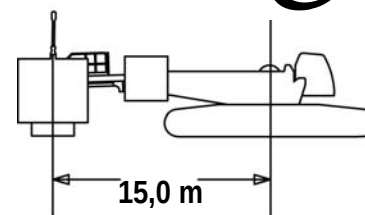
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

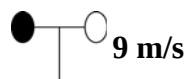
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

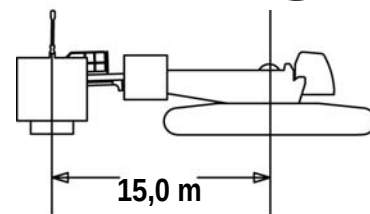
72,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 47,2                           | 49,3                    | 119,8                           | 27 600                                                                    | 30 900*                                 | 53,9                    | 122,5                           | 23 900                                                                    | 39 700*                                 | 58,3                    | 124,5                           | 20 000                                                                    | 48 500*                                 | 47,2                           |
| 48,0                           | 48,3                    | 119,2                           | 27 000                                                                    | 30 300*                                 | 53,0                    | 121,9                           | 23 200                                                                    | 39 000*                                 | 57,4                    | 124,0                           | 19 500                                                                    | 47 800*                                 | 48,0                           |
| 50,0                           | 45,6                    | 117,2                           | 25 300                                                                    | 28 800*                                 | 50,5                    | 120,3                           | 21 700                                                                    | 37 100*                                 | 55,1                    | 122,6                           | 18 200                                                                    | 46 000*                                 | 50,0                           |
| 52,0                           | 42,9                    | 115,1                           | 23 800                                                                    | 27 300*                                 | 48,0                    | 118,5                           | 20 400                                                                    | 35 200*                                 | 52,7                    | 121,1                           | 17 000                                                                    | 44 100*                                 | 52,0                           |
| 54,0                           | 39,9                    | 112,8                           | 22 400                                                                    | 26 000*                                 | 45,3                    | 116,6                           | 19 100                                                                    | 33 500*                                 | 50,2                    | 119,5                           | 15 800                                                                    | 42 200*                                 | 54,0                           |
| 56,0                           | 36,8                    | 110,2                           | 21 000                                                                    | 24 800*                                 | 42,5                    | 114,5                           | 17 900                                                                    | 31 800*                                 | 47,7                    | 117,7                           | 14 800                                                                    | 40 300*                                 | 56,0                           |
| 58,0                           | 33,4                    | 107,3                           | 19 800                                                                    | 23 800*                                 | 39,6                    | 112,1                           | 16 800                                                                    | 30 300*                                 | 45,0                    | 115,7                           | 13 800                                                                    | 38 500*                                 | 58,0                           |
| 60,0                           | 29,7                    | 103,9                           | 18 700                                                                    | 22 800*                                 | 36,4                    | 109,5                           | 15 800                                                                    | 28 900*                                 | 42,2                    | 113,6                           | 12 900                                                                    | 36 600*                                 | 60,0                           |
| 62,0                           | 25,5                    | 100,0                           | 17 600                                                                    | 22 000*                                 | 33,0                    | 106,5                           | 14 800                                                                    | 27 500*                                 | 39,2                    | 111,2                           | 12 000                                                                    | 34 900*                                 | 62,0                           |
| 64,0                           | 20,4                    | 95,1                            | 16 600                                                                    | 21 400*                                 | 29,2                    | 103,1                           | 13 900                                                                    | 26 400*                                 | 36,0                    | 108,5                           | 11 200                                                                    | 33 300*                                 | 64,0                           |
| 66,0                           | 13,6                    | 88,2                            | 15 500                                                                    | 21 100*                                 | 24,9                    | 99,1                            | 13 000                                                                    | 25 300*                                 | 32,6                    | 105,5                           | 10 500                                                                    | 31 700*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 19,7                    | 94,0                            | 12 200                                                                    | 24 500*                                 | 28,7                    | 102,0                           | 9 700                                                                     | 30 300*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 12,5                    | 86,7                            | 11 400                                                                    | 24 000*                                 | 24,3                    | 97,9                            | 9 100                                                                     | 29 100*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,0                    | 92,6                            | 8 400                                                                     | 28 000*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 11,3                    | 84,8                            | 7 700                                                                     | 26 800*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 92,0                           |

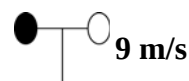
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 60,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 47,2                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 47,2                  |
| 48,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 59,8                 | 123,9                  | 11 300                                                     | 41 500                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 57,6                 | 122,7                  | 10 400                                                     | 39 800                         |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 55,3                 | 121,3                  | 9 600                                                      | 38 200                         |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 52,9                 | 119,8                  | 8 800                                                      | 36 600                         |                      |                        |                                                            |                                |                      |                        |                                | 58,0                  |
| 60,0                  | 50,4                 | 118,2                  | 8 100                                                      | 35 200                         |                      |                        |                                                            |                                |                      |                        |                                | 60,0                  |
| 62,0                  | 47,9                 | 116,4                  | 7 400                                                      | 33 900                         | 55,3                 | 119,3                  | 2 800                                                      | 29 900                         |                      |                        |                                | 62,0                  |
| 64,0                  | 45,2                 | 114,4                  | 6 800                                                      | 32 600                         | 52,9                 | 117,8                  | 2 400                                                      | 28 800                         |                      |                        |                                | 64,0                  |
| 66,0                  | 42,4                 | 112,3                  | 6 200                                                      | 31 400                         | 50,4                 | 116,2                  | 1 900                                                      | 27 700                         |                      |                        |                                | 66,0                  |
| 68,0                  | 39,4                 | 109,9                  | 5 600                                                      | 30 300                         | 47,9                 | 114,4                  | 1 500                                                      | 26 600                         |                      |                        |                                | 68,0                  |
| 70,0                  | 36,3                 | 107,3                  | 5 100                                                      | 29 200                         | 45,2                 | 112,5                  | 1 100                                                      | 25 600                         |                      |                        |                                | 70,0                  |
| 72,0                  | 32,8                 | 104,3                  | 4 500                                                      | 28 000                         | 42,4                 | 110,3                  |                                                            | 24 700                         | 50,2                 | 113,5                  | 21 400                         | 72,0                  |
| 74,0                  | 29,0                 | 100,9                  | 4 000                                                      | 26 900                         | 39,4                 | 108,0                  |                                                            | 23 700                         | 47,6                 | 111,7                  | 20 600                         | 74,0                  |
| 76,0                  | 24,7                 | 96,8                   | 3 500                                                      | 25 800                         | 36,3                 | 105,3                  |                                                            | 22 700                         | 44,9                 | 109,8                  | 19 700                         | 76,0                  |
| 78,0                  | 19,4                 | 91,7                   | 3 100                                                      | 24 800                         | 32,8                 | 102,3                  |                                                            | 21 800                         | 42,1                 | 107,6                  | 18 900                         | 78,0                  |
| 80,0                  | 12,0                 | 84,2                   | 2 600                                                      | 23 700                         | 29,0                 | 98,9                   |                                                            | 20 900                         | 39,2                 | 105,2                  | 18 100*                        | 80,0                  |
| 82,0                  |                      |                        |                                                            |                                | 24,7                 | 94,8                   |                                                            | 20 100                         | 36,0                 | 102,6                  | 17 300*                        | 82,0                  |
| 84,0                  |                      |                        |                                                            |                                | 19,5                 | 89,7                   |                                                            | 19 300                         | 32,5                 | 99,5                   | 16 500*                        | 84,0                  |
| 86,0                  |                      |                        |                                                            |                                | 12,1                 | 82,2                   |                                                            | 18 500                         | 28,7                 | 96,0                   | 15 800*                        | 86,0                  |
| 88,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 24,3                 | 91,9                   | 15 100*                        | 88,0                  |
| 90,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 18,9                 | 86,6                   | 14 400*                        | 90,0                  |
| 92,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 11,1                 | 78,7                   | 13 700*                        | 92,0                  |

# Liftcrane Luffing Jib Capacities

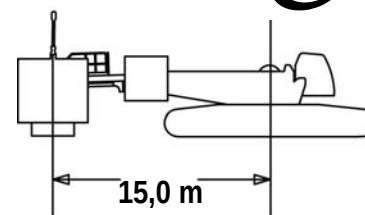
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

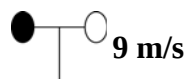
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 50,3                           | 50,3                    | 125,1                           | 24 400                                                                    | 27 400*                                 | 54,4                    | 127,7                           | 20 700                                                                    | 35 100*                                 | 58,4                    | 129,6                           | 17 100                                                                    | 42 600*                                 | 50,3                           |
| 52,0                           | 48,3                    | 123,6                           | 23 000                                                                    | 26 300*                                 | 52,6                    | 126,4                           | 19 600                                                                    | 33 700*                                 | 56,6                    | 128,5                           | 16 100                                                                    | 41 400*                                 | 52,0                           |
| 54,0                           | 45,9                    | 121,7                           | 21 600                                                                    | 25 000*                                 | 50,3                    | 124,8                           | 18 300                                                                    | 32 200*                                 | 54,5                    | 127,1                           | 15 000                                                                    | 39 900*                                 | 54,0                           |
| 56,0                           | 43,4                    | 119,7                           | 20 300                                                                    | 23 800*                                 | 48,0                    | 123,0                           | 17 100                                                                    | 30 700*                                 | 52,3                    | 125,6                           | 13 900                                                                    | 38 400*                                 | 56,0                           |
| 58,0                           | 40,8                    | 117,4                           | 19 100                                                                    | 22 800*                                 | 45,6                    | 121,1                           | 16 100                                                                    | 29 300*                                 | 50,0                    | 123,9                           | 13 000                                                                    | 36 900*                                 | 58,0                           |
| 60,0                           | 38,0                    | 114,9                           | 18 000                                                                    | 21 800*                                 | 43,1                    | 119,0                           | 15 000                                                                    | 28 000*                                 | 47,7                    | 122,2                           | 12 000                                                                    | 35 400*                                 | 60,0                           |
| 62,0                           | 35,0                    | 112,1                           | 16 900                                                                    | 20 900*                                 | 40,4                    | 116,7                           | 14 100                                                                    | 26 700*                                 | 45,3                    | 120,2                           | 11 200                                                                    | 33 900*                                 | 62,0                           |
| 64,0                           | 31,8                    | 109,0                           | 15 900                                                                    | 20 100*                                 | 37,6                    | 114,2                           | 13 200                                                                    | 25 500*                                 | 42,8                    | 118,1                           | 10 400                                                                    | 32 400*                                 | 64,0                           |
| 66,0                           | 28,3                    | 105,4                           | 15 000                                                                    | 19 400*                                 | 34,7                    | 111,4                           | 12 300                                                                    | 24 400*                                 | 40,1                    | 115,8                           | 9 700                                                                     | 31 000*                                 | 66,0                           |
| 68,0                           | 24,2                    | 101,2                           | 14 100                                                                    | 18 800*                                 | 31,4                    | 108,2                           | 11 500                                                                    | 23 400*                                 | 37,3                    | 113,2                           | 9 000                                                                     | 29 600*                                 | 68,0                           |
| 70,0                           | 19,4                    | 96,1                            | 13 200                                                                    | 18 300*                                 | 27,8                    | 104,6                           | 10 800                                                                    | 22 500*                                 | 34,3                    | 110,4                           | 8 300                                                                     | 28 400*                                 | 70,0                           |
| 72,0                           | 12,9                    | 88,8                            | 12 400                                                                    | 18 200*                                 | 23,7                    | 100,3                           | 10 000                                                                    | 21 700*                                 | 31,0                    | 107,2                           | 7 600                                                                     | 27 200*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 18,8                    | 95,0                            | 9 300                                                                     | 21 100*                                 | 27,3                    | 103,5                           | 7 000                                                                     | 26 100*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 11,9                    | 87,3                            | 8 600                                                                     | 20 800*                                 | 23,2                    | 99,1                            | 6 500                                                                     | 25 100*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,1                    | 93,6                            | 5 900                                                                     | 24 300*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 10,7                    | 85,4                            | 5 300                                                                     | 22 900*                                 | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 96,0                           |

# Liftcrane Luffing Jib Capacities

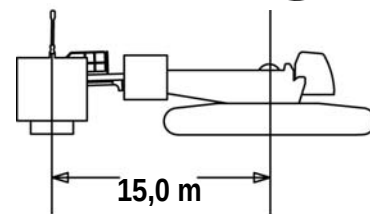
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

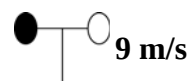
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 66,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 50,3                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 50,3                  |
| 52,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 60,8                 | 129,7                  | 9 500                                                      | 38 300                         |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 58,8                 | 128,5                  | 8 600                                                      | 36 700                         |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 56,8                 | 127,2                  | 7 900                                                      | 35 200                         |                      |                        |                                                            |                                |                      |                        |                                | 58,0                  |
| 60,0                  | 54,6                 | 125,8                  | 7 100                                                      | 33 800                         |                      |                        |                                                            |                                |                      |                        |                                | 60,0                  |
| 62,0                  | 52,5                 | 124,3                  | 6 500                                                      | 32 500                         |                      |                        |                                                            |                                |                      |                        |                                | 62,0                  |
| 64,0                  | 50,2                 | 122,6                  | 5 800                                                      | 31 300                         | 56,8                 | 125,2                  | 1 400                                                      | 27 400                         |                      |                        |                                | 64,0                  |
| 66,0                  | 47,9                 | 120,9                  | 5 300                                                      | 30 100                         | 54,6                 | 123,8                  | 900                                                        | 26 300                         |                      |                        |                                | 66,0                  |
| 68,0                  | 45,5                 | 118,9                  | 4 700                                                      | 29 000                         | 52,5                 | 122,3                  |                                                            | 25 300                         |                      |                        |                                | 68,0                  |
| 70,0                  | 43,0                 | 116,8                  | 4 200                                                      | 27 900                         | 50,2                 | 120,7                  |                                                            | 24 400                         |                      |                        |                                | 70,0                  |
| 72,0                  | 40,3                 | 114,5                  | 3 700                                                      | 26 900                         | 47,9                 | 118,9                  |                                                            | 23 400                         |                      |                        |                                | 72,0                  |
| 74,0                  | 37,5                 | 112,0                  | 3 200                                                      | 26 000                         | 45,5                 | 117,0                  |                                                            | 22 500                         |                      |                        |                                | 74,0                  |
| 76,0                  | 34,5                 | 109,2                  | 2 700                                                      | 25 000                         | 43,0                 | 114,8                  |                                                            | 21 700                         | 50,0                 | 118,0                  | 18 600                         | 76,0                  |
| 78,0                  | 31,2                 | 106,0                  | 2 300                                                      | 24 000                         | 40,3                 | 112,6                  |                                                            | 20 900                         | 47,7                 | 116,2                  | 17 800*                        | 78,0                  |
| 80,0                  | 27,6                 | 102,3                  | 1 900                                                      | 23 100                         | 37,5                 | 110,0                  |                                                            | 20 100                         | 45,2                 | 114,3                  | 17 000*                        | 80,0                  |
| 82,0                  | 23,5                 | 98,0                   | 1 500                                                      | 22 200                         | 34,5                 | 107,2                  |                                                            | 19 300                         | 42,7                 | 112,2                  | 16 200*                        | 82,0                  |
| 84,0                  | 18,5                 | 92,6                   | 1 000                                                      | 21 300                         | 31,2                 | 104,0                  |                                                            | 18 500                         | 40,1                 | 109,8                  | 15 500*                        | 84,0                  |
| 86,0                  | 11,5                 | 84,8                   |                                                            | 20 400                         | 27,6                 | 100,4                  |                                                            | 17 800                         | 37,2                 | 107,3                  | 14 800*                        | 86,0                  |
| 88,0                  |                      |                        |                                                            |                                | 23,5                 | 96,1                   |                                                            | 17 100                         | 34,2                 | 104,4                  | 14 100*                        | 88,0                  |
| 90,0                  |                      |                        |                                                            |                                | 18,5                 | 90,7                   |                                                            | 16 300                         | 30,9                 | 101,2                  | 13 500*                        | 90,0                  |
| 92,0                  |                      |                        |                                                            |                                | 11,5                 | 82,8                   |                                                            | 15 600                         | 27,3                 | 97,5                   | 12 800*                        | 92,0                  |
| 94,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 23,1                 | 93,1                   | 12 200*                        | 94,0                  |
| 96,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 18,0                 | 87,6                   | 11 600*                        | 96,0                  |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

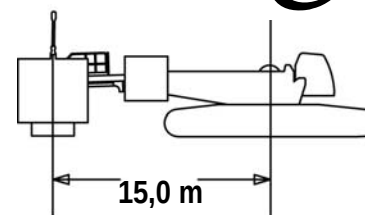
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

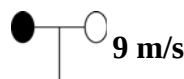
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 51,8                           | 52,6                    | 131,6                           | 22 500                                                                    | 25 200*                                 | 56,3                    | 134,0                           | 18 900                                                                    | 32 000*                                 | 59,9                    | 135,8                           | 15 300                                                                    | 36 800*                                 | 51,8                           |
| 52,0                           | 52,4                    | 131,5                           | 22 400                                                                    | 25 100*                                 | 56,2                    | 133,9                           | 18 800                                                                    | 31 900*                                 | 59,7                    | 135,6                           | 15 200                                                                    | 36 800*                                 | 52,0                           |
| 54,0                           | 50,4                    | 129,9                           | 21 000                                                                    | 23 900*                                 | 54,2                    | 132,4                           | 17 500                                                                    | 30 600*                                 | 57,8                    | 134,4                           | 14 100                                                                    | 36 700*                                 | 54,0                           |
| 56,0                           | 48,3                    | 128,1                           | 19 700                                                                    | 22 800*                                 | 52,2                    | 130,9                           | 16 400                                                                    | 29 400*                                 | 55,9                    | 133,1                           | 13 100                                                                    | 36 000*                                 | 56,0                           |
| 58,0                           | 46,1                    | 126,2                           | 18 500                                                                    | 21 800*                                 | 50,2                    | 129,2                           | 15 300                                                                    | 28 100*                                 | 54,0                    | 131,6                           | 12 100                                                                    | 34 700*                                 | 58,0                           |
| 60,0                           | 43,8                    | 124,2                           | 17 300                                                                    | 20 900*                                 | 48,0                    | 127,5                           | 14 300                                                                    | 26 900*                                 | 52,0                    | 130,1                           | 11 200                                                                    | 33 500*                                 | 60,0                           |
| 62,0                           | 41,4                    | 121,9                           | 16 300                                                                    | 20 000*                                 | 45,8                    | 125,6                           | 13 300                                                                    | 25 800*                                 | 49,9                    | 128,4                           | 10 400                                                                    | 32 300*                                 | 62,0                           |
| 64,0                           | 38,9                    | 119,5                           | 15 300                                                                    | 19 200*                                 | 43,5                    | 123,5                           | 12 400                                                                    | 24 700*                                 | 47,7                    | 126,6                           | 9 600                                                                     | 31 100*                                 | 64,0                           |
| 66,0                           | 36,3                    | 116,8                           | 14 300                                                                    | 18 400*                                 | 41,1                    | 121,2                           | 11 600                                                                    | 23 600*                                 | 45,5                    | 124,7                           | 8 900                                                                     | 29 900*                                 | 66,0                           |
| 68,0                           | 33,4                    | 113,9                           | 13 500                                                                    | 17 700*                                 | 38,6                    | 118,8                           | 10 800                                                                    | 22 600*                                 | 43,2                    | 122,6                           | 8 200                                                                     | 28 700*                                 | 68,0                           |
| 70,0                           | 30,4                    | 110,6                           | 12 600                                                                    | 17 100*                                 | 36,0                    | 116,1                           | 10 100                                                                    | 21 700*                                 | 40,8                    | 120,3                           | 7 500                                                                     | 27 500*                                 | 70,0                           |
| 72,0                           | 27,0                    | 106,9                           | 11 900                                                                    | 16 500*                                 | 33,1                    | 113,1                           | 9 400                                                                     | 20 800*                                 | 38,3                    | 117,9                           | 6 900                                                                     | 26 400*                                 | 72,0                           |
| 74,0                           | 23,1                    | 102,5                           | 11 100                                                                    | 16 100*                                 | 30,0                    | 109,8                           | 8 700                                                                     | 20 100*                                 | 35,6                    | 115,2                           | 6 300                                                                     | 25 300*                                 | 74,0                           |
| 76,0                           | 18,5                    | 97,0                            | 10 400                                                                    | 15 800*                                 | 26,6                    | 106,0                           | 8 100                                                                     | 19 400*                                 | 32,7                    | 112,1                           | 5 800                                                                     | 24 400*                                 | 76,0                           |
| 78,0                           | 12,3                    | 89,5                            | 9 600                                                                     | 15 700*                                 | 22,7                    | 101,5                           | 7 400                                                                     | 18 800*                                 | 29,6                    | 108,7                           | 5 200                                                                     | 23 400*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 17,9                    | 95,9                            | 6 800                                                                     | 18 300*                                 | 26,1                    | 104,9                           | 4 700                                                                     | 22 600*                                 | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         | 11,4                    | 87,9                            | 6 300                                                                     | 18 100*                                 | 22,1                    | 100,2                           | 4 200                                                                     | 21 800*                                 | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,2                    | 94,5                            | 3 700                                                                     | 21 200*                                 | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 10,2                    | 85,9                            | 3 200                                                                     | 19 600*                                 | 86,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 102,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

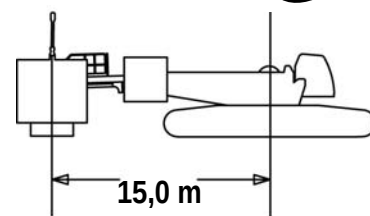
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

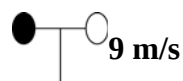
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 51,8                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 51,8                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 54,0                           |
| 56,0                           | 61,7                    | 135,4                           | 7 700                                                                     | 33 700*                                 |                         |                                 |                                         |                         |                                 |                                         | 56,0                           |
| 58,0                           | 59,9                    | 134,3                           | 6 900                                                                     | 33 700                                  |                         |                                 |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           | 58,0                    | 133,1                           | 6 200                                                                     | 32 500                                  |                         |                                 |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 56,1                    | 131,7                           | 5 600                                                                     | 31 200                                  |                         |                                 |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 54,1                    | 130,3                           | 4 900                                                                     | 29 900                                  |                         |                                 |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 52,1                    | 128,8                           | 4 300                                                                     | 28 800                                  |                         |                                 |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 50,0                    | 127,1                           | 3 800                                                                     | 27 700                                  | 56,1                    | 129,8                           | 24 000                                  |                         |                                 |                                         | 68,0                           |
| 70,0                           | 47,9                    | 125,3                           | 3 300                                                                     | 26 700                                  | 54,1                    | 128,3                           | 23 100                                  |                         |                                 |                                         | 70,0                           |
| 72,0                           | 45,7                    | 123,4                           | 2 800                                                                     | 25 700                                  | 52,1                    | 126,8                           | 22 100                                  |                         |                                 |                                         | 72,0                           |
| 74,0                           | 43,4                    | 121,3                           | 2 300                                                                     | 24 700                                  | 50,0                    | 125,1                           | 21 300                                  |                         |                                 |                                         | 74,0                           |
| 76,0                           | 41,0                    | 119,1                           | 1 900                                                                     | 23 900                                  | 47,9                    | 123,4                           | 20 500                                  |                         |                                 |                                         | 76,0                           |
| 78,0                           | 38,5                    | 116,6                           | 1 500                                                                     | 23 000                                  | 45,7                    | 121,4                           | 19 700                                  | 51,9                    | 124,1                           | 16 600                                  | 78,0                           |
| 80,0                           | 35,8                    | 113,9                           | 1 100                                                                     | 22 200                                  | 43,4                    | 119,4                           | 19 000                                  | 49,9                    | 122,5                           | 15 900                                  | 80,0                           |
| 82,0                           | 33,0                    | 110,9                           | 700                                                                       | 21 400                                  | 41,0                    | 117,1                           | 18 300                                  | 47,7                    | 120,7                           | 15 200*                                 | 82,0                           |
| 84,0                           | 29,8                    | 107,6                           |                                                                           | 20 600                                  | 38,5                    | 114,7                           | 17 600                                  | 45,5                    | 118,8                           | 14 400*                                 | 84,0                           |
| 86,0                           | 26,4                    | 103,7                           |                                                                           | 19 800                                  | 35,8                    | 111,9                           | 16 900                                  | 43,2                    | 116,7                           | 13 700*                                 | 86,0                           |
| 88,0                           | 22,5                    | 99,2                            |                                                                           | 19 000                                  | 33,0                    | 109,0                           | 16 300*                                 | 40,8                    | 114,4                           | 13 100*                                 | 88,0                           |
| 90,0                           | 17,7                    | 93,5                            |                                                                           | 18 200                                  | 29,9                    | 105,6                           | 15 500*                                 | 38,3                    | 111,9                           | 12 400*                                 | 90,0                           |
| 92,0                           | 10,9                    | 85,3                            |                                                                           | 17 500                                  | 26,4                    | 101,8                           | 14 900*                                 | 35,6                    | 109,2                           | 11 800*                                 | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         | 22,5                    | 97,2                            | 14 200*                                 | 32,7                    | 106,2                           | 11 300*                                 | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         | 17,7                    | 91,6                            | 13 600*                                 | 29,5                    | 102,8                           | 10 700*                                 | 96,0                           |
| 98,0                           |                         |                                 |                                                                           |                                         | 11,0                    | 83,4                            | 12 900*                                 | 26,1                    | 98,9                            | 10 200*                                 | 98,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 22,1                    | 94,3                            | 9 600*                                  | 100,0                          |
| 102,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 17,2                    | 88,4                            | 9 100*                                  | 102,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

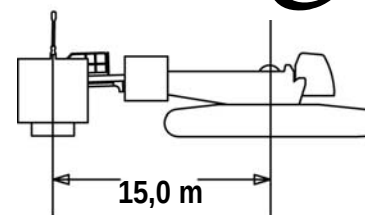
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

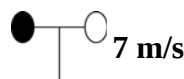
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                                 |                                                                           |                                         | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 54,9                           | 53,2                    | 136,9                           | 19 800                                                                    | 22 300*                                 | 56,6                    | 139,1                           | 16 300                                                                    | 28 200*                                 | 59,8                    | 140,9                           | 12 900                                                                    | 31 700*                                 | 54,9                           |
| 56,0                           | 52,1                    | 136,0                           | 19 000                                                                    | 21 700*                                 | 55,6                    | 138,4                           | 15 700                                                                    | 27 600*                                 | 58,9                    | 140,2                           | 12 300                                                                    | 31 700*                                 | 56,0                           |
| 58,0                           | 50,2                    | 134,3                           | 17 800                                                                    | 20 800*                                 | 53,8                    | 136,9                           | 14 600                                                                    | 26 600*                                 | 57,1                    | 139,0                           | 11 400                                                                    | 31 700*                                 | 58,0                           |
| 60,0                           | 48,3                    | 132,6                           | 16 700                                                                    | 19 900*                                 | 51,9                    | 135,4                           | 13 600                                                                    | 25 600*                                 | 55,4                    | 137,6                           | 10 500                                                                    | 31 300*                                 | 60,0                           |
| 62,0                           | 46,2                    | 130,7                           | 15 700                                                                    | 19 100*                                 | 50,0                    | 133,7                           | 12 700                                                                    | 24 600*                                 | 53,5                    | 136,1                           | 9 700                                                                     | 30 300*                                 | 62,0                           |
| 64,0                           | 44,2                    | 128,7                           | 14 700                                                                    | 18 300*                                 | 48,0                    | 131,9                           | 11 800                                                                    | 23 600*                                 | 51,7                    | 134,6                           | 8 900                                                                     | 29 300*                                 | 64,0                           |
| 66,0                           | 42,0                    | 126,5                           | 13 800                                                                    | 17 600*                                 | 46,0                    | 130,1                           | 11 000                                                                    | 22 600*                                 | 49,8                    | 132,9                           | 8 200                                                                     | 28 300*                                 | 66,0                           |
| 68,0                           | 39,7                    | 124,1                           | 12 900                                                                    | 16 900*                                 | 43,9                    | 128,0                           | 10 200                                                                    | 21 800*                                 | 47,8                    | 131,1                           | 7 500                                                                     | 27 300*                                 | 68,0                           |
| 70,0                           | 37,3                    | 121,6                           | 12 100                                                                    | 16 300*                                 | 41,7                    | 125,8                           | 9 500                                                                     | 20 900*                                 | 45,7                    | 129,2                           | 6 800                                                                     | 26 400*                                 | 70,0                           |
| 72,0                           | 34,8                    | 118,7                           | 11 300                                                                    | 15 700*                                 | 39,4                    | 123,4                           | 8 800                                                                     | 20 100*                                 | 43,6                    | 127,1                           | 6 200                                                                     | 25 400*                                 | 72,0                           |
| 74,0                           | 32,1                    | 115,6                           | 10 600                                                                    | 15 100*                                 | 37,0                    | 120,8                           | 8 100                                                                     | 19 300*                                 | 41,4                    | 124,9                           | 5 600                                                                     | 24 400*                                 | 74,0                           |
| 76,0                           | 29,1                    | 112,2                           | 9 900                                                                     | 14 700*                                 | 34,5                    | 118,0                           | 7 500                                                                     | 18 600*                                 | 39,1                    | 122,5                           | 5 100                                                                     | 23 500*                                 | 76,0                           |
| 78,0                           | 25,9                    | 108,2                           | 9 200                                                                     | 14 300*                                 | 31,8                    | 114,9                           | 6 900                                                                     | 17 900*                                 | 36,7                    | 119,9                           | 4 600                                                                     | 22 600*                                 | 78,0                           |
| 80,0                           | 22,2                    | 103,6                           | 8 500                                                                     | 13 900*                                 | 28,8                    | 111,3                           | 6 300                                                                     | 17 300*                                 | 34,1                    | 117,0                           | 4 100                                                                     | 21 800*                                 | 80,0                           |
| 82,0                           | 17,8                    | 98,0                            | 7 900                                                                     | 13 700*                                 | 25,5                    | 107,3                           | 5 700                                                                     | 16 800*                                 | 31,4                    | 113,8                           | 3 600                                                                     | 21 000*                                 | 82,0                           |
| 84,0                           | 11,8                    | 90,1                            | 7 300                                                                     | 13 600*                                 | 21,7                    | 102,7                           | 5 200                                                                     | 16 300*                                 | 28,4                    | 110,3                           | 3 100                                                                     | 20 300*                                 | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         | 17,2                    | 96,8                            | 4 700                                                                     | 16 000*                                 | 25,1                    | 106,2                           | 2 700                                                                     | 19 600*                                 | 86,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         | 10,9                    | 88,5                            | 4 200                                                                     | 15 500*                                 | 21,2                    | 101,4                           | 2 300                                                                     | 19 100*                                 | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,5                    | 95,3                            | 1 800                                                                     | 18 500*                                 | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 9,8                     | 86,4                            | 1 400                                                                     | 16 100*                                 | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 104,0                          |
| 106,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 106,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 108,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

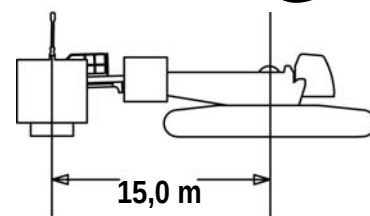
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

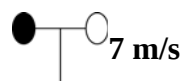
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 54,9                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 54,9                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 56,0                           |
| 58,0                           | 62,4                    | 141,2                           | 6 100                                                                     | 29 000*                                 |                         |                                 |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           | 60,7                    | 140,1                           | 5 400                                                                     | 29 000*                                 |                         |                                 |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 59,0                    | 138,9                           | 4 700                                                                     | 29 000*                                 |                         |                                 |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 57,3                    | 137,6                           | 4 100                                                                     | 28 800                                  |                         |                                 |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 55,5                    | 136,2                           | 3 500                                                                     | 27 700                                  |                         |                                 |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 53,7                    | 134,8                           | 3 000                                                                     | 26 600                                  |                         |                                 |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 51,8                    | 133,2                           | 2 500                                                                     | 25 500                                  |                         |                                 |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 49,9                    | 131,6                           | 2 000                                                                     | 24 600                                  | 55,5                    | 134,3                           | 21 100                                  |                         |                                 |                                         | 72,0                           |
| 74,0                           | 47,9                    | 129,8                           | 1 600                                                                     | 23 700                                  | 53,7                    | 132,8                           | 20 200                                  |                         |                                 |                                         | 74,0                           |
| 76,0                           | 45,9                    | 127,9                           | 1 100                                                                     | 22 800                                  | 51,8                    | 131,3                           | 19 400                                  |                         |                                 |                                         | 76,0                           |
| 78,0                           | 43,8                    | 125,8                           |                                                                           | 21 900                                  | 49,9                    | 129,6                           | 18 600                                  |                         |                                 |                                         | 78,0                           |
| 80,0                           | 41,6                    | 123,6                           |                                                                           | 21 200                                  | 47,9                    | 127,8                           | 17 900                                  |                         |                                 |                                         | 80,0                           |
| 82,0                           | 39,3                    | 121,2                           |                                                                           | 20 400                                  | 45,9                    | 125,9                           | 17 200                                  | 51,6                    | 128,6                           | 14 200                                  | 82,0                           |
| 84,0                           | 36,9                    | 118,6                           |                                                                           | 19 700                                  | 43,8                    | 123,9                           | 16 500                                  | 49,7                    | 127,0                           | 13 500*                                 | 84,0                           |
| 86,0                           | 34,4                    | 115,8                           |                                                                           | 19 000                                  | 41,6                    | 121,7                           | 15 900                                  | 47,8                    | 125,2                           | 12 800*                                 | 86,0                           |
| 88,0                           | 31,6                    | 112,6                           |                                                                           | 18 300                                  | 39,3                    | 119,3                           | 15 300                                  | 45,7                    | 123,2                           | 12 200*                                 | 88,0                           |
| 90,0                           | 28,6                    | 109,1                           |                                                                           | 17 700                                  | 36,9                    | 116,7                           | 14 700                                  | 43,6                    | 121,2                           | 11 600*                                 | 90,0                           |
| 92,0                           | 25,3                    | 105,1                           |                                                                           | 17 000                                  | 34,4                    | 113,8                           | 14 100*                                 | 41,4                    | 118,9                           | 11 000*                                 | 92,0                           |
| 94,0                           | 21,5                    | 100,3                           |                                                                           | 16 300                                  | 31,6                    | 110,7                           | 13 400*                                 | 39,1                    | 116,5                           | 10 400*                                 | 94,0                           |
| 96,0                           | 17,0                    | 94,4                            |                                                                           | 15 600                                  | 28,6                    | 107,1                           | 12 800*                                 | 36,7                    | 113,9                           | 9 800*                                  | 96,0                           |
| 98,0                           | 10,5                    | 85,8                            |                                                                           | 14 900                                  | 25,3                    | 103,1                           | 12 200*                                 | 34,1                    | 111,0                           | 9 300*                                  | 98,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         | 21,6                    | 98,4                            | 11 600*                                 | 31,3                    | 107,9                           | 8 800*                                  | 100,0                          |
| 102,0                          |                         |                                 |                                                                           |                                         | 17,0                    | 92,4                            | 11 000*                                 | 28,3                    | 104,3                           | 8 300*                                  | 102,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 10,5                    | 83,9                            | 10 500*                                 | 25,0                    | 100,2                           | 7 800*                                  | 104,0                          |
| 106,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 21,2                    | 95,4                            | 7 400*                                  | 106,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 16,5                    | 89,3                            | 6 900*                                  | 108,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

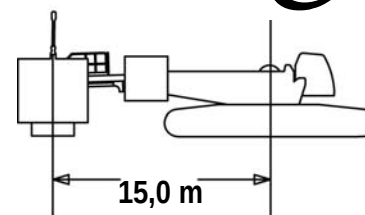
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

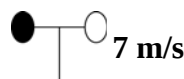
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 56,4                           | 54,9                    | 143,2                    | 18 000                                                                    | 20 300*                                 | 58,0                    | 145,3                    | 14 600                                                                    | 25 500*                                 | 61,0                    | 147,0                    | 11 200                                                                    | 26 900*                                 | 56,4                           |
| 58,0                           | 53,6                    | 142,0                    | 17 100                                                                    | 19 700*                                 | 56,7                    | 144,3                    | 13 800                                                                    | 24 800*                                 | 59,8                    | 146,0                    | 10 500                                                                    | 26 900*                                 | 58,0                           |
| 60,0                           | 51,8                    | 140,5                    | 16 000                                                                    | 18 900*                                 | 55,1                    | 142,9                    | 12 800                                                                    | 24 000*                                 | 58,2                    | 144,8                    | 9 600                                                                     | 26 800*                                 | 60,0                           |
| 62,0                           | 50,1                    | 138,8                    | 14 900                                                                    | 18 200*                                 | 53,4                    | 141,4                    | 11 800                                                                    | 23 100*                                 | 56,5                    | 143,5                    | 8 800                                                                     | 26 800*                                 | 62,0                           |
| 64,0                           | 48,3                    | 137,0                    | 13 900                                                                    | 17 500*                                 | 51,6                    | 139,9                    | 11 000                                                                    | 22 400*                                 | 54,9                    | 142,1                    | 8 000                                                                     | 26 700*                                 | 64,0                           |
| 66,0                           | 46,4                    | 135,2                    | 13 000                                                                    | 16 800*                                 | 49,9                    | 138,2                    | 10 200                                                                    | 21 500*                                 | 53,2                    | 140,6                    | 7 300                                                                     | 26 400*                                 | 66,0                           |
| 68,0                           | 44,5                    | 133,1                    | 12 200                                                                    | 16 100*                                 | 48,0                    | 136,4                    | 9 400                                                                     | 20 800*                                 | 51,4                    | 139,1                    | 6 600                                                                     | 25 600*                                 | 68,0                           |
| 70,0                           | 42,5                    | 131,0                    | 11 300                                                                    | 15 500*                                 | 46,2                    | 134,5                    | 8 600                                                                     | 20 000*                                 | 49,6                    | 137,4                    | 6 000                                                                     | 24 800*                                 | 70,0                           |
| 72,0                           | 40,4                    | 128,7                    | 10 600                                                                    | 15 000*                                 | 44,2                    | 132,5                    | 7 900                                                                     | 19 300*                                 | 47,8                    | 135,6                    | 5 400                                                                     | 24 100*                                 | 72,0                           |
| 74,0                           | 38,2                    | 126,2                    | 9 900                                                                     | 14 400*                                 | 42,2                    | 130,3                    | 7 300                                                                     | 18 600*                                 | 45,9                    | 133,7                    | 4 800                                                                     | 23 300*                                 | 74,0                           |
| 76,0                           | 35,9                    | 123,5                    | 9 100                                                                     | 13 900*                                 | 40,1                    | 128,0                    | 6 700                                                                     | 17 900*                                 | 44,0                    | 131,6                    | 4 200                                                                     | 22 500*                                 | 76,0                           |
| 78,0                           | 33,5                    | 120,6                    | 8 500                                                                     | 13 500*                                 | 37,9                    | 125,5                    | 6 100                                                                     | 17 200*                                 | 42,0                    | 129,4                    | 3 700                                                                     | 21 800*                                 | 78,0                           |
| 80,0                           | 30,9                    | 117,3                    | 7 900                                                                     | 13 100*                                 | 35,6                    | 122,8                    | 5 600                                                                     | 16 600*                                 | 39,8                    | 127,1                    | 3 200                                                                     | 21 000*                                 | 80,0                           |
| 82,0                           | 28,0                    | 113,7                    | 7 200                                                                     | 12 700*                                 | 33,2                    | 119,8                    | 5 000                                                                     | 16 000*                                 | 37,6                    | 124,6                    | 2 800                                                                     | 20 300*                                 | 82,0                           |
| 84,0                           | 24,9                    | 109,6                    | 6 700                                                                     | 12 400*                                 | 30,5                    | 116,5                    | 4 500                                                                     | 15 600*                                 | 35,3                    | 121,8                    | 2 300                                                                     | 19 600*                                 | 84,0                           |
| 86,0                           | 21,4                    | 104,8                    | 6 100                                                                     | 12 100*                                 | 27,7                    | 112,8                    | 4 000                                                                     | 15 100*                                 | 32,8                    | 118,8                    | 1 900                                                                     | 19 000*                                 | 86,0                           |
| 88,0                           | 17,1                    | 98,8                     | 5 600                                                                     | 12 000*                                 | 24,5                    | 108,6                    | 3 500                                                                     | 14 700*                                 | 30,2                    | 115,4                    | 1 500                                                                     | 18 300*                                 | 88,0                           |
| 90,0                           | 11,3                    | 90,6                     | 5 100                                                                     | 11 900*                                 | 20,9                    | 103,7                    | 3 100                                                                     | 14 300*                                 | 27,3                    | 111,7                    | 1 100                                                                     | 17 800*                                 | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         | 16,6                    | 97,7                     | 2 600                                                                     | 14 100*                                 | 24,1                    | 107,5                    |                                                                           | 17 200*                                 | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         | 10,5                    | 89,0                     | 2 200                                                                     | 12 900*                                 | 20,4                    | 102,4                    |                                                                           | 16 400*                                 | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 15,9                    | 96,1                     |                                                                           | 15 500*                                 | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 104,0                          |
| 106,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 106,0                          |
| 108,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 108,0                          |
| 110,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 110,0                          |
| 112,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 112,0                          |
| 114,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 114,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

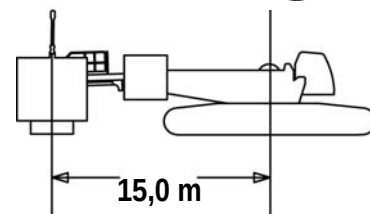
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

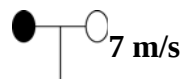
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 56,4                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 56,4                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 61,4                    | 145,8                           | 3 700                                                                     | 24 600*                                 |                         |                                 |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 59,9                    | 144,7                           | 3 100                                                                     | 24 600*                                 |                         |                                 |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 58,3                    | 143,5                           | 2 600                                                                     | 24 600*                                 |                         |                                 |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 56,6                    | 142,2                           | 2 000                                                                     | 24 600*                                 |                         |                                 |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 55,0                    | 140,8                           | 1 500                                                                     | 24 200                                  |                         |                                 |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 53,3                    | 139,3                           | 1 000                                                                     | 23 300                                  |                         |                                 |                                         |                         |                                 |                                         | 72,0                           |
| 74,0                           | 51,6                    | 137,7                           |                                                                           | 22 400                                  | 56,7                    | 140,2                           | 18 900                                  |                         |                                 |                                         | 74,0                           |
| 76,0                           | 49,8                    | 136,1                           |                                                                           | 21 500                                  | 55,0                    | 138,8                           | 18 100                                  |                         |                                 |                                         | 76,0                           |
| 78,0                           | 48,0                    | 134,3                           |                                                                           | 20 700                                  | 53,3                    | 137,3                           | 17 400                                  |                         |                                 |                                         | 78,0                           |
| 80,0                           | 46,1                    | 132,4                           |                                                                           | 19 900                                  | 51,6                    | 135,8                           | 16 700                                  |                         |                                 |                                         | 80,0                           |
| 82,0                           | 44,1                    | 130,4                           |                                                                           | 19 200                                  | 49,8                    | 134,1                           | 16 000                                  |                         |                                 |                                         | 82,0                           |
| 84,0                           | 42,1                    | 128,2                           |                                                                           | 18 400                                  | 48,0                    | 132,3                           | 15 300                                  |                         |                                 |                                         | 84,0                           |
| 86,0                           | 40,0                    | 125,8                           |                                                                           | 17 800                                  | 46,1                    | 130,4                           | 14 700                                  | 51,4                    | 133,1                           | 11 700*                                 | 86,0                           |
| 88,0                           | 37,8                    | 123,3                           |                                                                           | 17 100                                  | 44,1                    | 128,4                           | 14 100                                  | 49,6                    | 131,4                           | 11 100*                                 | 88,0                           |
| 90,0                           | 35,5                    | 120,6                           |                                                                           | 16 500                                  | 42,1                    | 126,2                           | 13 500                                  | 47,8                    | 129,6                           | 10 400*                                 | 90,0                           |
| 92,0                           | 33,0                    | 117,6                           |                                                                           | 15 900                                  | 40,0                    | 123,9                           | 12 900                                  | 45,9                    | 127,7                           | 9 900*                                  | 92,0                           |
| 94,0                           | 30,4                    | 114,3                           |                                                                           | 15 300                                  | 37,8                    | 121,3                           | 12 400                                  | 43,9                    | 125,7                           | 9 300*                                  | 94,0                           |
| 96,0                           | 27,5                    | 110,6                           |                                                                           | 14 700                                  | 35,5                    | 118,6                           | 11 800*                                 | 41,9                    | 123,5                           | 8 800*                                  | 96,0                           |
| 98,0                           | 24,4                    | 106,4                           |                                                                           | 14 200                                  | 33,1                    | 115,6                           | 11 200*                                 | 39,8                    | 121,1                           | 8 300*                                  | 98,0                           |
| 100,0                          | 20,7                    | 101,4                           |                                                                           | 13 600*                                 | 30,4                    | 112,3                           | 10 600*                                 | 37,6                    | 118,6                           | 7 700*                                  | 100,0                          |
| 102,0                          | 16,3                    | 95,2                            |                                                                           | 13 000*                                 | 27,6                    | 108,6                           | 10 100*                                 | 35,3                    | 115,8                           | 7 300*                                  | 102,0                          |
| 104,0                          | 10,1                    | 86,3                            |                                                                           | 12 300*                                 | 24,4                    | 104,4                           | 9 600*                                  | 32,8                    | 112,8                           | 6 800*                                  | 104,0                          |
| 106,0                          |                         |                                 |                                                                           |                                         | 20,7                    | 99,4                            | 9 000*                                  | 30,2                    | 109,5                           | 6 300*                                  | 106,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         | 16,3                    | 93,3                            | 8 500*                                  | 27,3                    | 105,7                           | 5 900*                                  | 108,0                          |
| 110,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 24,1                    | 101,5                           | 5 500*                                  | 110,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 20,4                    | 96,4                            | 5 100*                                  | 112,0                          |
| 114,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 15,8                    | 90,1                            | 4 600*                                  | 114,0                          |

# Liftcrane Luffing Jib Capacities

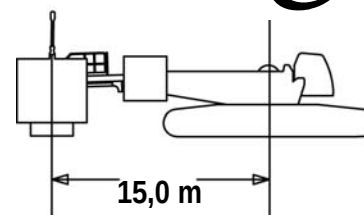
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

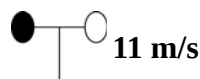
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

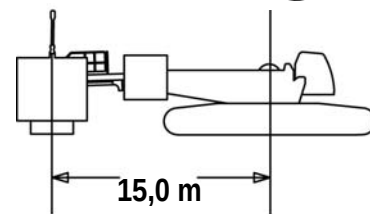
78,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 24,4                           | 48,6                    | 98,3                     | 71 600                                                                    | 79 600*                                 | 60,8                    | 101,0                    | 64 100                                                                    | 97 800*b                                |                         |                          |                                                                           |                                         | 24,4                           |
| 26,0                           | 43,0                    | 96,7                     | 66 000                                                                    | 75 300*                                 | 56,2                    | 99,9                     | 59 100                                                                    | 93 000*b                                | 67,4                    | 101,6                    | 52 100                                                                    | 101 400c                                | 26,0                           |
| 28,0                           | 35,1                    | 94,0                     | 60 000                                                                    | 70 800*                                 | 50,1                    | 98,3                     | 53 700                                                                    | 87 200*b                                | 62,0                    | 100,6                    | 47 300                                                                    | 97 700b                                 | 28,0                           |
| 30,0                           | 24,9                    | 90,3                     | 54 800                                                                    | 67 400*                                 | 43,3                    | 96,3                     | 49 100                                                                    | 81 700*                                 | 56,4                    | 99,3                     | 43 300                                                                    | 91 200b                                 | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         | 35,4                    | 93,7                     | 45 100                                                                    | 76 800*                                 | 50,2                    | 97,7                     | 39 700                                                                    | 85 800b                                 | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         | 25,4                    | 90,0                     | 41 500                                                                    | 71 400*                                 | 43,5                    | 95,7                     | 36 600                                                                    | 81 000                                  | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 35,7                    | 93,1                     | 33 800                                                                    | 76 700                                  | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 25,8                    | 89,5                     | 31 300                                                                    | 71 500*                                 | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 58,0                           |

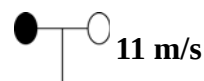
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 24,4                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,4                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 58,3                    | 98,2                     | 25 900                                                                    | 69 700b                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 52,3                    | 96,7                     | 23 900                                                                    | 66 000b                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 45,8                    | 94,9                     | 22 200                                                                    | 62 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 38,4                    | 92,5                     | 20 600                                                                    | 59 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 29,4                    | 89,3                     | 19 000                                                                    | 57 000                                  | 53,9                    | 95,0                     | 12 800                                                                    | 51 500b                                 |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         | 47,5                    | 93,3                     | 11 800                                                                    | 49 100                                  |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         | 40,4                    | 91,1                     | 10 900                                                                    | 47 000                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         | 31,9                    | 88,1                     | 10 000                                                                    | 44 800                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,5                    | 90,8                     | 4 100                                                                     | 38 300b                                 | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 41,5                    | 88,7                     | 3 600                                                                     | 36 400                                  | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 33,3                    | 85,9                     | 3 000                                                                     | 34 700                                  | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,4                    | 81,8                     | 2 500                                                                     | 33 000                                  | 58,0                           |

# Liftcrane Luffing Jib Capacities

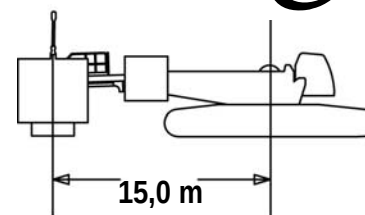
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

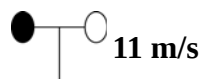
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

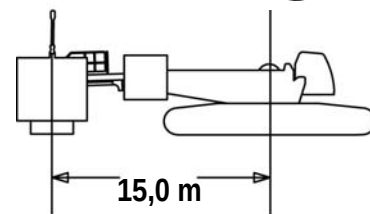
78,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 86 Degree<br>Boom Angle |                          |                                                                           |                                         | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 30,5                           | 42,7                    | 100,7                    | 53 800                                                                    | 60 100*                                 | 53,5                    | 104,1                    | 47 800                                                                    | 75 200*                                 | 62,8                    | 106,1                    | 41 800                                                                    | 87 000*b                                | 30,5                           |
| 32,0                           | 38,1                    | 98,8                     | 50 500                                                                    | 57 400*                                 | 49,7                    | 102,8                    | 44 900                                                                    | 71 700*                                 | 59,4                    | 105,2                    | 39 200                                                                    | 83 800b                                 | 32,0                           |
| 34,0                           | 31,1                    | 95,7                     | 46 700                                                                    | 54 400*                                 | 44,3                    | 100,8                    | 41 400                                                                    | 67 300*                                 | 54,8                    | 103,8                    | 36 100                                                                    | 79 100                                  | 34,0                           |
| 36,0                           | 22,1                    | 91,4                     | 43 100                                                                    | 52 200*                                 | 38,4                    | 98,4                     | 38 400                                                                    | 63 300*                                 | 49,8                    | 102,2                    | 33 500                                                                    | 74 800                                  | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         | 31,4                    | 95,4                     | 35 600                                                                    | 59 800*                                 | 44,5                    | 100,2                    | 31 000                                                                    | 71 000                                  | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         | 22,5                    | 91,2                     | 33 100                                                                    | 57 100*                                 | 38,6                    | 97,9                     | 28 900                                                                    | 67 500                                  | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 31,6                    | 94,8                     | 26 800                                                                    | 63 600*                                 | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,8                    | 90,7                     | 25 000                                                                    | 59 300*                                 | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 64,0                           |

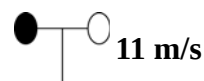
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 30,5                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,5                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 56,3                    | 102,8                    | 21 500                                                                    | 61 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 51,5                    | 101,2                    | 20 000                                                                    | 58 200                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 46,3                    | 99,4                     | 18 600                                                                    | 55 500                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 40,6                    | 97,2                     | 17 300                                                                    | 53 100                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 34,1                    | 94,4                     | 16 100                                                                    | 50 800                                  | 52,8                    | 99,5                     | 10 200                                                                    | 45 600                                  |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 26,1                    | 90,7                     | 14 900                                                                    | 48 700                                  | 47,7                    | 97,7                     | 9 400                                                                     | 43 600                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         | 42,1                    | 95,6                     | 8 600                                                                     | 41 800                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         | 35,8                    | 93,0                     | 7 900                                                                     | 40 000                                  |                         |                          |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         | 28,3                    | 89,6                     | 7 200                                                                     | 38 100                                  | 48,4                    | 95,3                     | 2 400                                                                     | 34 100                                  | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 43,0                    | 93,3                     | 2 000                                                                     | 32 400                                  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,8                    | 90,7                     | 1 500                                                                     | 31 000                                  | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 29,5                    | 87,5                     | 1 100                                                                     | 29 600                                  | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 19,8                    | 82,8                     | 700                                                                       | 28 300                                  | 64,0                           |

# Liftcrane Luffing Jib Capacities

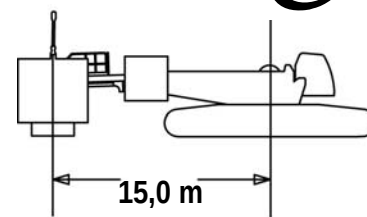
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

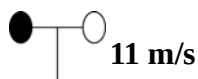
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

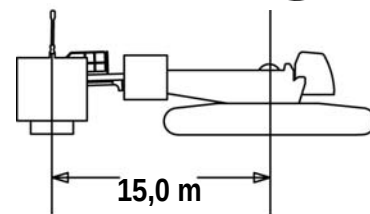
78,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 25,9                           | 68,5                    | 113,6                           | 58 200                                                                    | 76 800*b                                |                         |                                 |                                                                           |                                         | 25,9                           |
| 26,0                           | 68,4                    | 113,6                           | 57 900                                                                    | 76 700*b                                |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 64,9                    | 112,7                           | 52 600                                                                    | 74 800*b                                |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 61,2                    | 111,6                           | 48 100                                                                    | 70 900*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 57,5                    | 110,4                           | 44 200                                                                    | 67 100*                                 | 65,0                    | 112,1                           | 38 300                                                                    | 76 000*b                                | 32,0                           |
| 34,0                           | 53,6                    | 108,9                           | 40 800                                                                    | 63 300*                                 | 61,3                    | 111,0                           | 35 300                                                                    | 75 300*                                 | 34,0                           |
| 36,0                           | 49,4                    | 107,3                           | 37 800                                                                    | 59 600*                                 | 57,6                    | 109,8                           | 32 600                                                                    | 72 800*                                 | 36,0                           |
| 38,0                           | 45,0                    | 105,3                           | 35 100                                                                    | 56 100*                                 | 53,7                    | 108,3                           | 30 200                                                                    | 69 000*                                 | 38,0                           |
| 40,0                           | 40,2                    | 103,1                           | 32 700                                                                    | 52 900*                                 | 49,6                    | 106,7                           | 28 100                                                                    | 65 400*                                 | 40,0                           |
| 42,0                           | 34,8                    | 100,3                           | 30 500                                                                    | 50 000*                                 | 45,1                    | 104,7                           | 26 200                                                                    | 61 900*                                 | 42,0                           |
| 44,0                           | 28,5                    | 96,9                            | 28 400                                                                    | 47 600*                                 | 40,3                    | 102,5                           | 24 400                                                                    | 58 500*                                 | 44,0                           |
| 46,0                           | 20,4                    | 92,3                            | 26 600                                                                    | 45 700*                                 | 35,0                    | 99,8                            | 22 800                                                                    | 55 400*                                 | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 28,7                    | 96,4                            | 21 300                                                                    | 52 600*                                 | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 20,7                    | 91,8                            | 19 900                                                                    | 50 000*                                 | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |

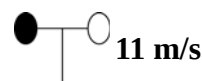
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 36,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 25,9                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 25,9                  |
| 26,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 26,0                  |
| 28,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 28,0                  |
| 30,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 30,0                  |
| 32,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 32,0                  |
| 34,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 34,0                  |
| 36,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 36,0                  |
| 38,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,0                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  | 58,9                 | 108,6                  | 19 000                                                     | 56 400                         |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  | 55,0                 | 107,3                  | 17 600                                                     | 53 700                         |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  | 51,0                 | 105,7                  | 16 400                                                     | 51 300                         |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  | 46,6                 | 103,9                  | 15 200                                                     | 49 100                         |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 42,0                 | 101,7                  | 14 200                                                     | 47 000                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 36,8                 | 99,2                   | 13 200                                                     | 45 100                         | 52,0                 | 104,0                  | 7 600                                                      | 40 200                         |                      |                        |                                | 52,0                  |
| 54,0                  | 30,9                 | 96,0                   | 12 200                                                     | 43 300                         | 47,8                 | 102,2                  | 6 900                                                      | 38 600                         |                      |                        |                                | 54,0                  |
| 56,0                  | 23,7                 | 91,9                   | 11 300                                                     | 41 500                         | 43,2                 | 100,2                  | 6 300                                                      | 37 000                         |                      |                        |                                | 56,0                  |
| 58,0                  |                      |                        |                                                            |                                | 38,2                 | 97,7                   | 5 700                                                      | 35 600                         | 52,6                 | 101,5                  | 31 400                         | 58,0                  |
| 60,0                  |                      |                        |                                                            |                                | 32,5                 | 94,8                   | 5 100                                                      | 33 900                         | 48,4                 | 99,8                   | 30 000                         | 60,0                  |
| 62,0                  |                      |                        |                                                            |                                | 25,7                 | 91,0                   | 4 500                                                      | 32 400                         | 43,9                 | 97,8                   | 28 700                         | 62,0                  |
| 64,0                  |                      |                        |                                                            |                                | 16,2                 | 85,4                   | 3 900                                                      | 31 000                         | 39,0                 | 95,4                   | 27 400                         | 64,0                  |
| 66,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 33,4                 | 92,6                   | 26 300                         | 66,0                  |
| 68,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 26,8                 | 88,9                   | 25 100                         | 68,0                  |
| 70,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 17,9                 | 83,7                   | 24 000                         | 70,0                  |

# Liftcrane Luffing Jib Capacities

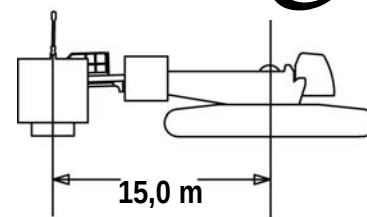
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

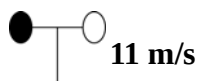
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

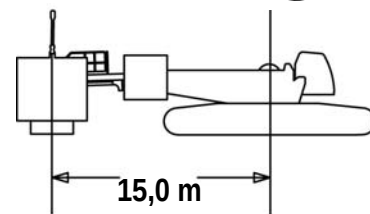
78,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 27,4                           | 69,5                    | 119,5                           | 53 500                                                                    | 67 300*b                                |                         |                                 |                                                                           |                                         | 27,4                           |
| 28,0                           | 68,7                    | 119,3                           | 52 100                                                                    | 67 200*b                                |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 65,7                    | 118,4                           | 47 600                                                                    | 65 600*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 62,6                    | 117,4                           | 43 600                                                                    | 62 500*                                 |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 59,5                    | 116,2                           | 40 200                                                                    | 59 400*                                 | 65,8                    | 117,8                           | 34 600                                                                    | 66 300*                                 | 34,0                           |
| 36,0                           | 56,2                    | 114,9                           | 37 200                                                                    | 56 400*                                 | 62,7                    | 116,8                           | 31 900                                                                    | 66 100*                                 | 36,0                           |
| 38,0                           | 52,8                    | 113,4                           | 34 500                                                                    | 53 300*                                 | 59,6                    | 115,6                           | 29 600                                                                    | 64 600*                                 | 38,0                           |
| 40,0                           | 49,3                    | 111,7                           | 32 200                                                                    | 50 300*                                 | 56,3                    | 114,3                           | 27 500                                                                    | 61 700*                                 | 40,0                           |
| 42,0                           | 45,5                    | 109,8                           | 30 000                                                                    | 47 600*                                 | 52,9                    | 112,8                           | 25 600                                                                    | 58 800*                                 | 42,0                           |
| 44,0                           | 41,4                    | 107,6                           | 28 000                                                                    | 45 000*                                 | 49,4                    | 111,1                           | 23 800                                                                    | 55 900*                                 | 44,0                           |
| 46,0                           | 37,0                    | 105,1                           | 26 200                                                                    | 42 500*                                 | 45,6                    | 109,2                           | 22 300                                                                    | 53 000*                                 | 46,0                           |
| 48,0                           | 32,1                    | 102,1                           | 24 600                                                                    | 40 500*                                 | 41,6                    | 107,1                           | 20 800                                                                    | 50 200*                                 | 48,0                           |
| 50,0                           | 26,3                    | 98,3                            | 23 100                                                                    | 38 700*                                 | 37,1                    | 104,5                           | 19 500                                                                    | 47 600*                                 | 50,0                           |
| 52,0                           | 18,8                    | 93,2                            | 21 600                                                                    | 37 300*                                 | 32,2                    | 101,5                           | 18 300                                                                    | 45 300*                                 | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 26,5                    | 97,8                            | 17 100                                                                    | 43 200*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 19,1                    | 92,8                            | 16 000                                                                    | 41 500*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |

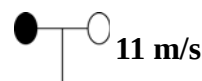
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 42,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 27,4                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 27,4                  |
| 28,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 28,0                  |
| 30,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 30,0                  |
| 32,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 32,0                  |
| 34,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 34,0                  |
| 36,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 36,0                  |
| 38,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,0                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  | 60,6                 | 114,4                  | 16 900                                                     | 52 200                         |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  | 57,4                 | 113,2                  | 15 600                                                     | 49 900                         |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  | 54,1                 | 111,8                  | 14 500                                                     | 47 700                         |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 50,6                 | 110,2                  | 13 400                                                     | 45 600                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 46,9                 | 108,3                  | 12 500                                                     | 43 800                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 42,9                 | 106,2                  | 11 600                                                     | 42 000                         | 54,9                 | 110,0                  | 6 100                                                      | 37 300                         |                      |                        |                                | 54,0                  |
| 56,0                  | 38,7                 | 103,8                  | 10 800                                                     | 40 400                         | 51,5                 | 108,4                  | 5 500                                                      | 35 800                         |                      |                        |                                | 56,0                  |
| 58,0                  | 33,9                 | 101,0                  | 10 000                                                     | 38 800                         | 47,8                 | 106,7                  | 4 900                                                      | 34 400                         |                      |                        |                                | 58,0                  |
| 60,0                  | 28,5                 | 97,6                   | 9 200                                                      | 37 400                         | 44,0                 | 104,7                  | 4 400                                                      | 33 100                         |                      |                        |                                | 60,0                  |
| 62,0                  | 21,8                 | 93,1                   | 8 500                                                      | 35 800                         | 39,8                 | 102,3                  | 3 900                                                      | 31 800                         |                      |                        |                                | 62,0                  |
| 64,0                  | 11,7                 | 86,0                   | 7 800                                                      | 34 200                         | 35,2                 | 99,6                   | 3 400                                                      | 30 500                         | 48,4                 | 104,3                  | 26 700                         | 64,0                  |
| 66,0                  |                      |                        |                                                            |                                | 30,0                 | 96,4                   | 2 900                                                      | 29 200                         | 44,5                 | 102,3                  | 25 600                         | 66,0                  |
| 68,0                  |                      |                        |                                                            |                                | 23,7                 | 92,2                   | 2 400                                                      | 27 900                         | 40,4                 | 100,0                  | 24 500                         | 68,0                  |
| 70,0                  |                      |                        |                                                            |                                | 14,9                 | 86,2                   | 2 000                                                      | 26 700                         | 35,9                 | 97,4                   | 23 500                         | 70,0                  |
| 72,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 30,8                 | 94,2                   | 22 400                         | 72,0                  |
| 74,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 24,7                 | 90,2                   | 21 500                         | 74,0                  |
| 76,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 16,5                 | 84,6                   | 20 600                         | 76,0                  |

# Liftcrane Luffing Jib Capacities

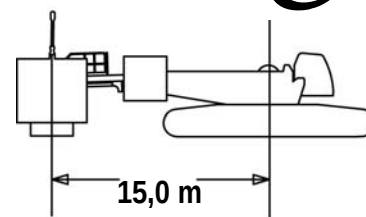
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

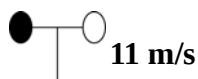
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

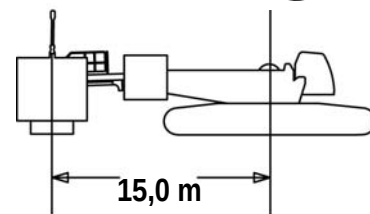
78,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 29,0                           | 70,2                    | 125,3                           | 49 000                                                                    | 58 600*                                 |                         |                                 |                                                                           |                                         | 29,0                           |
| 30,0                           | 68,9                    | 124,9                           | 46 800                                                                    | 58 600*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 66,3                    | 124,1                           | 42 900                                                                    | 57 500*                                 |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 63,7                    | 123,1                           | 39 500                                                                    | 55 200*                                 |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 60,9                    | 122,0                           | 36 400                                                                    | 52 700*                                 | 66,4                    | 123,4                           | 31 000                                                                    | 57 600*                                 | 36,0                           |
| 38,0                           | 58,1                    | 120,8                           | 33 800                                                                    | 50 200*                                 | 63,7                    | 122,5                           | 28 700                                                                    | 57 600*                                 | 38,0                           |
| 40,0                           | 55,2                    | 119,4                           | 31 400                                                                    | 47 800*                                 | 61,0                    | 121,4                           | 26 600                                                                    | 57 300*                                 | 40,0                           |
| 42,0                           | 52,3                    | 117,9                           | 29 300                                                                    | 45 300*                                 | 58,2                    | 120,2                           | 24 700                                                                    | 55 200*                                 | 42,0                           |
| 44,0                           | 49,1                    | 116,2                           | 27 300                                                                    | 43 000*                                 | 55,3                    | 118,8                           | 23 000                                                                    | 52 800*                                 | 44,0                           |
| 46,0                           | 45,8                    | 114,3                           | 25 600                                                                    | 40 700*                                 | 52,3                    | 117,3                           | 21 400                                                                    | 50 500*                                 | 46,0                           |
| 48,0                           | 42,3                    | 112,2                           | 23 900                                                                    | 38 600*                                 | 49,2                    | 115,6                           | 20 000                                                                    | 48 100*                                 | 48,0                           |
| 50,0                           | 38,6                    | 109,8                           | 22 500                                                                    | 36 600*                                 | 45,9                    | 113,7                           | 18 700                                                                    | 45 800*                                 | 50,0                           |
| 52,0                           | 34,5                    | 107,0                           | 21 100                                                                    | 34 900*                                 | 42,4                    | 111,6                           | 17 500                                                                    | 43 500*                                 | 52,0                           |
| 54,0                           | 29,9                    | 103,7                           | 19 800                                                                    | 33 300*                                 | 38,7                    | 109,2                           | 16 400                                                                    | 41 400*                                 | 54,0                           |
| 56,0                           | 24,5                    | 99,6                            | 18 600                                                                    | 32 000*                                 | 34,6                    | 106,4                           | 15 300                                                                    | 39 400*                                 | 56,0                           |
| 58,0                           | 17,5                    | 94,1                            | 17 400                                                                    | 31 000*                                 | 30,0                    | 103,1                           | 14 300                                                                    | 37 600*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 24,7                    | 99,1                            | 13 400                                                                    | 36 000*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 17,8                    | 93,7                            | 12 500                                                                    | 34 700*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 3,6                     | 82,0                            | 11 500                                                                    | 33 900*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 82,0                           |

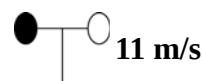
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 48,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 29,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 29,0                  |
| 30,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 30,0                  |
| 32,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 32,0                  |
| 34,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 34,0                  |
| 36,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 36,0                  |
| 38,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,0                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  | 61,9                 | 120,2                  | 14 600                                                     | 48 200                         |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  | 59,2                 | 119,0                  | 13 500                                                     | 46 000                         |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 56,3                 | 117,7                  | 12 500                                                     | 44 100                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 53,3                 | 116,3                  | 11 500                                                     | 42 200                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 50,3                 | 114,6                  | 10 600                                                     | 40 500                         |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 47,0                 | 112,8                  | 9 800                                                      | 38 900                         |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 43,6                 | 110,8                  | 9 100                                                      | 37 400                         | 54,1                 | 114,5                  | 3 900                                                      | 32 900                         |                      |                        |                                | 58,0                  |
| 60,0                  | 40,0                 | 108,5                  | 8 400                                                      | 35 900                         | 51,1                 | 112,9                  | 3 300                                                      | 31 600                         |                      |                        |                                | 60,0                  |
| 62,0                  | 36,0                 | 105,8                  | 7 700                                                      | 34 600                         | 47,9                 | 111,2                  | 2 900                                                      | 30 400                         |                      |                        |                                | 62,0                  |
| 64,0                  | 31,6                 | 102,7                  | 7 100                                                      | 33 400                         | 44,5                 | 109,2                  | 2 400                                                      | 29 200                         |                      |                        |                                | 64,0                  |
| 66,0                  | 26,6                 | 99,0                   | 6 400                                                      | 32 100                         | 40,9                 | 106,9                  | 2 000                                                      | 28 100                         | 51,5                 | 110,5                  | 24 400                         | 66,0                  |
| 68,0                  | 20,3                 | 94,1                   | 5 800                                                      | 30 800                         | 37,0                 | 104,4                  | 1 600                                                      | 27 100                         | 48,3                 | 108,7                  | 23 400                         | 68,0                  |
| 70,0                  | 10,9                 | 86,5                   | 5 200                                                      | 29 400                         | 32,8                 | 101,4                  | 1 200                                                      | 26 000                         | 45,0                 | 106,8                  | 22 500                         | 70,0                  |
| 72,0                  |                      |                        |                                                            |                                | 27,9                 | 97,9                   |                                                            | 24 900                         | 41,5                 | 104,6                  | 21 600                         | 72,0                  |
| 74,0                  |                      |                        |                                                            |                                | 22,1                 | 93,4                   |                                                            | 23 900                         | 37,6                 | 102,1                  | 20 700                         | 74,0                  |
| 76,0                  |                      |                        |                                                            |                                | 13,9                 | 86,8                   |                                                            | 22 900                         | 33,4                 | 99,2                   | 19 800                         | 76,0                  |
| 78,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 28,7                 | 95,7                   | 19 000                         | 78,0                  |
| 80,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 23,0                 | 91,4                   | 18 200                         | 80,0                  |
| 82,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 15,4                 | 85,4                   | 17 400                         | 82,0                  |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

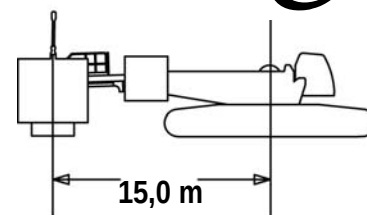
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

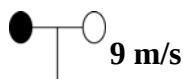
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 54,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 30,5                           | 70,8                    | 131,2                    | 45 100                                                                    | 51 400*                                 |                         |                          |                                                                           |                                         | 30,5                           |
| 32,0                           | 69,1                    | 130,6                    | 42 200                                                                    | 51 300*                                 |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           | 66,8                    | 129,8                    | 38 800                                                                    | 50 800*                                 |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 64,4                    | 128,8                    | 35 800                                                                    | 48 900*                                 |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 62,0                    | 127,8                    | 33 100                                                                    | 47 000*                                 |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 59,6                    | 126,6                    | 30 800                                                                    | 45 000*                                 | 64,5                    | 128,2                    | 25 800                                                                    | 50 300*                                 | 40,0                           |
| 42,0                           | 57,1                    | 125,3                    | 28 600                                                                    | 42 900*                                 | 62,1                    | 127,1                    | 24 000                                                                    | 50 300*                                 | 42,0                           |
| 44,0                           | 54,5                    | 123,9                    | 26 700                                                                    | 40 900*                                 | 59,7                    | 126,0                    | 22 300                                                                    | 49 400*                                 | 44,0                           |
| 46,0                           | 51,8                    | 122,4                    | 25 000                                                                    | 38 900*                                 | 57,2                    | 124,7                    | 20 700                                                                    | 47 500*                                 | 46,0                           |
| 48,0                           | 49,0                    | 120,7                    | 23 300                                                                    | 37 000*                                 | 54,6                    | 123,3                    | 19 300                                                                    | 45 700*                                 | 48,0                           |
| 50,0                           | 46,1                    | 118,8                    | 21 900                                                                    | 35 200*                                 | 51,9                    | 121,8                    | 18 000                                                                    | 43 700*                                 | 50,0                           |
| 52,0                           | 43,0                    | 116,7                    | 20 500                                                                    | 33 500*                                 | 49,1                    | 120,1                    | 16 900                                                                    | 41 800*                                 | 52,0                           |
| 54,0                           | 39,8                    | 114,4                    | 19 300                                                                    | 31 800*                                 | 46,2                    | 118,2                    | 15 700                                                                    | 39 900*                                 | 54,0                           |
| 56,0                           | 36,3                    | 111,7                    | 18 100                                                                    | 30 300*                                 | 43,1                    | 116,1                    | 14 700                                                                    | 38 000*                                 | 56,0                           |
| 58,0                           | 32,4                    | 108,7                    | 17 000                                                                    | 29 000*                                 | 39,9                    | 113,8                    | 13 700                                                                    | 36 300*                                 | 58,0                           |
| 60,0                           | 28,1                    | 105,2                    | 15 900                                                                    | 27 800*                                 | 36,4                    | 111,2                    | 12 900                                                                    | 34 600*                                 | 60,0                           |
| 62,0                           | 23,0                    | 100,8                    | 15 000                                                                    | 26 800*                                 | 32,5                    | 108,2                    | 12 000                                                                    | 33 000*                                 | 62,0                           |
| 64,0                           | 16,5                    | 95,0                     | 14 000                                                                    | 26 100*                                 | 28,2                    | 104,6                    | 11 200                                                                    | 31 700*                                 | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         | 23,2                    | 100,3                    | 10 400                                                                    | 30 400*                                 | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         | 16,7                    | 94,5                     | 9 700                                                                     | 29 500*                                 | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

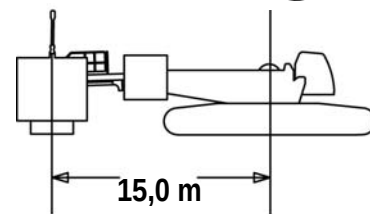
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

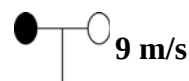
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 54,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 30,5                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 30,5                  |
| 32,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 32,0                  |
| 34,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 34,0                  |
| 36,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 36,0                  |
| 38,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,0                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 60,5                 | 124,8                  | 11 700                                                     | 42 700                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 58,0                 | 123,6                  | 10 800                                                     | 40 900                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 55,4                 | 122,2                  | 9 900                                                      | 39 200                         |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 52,8                 | 120,8                  | 9 100                                                      | 37 600                         |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 50,0                 | 119,1                  | 8 400                                                      | 36 100                         |                      |                        |                                                            |                                |                      |                        |                                | 58,0                  |
| 60,0                  | 47,2                 | 117,3                  | 7 700                                                      | 34 700                         | 56,1                 | 120,5                  | 2 500                                                      | 30 400                         |                      |                        |                                | 60,0                  |
| 62,0                  | 44,2                 | 115,3                  | 7 000                                                      | 33 400                         | 53,5                 | 119,0                  | 2 100                                                      | 29 200                         |                      |                        |                                | 62,0                  |
| 64,0                  | 41,0                 | 113,0                  | 6 400                                                      | 32 200                         | 50,7                 | 117,4                  | 1 600                                                      | 28 000                         |                      |                        |                                | 64,0                  |
| 66,0                  | 37,6                 | 110,5                  | 5 800                                                      | 31 000                         | 47,9                 | 115,6                  | 1 200                                                      | 27 000                         |                      |                        |                                | 66,0                  |
| 68,0                  | 33,8                 | 107,6                  | 5 300                                                      | 30 000                         | 44,9                 | 113,7                  | 800                                                        | 26 000                         |                      |                        |                                | 68,0                  |
| 70,0                  | 29,7                 | 104,3                  | 4 700                                                      | 28 900                         | 41,8                 | 111,5                  |                                                            | 25 000                         |                      |                        |                                | 70,0                  |
| 72,0                  | 25,0                 | 100,3                  | 4 200                                                      | 27 800                         | 38,4                 | 109,1                  |                                                            | 24 100                         | 48,3                 | 113,2                  | 20 600                         | 72,0                  |
| 74,0                  | 19,1                 | 95,1                   | 3 700                                                      | 26 600                         | 34,8                 | 106,3                  |                                                            | 23 200                         | 45,4                 | 111,3                  | 19 800                         | 74,0                  |
| 76,0                  | 10,2                 | 87,0                   | 3 200                                                      | 25 500                         | 30,8                 | 103,1                  |                                                            | 22 300                         | 42,3                 | 109,1                  | 19 000                         | 76,0                  |
| 78,0                  |                      |                        |                                                            |                                | 26,2                 | 99,3                   |                                                            | 21 400                         | 39,0                 | 106,7                  | 18 200*                        | 78,0                  |
| 80,0                  |                      |                        |                                                            |                                | 20,7                 | 94,5                   |                                                            | 20 500                         | 35,4                 | 104,0                  | 17 400*                        | 80,0                  |
| 82,0                  |                      |                        |                                                            |                                | 13,0                 | 87,5                   |                                                            | 19 700                         | 31,4                 | 100,9                  | 16 700*                        | 82,0                  |
| 84,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 27,0                 | 97,2                   | 15 900*                        | 84,0                  |
| 86,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 21,6                 | 92,6                   | 15 200*                        | 86,0                  |
| 88,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 14,4                 | 86,1                   | 14 500*                        | 88,0                  |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

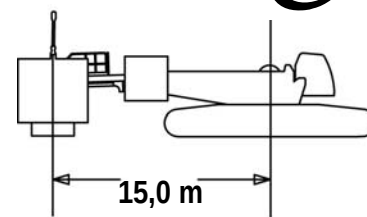
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

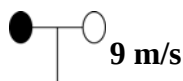
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 33,5                           | 69,7                    | 136,4                    | 38 700                                                                    | 44 900*                                 |                         |                          |                                                                           |                                         | 33,5                           |
| 34,0                           | 69,2                    | 136,3                    | 38 000                                                                    | 44 900*                                 |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           | 67,2                    | 135,4                    | 35 000                                                                    | 44 600*                                 |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 65,1                    | 134,5                    | 32 300                                                                    | 43 300*                                 |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 62,9                    | 133,5                    | 30 000                                                                    | 41 800*                                 | 67,2                    | 134,8                    | 24 900                                                                    | 43 700*                                 | 40,0                           |
| 42,0                           | 60,7                    | 132,4                    | 27 800                                                                    | 40 200*                                 | 65,1                    | 133,9                    | 23 000                                                                    | 43 700*                                 | 42,0                           |
| 44,0                           | 58,5                    | 131,2                    | 25 900                                                                    | 38 500*                                 | 63,0                    | 132,9                    | 21 400                                                                    | 43 700*                                 | 44,0                           |
| 46,0                           | 56,2                    | 129,9                    | 24 200                                                                    | 36 900*                                 | 60,8                    | 131,8                    | 19 800                                                                    | 43 600*                                 | 46,0                           |
| 48,0                           | 53,9                    | 128,4                    | 22 600                                                                    | 35 200*                                 | 58,6                    | 130,6                    | 18 400                                                                    | 42 700*                                 | 48,0                           |
| 50,0                           | 51,4                    | 126,9                    | 21 100                                                                    | 33 600*                                 | 56,3                    | 129,3                    | 17 100                                                                    | 41 200*                                 | 50,0                           |
| 52,0                           | 48,9                    | 125,2                    | 19 700                                                                    | 32 100*                                 | 53,9                    | 127,8                    | 15 900                                                                    | 39 600*                                 | 52,0                           |
| 54,0                           | 46,3                    | 123,3                    | 18 500                                                                    | 30 500*                                 | 51,5                    | 126,3                    | 14 900                                                                    | 38 000*                                 | 54,0                           |
| 56,0                           | 43,6                    | 121,2                    | 17 400                                                                    | 29 100*                                 | 49,0                    | 124,6                    | 13 900                                                                    | 36 500*                                 | 56,0                           |
| 58,0                           | 40,7                    | 118,9                    | 16 300                                                                    | 27 800*                                 | 46,4                    | 122,7                    | 12 900                                                                    | 34 900*                                 | 58,0                           |
| 60,0                           | 37,6                    | 116,4                    | 15 300                                                                    | 26 600*                                 | 43,7                    | 120,6                    | 12 000                                                                    | 33 400*                                 | 60,0                           |
| 62,0                           | 34,3                    | 113,6                    | 14 300                                                                    | 25 400*                                 | 40,8                    | 118,4                    | 11 200                                                                    | 31 900*                                 | 62,0                           |
| 64,0                           | 30,7                    | 110,4                    | 13 400                                                                    | 24 400*                                 | 37,7                    | 115,8                    | 10 400                                                                    | 30 500*                                 | 64,0                           |
| 66,0                           | 26,6                    | 106,6                    | 12 600                                                                    | 23 500*                                 | 34,4                    | 113,0                    | 9 700                                                                     | 29 200*                                 | 66,0                           |
| 68,0                           | 21,8                    | 102,0                    | 11 800                                                                    | 22 800*                                 | 30,8                    | 109,8                    | 9 000                                                                     | 28 000*                                 | 68,0                           |
| 70,0                           | 15,6                    | 95,8                     | 11 000                                                                    | 22 200*                                 | 26,7                    | 106,0                    | 8 300                                                                     | 26 900*                                 | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         | 21,9                    | 101,4                    | 7 700                                                                     | 26 000*                                 | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         | 15,8                    | 95,3                     | 7 100                                                                     | 25 200*                                 | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

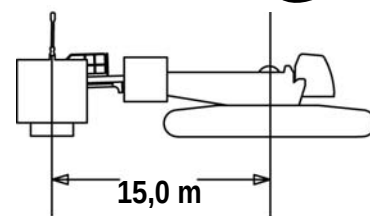
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

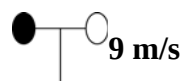
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 60,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 33,5                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 33,5                           |
| 34,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 34,0                           |
| 36,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 36,0                           |
| 38,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 38,0                           |
| 40,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 50,0                           |
| 52,0                           | 61,5                    | 130,6                           | 9 700                                                                     | 39 300                                  |                         |                                 |                                         |                         |                                 |                                         | 52,0                           |
| 54,0                           | 59,3                    | 129,4                           | 8 900                                                                     | 37 700                                  |                         |                                 |                                         |                         |                                 |                                         | 54,0                           |
| 56,0                           | 57,1                    | 128,1                           | 8 100                                                                     | 36 200                                  |                         |                                 |                                         |                         |                                 |                                         | 56,0                           |
| 58,0                           | 54,7                    | 126,8                           | 7 400                                                                     | 34 700                                  |                         |                                 |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           | 52,3                    | 125,2                           | 6 700                                                                     | 33 300                                  |                         |                                 |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 49,9                    | 123,6                           | 6 100                                                                     | 32 000                                  |                         |                                 |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 47,3                    | 121,8                           | 5 400                                                                     | 30 800                                  | 55,3                    | 125,0                           | 26 700                                  |                         |                                 |                                         | 64,0                           |
| 66,0                           | 44,6                    | 119,8                           | 4 900                                                                     | 29 700                                  | 52,9                    | 123,5                           | 25 600                                  |                         |                                 |                                         | 66,0                           |
| 68,0                           | 41,7                    | 117,6                           | 4 400                                                                     | 28 600                                  | 50,5                    | 121,9                           | 24 600                                  |                         |                                 |                                         | 68,0                           |
| 70,0                           | 38,7                    | 115,2                           | 3 900                                                                     | 27 600                                  | 47,9                    | 120,1                           | 23 700                                  |                         |                                 |                                         | 70,0                           |
| 72,0                           | 35,5                    | 112,4                           | 3 400                                                                     | 26 600                                  | 45,3                    | 118,2                           | 22 800                                  |                         |                                 |                                         | 72,0                           |
| 74,0                           | 32,0                    | 109,4                           | 2 900                                                                     | 25 700                                  | 42,5                    | 116,0                           | 22 000                                  | 50,9                    | 119,4                           | 18 500                                  | 74,0                           |
| 76,0                           | 28,1                    | 105,8                           | 2 500                                                                     | 24 800                                  | 39,5                    | 113,7                           | 21 200                                  | 48,3                    | 117,7                           | 17 800                                  | 76,0                           |
| 78,0                           | 23,6                    | 101,5                           | 2 100                                                                     | 23 900                                  | 36,4                    | 111,0                           | 20 400                                  | 45,7                    | 115,8                           | 17 000                                  | 78,0                           |
| 80,0                           | 18,1                    | 96,1                            | 1 600                                                                     | 23 000                                  | 32,9                    | 108,1                           | 19 700                                  | 42,9                    | 113,7                           | 16 300*                                 | 80,0                           |
| 82,0                           | 9,6                     | 87,5                            | 1 200                                                                     | 22 000                                  | 29,2                    | 104,6                           | 18 900                                  | 40,0                    | 111,3                           | 15 600*                                 | 82,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         | 24,8                    | 100,6                           | 18 200                                  | 36,8                    | 108,7                           | 14 900*                                 | 84,0                           |
| 86,0                           |                         |                                 |                                                                           |                                         | 19,6                    | 95,5                            | 17 400                                  | 33,5                    | 105,8                           | 14 200*                                 | 86,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         | 12,3                    | 88,1                            | 16 700                                  | 29,7                    | 102,5                           | 13 500*                                 | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 25,5                    | 98,5                            | 12 900*                                 | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 20,5                    | 93,6                            | 12 300*                                 | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 13,6                    | 86,8                            | 11 700*                                 | 94,0                           |

# Liftcrane Luffing Jib Capacities

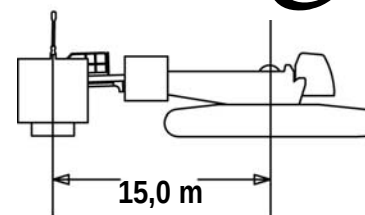
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

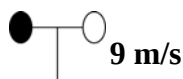
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 36,6                           | 68,8                    | 141,7                    | 33 300                                                                    | 39 200*                                 |                         |                          |                                                                           |                                         | 36,6                           |
| 38,0                           | 67,5                    | 141,1                    | 31 500                                                                    | 39 200*                                 |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 65,6                    | 140,2                    | 29 100                                                                    | 38 400*                                 |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 63,6                    | 139,2                    | 27 000                                                                    | 37 100*                                 |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 61,7                    | 138,2                    | 25 100                                                                    | 35 800*                                 | 65,6                    | 139,6                    | 20 400                                                                    | 38 100*                                 | 44,0                           |
| 46,0                           | 59,7                    | 137,0                    | 23 300                                                                    | 34 500*                                 | 63,7                    | 138,6                    | 18 900                                                                    | 38 100*                                 | 46,0                           |
| 48,0                           | 57,6                    | 135,8                    | 21 700                                                                    | 33 200*                                 | 61,7                    | 137,5                    | 17 500                                                                    | 38 100*                                 | 48,0                           |
| 50,0                           | 55,5                    | 134,4                    | 20 300                                                                    | 31 800*                                 | 59,7                    | 136,4                    | 16 200                                                                    | 38 000*                                 | 50,0                           |
| 52,0                           | 53,4                    | 132,9                    | 18 900                                                                    | 30 500*                                 | 57,7                    | 135,1                    | 15 100                                                                    | 37 000*                                 | 52,0                           |
| 54,0                           | 51,2                    | 131,4                    | 17 700                                                                    | 29 200*                                 | 55,6                    | 133,8                    | 14 000                                                                    | 35 800*                                 | 54,0                           |
| 56,0                           | 48,9                    | 129,6                    | 16 500                                                                    | 27 900*                                 | 53,4                    | 132,3                    | 13 000                                                                    | 34 500*                                 | 56,0                           |
| 58,0                           | 46,5                    | 127,8                    | 15 500                                                                    | 26 700*                                 | 51,2                    | 130,7                    | 12 100                                                                    | 33 200*                                 | 58,0                           |
| 60,0                           | 44,0                    | 125,7                    | 14 500                                                                    | 25 600*                                 | 48,9                    | 129,0                    | 11 200                                                                    | 31 900*                                 | 60,0                           |
| 62,0                           | 41,4                    | 123,5                    | 13 500                                                                    | 24 500*                                 | 46,6                    | 127,2                    | 10 400                                                                    | 30 700*                                 | 62,0                           |
| 64,0                           | 38,7                    | 121,1                    | 12 700                                                                    | 23 500*                                 | 44,1                    | 125,1                    | 9 600                                                                     | 29 400*                                 | 64,0                           |
| 66,0                           | 35,8                    | 118,4                    | 11 800                                                                    | 22 500*                                 | 41,5                    | 122,9                    | 8 900                                                                     | 28 200*                                 | 66,0                           |
| 68,0                           | 32,6                    | 115,4                    | 11 100                                                                    | 21 600*                                 | 38,8                    | 120,5                    | 8 200                                                                     | 27 100*                                 | 68,0                           |
| 70,0                           | 29,2                    | 111,9                    | 10 300                                                                    | 20 800*                                 | 35,9                    | 117,8                    | 7 600                                                                     | 26 000*                                 | 70,0                           |
| 72,0                           | 25,3                    | 107,9                    | 9 600                                                                     | 20 200*                                 | 32,7                    | 114,8                    | 6 900                                                                     | 25 000*                                 | 72,0                           |
| 74,0                           | 20,7                    | 103,1                    | 8 900                                                                     | 19 600*                                 | 29,3                    | 111,4                    | 6 400                                                                     | 24 100*                                 | 74,0                           |
| 76,0                           | 14,8                    | 96,5                     | 8 200                                                                     | 19 200*                                 | 25,4                    | 107,4                    | 5 800                                                                     | 23 200*                                 | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         | 20,9                    | 102,6                    | 5 200                                                                     | 22 400*                                 | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         | 15,0                    | 96,1                     | 4 700                                                                     | 21 900*                                 | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |

# Liftcrane Luffing Jib Capacities

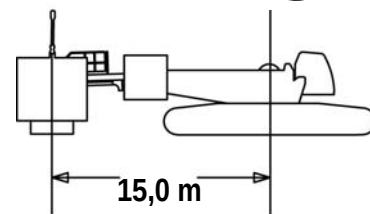
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

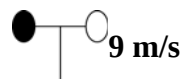
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 66,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 36,6                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 36,6                           |
| 38,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 38,0                           |
| 40,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 54,0                           |
| 56,0                           | 60,4                    | 135,2                           | 7 100                                                                     | 34 700                                  |                         |                                 |                                         |                         |                                 |                                         | 56,0                           |
| 58,0                           | 58,4                    | 134,0                           | 6 400                                                                     | 33 300                                  |                         |                                 |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           | 56,3                    | 132,7                           | 5 700                                                                     | 32 000                                  |                         |                                 |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 54,2                    | 131,3                           | 5 100                                                                     | 30 700                                  |                         |                                 |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 52,0                    | 129,7                           | 4 500                                                                     | 29 500                                  |                         |                                 |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 49,7                    | 128,1                           | 3 900                                                                     | 28 400                                  | 56,8                    | 130,9                           | 24 300                                  |                         |                                 |                                         | 66,0                           |
| 68,0                           | 47,4                    | 126,2                           | 3 400                                                                     | 27 300                                  | 54,7                    | 129,5                           | 23 300                                  |                         |                                 |                                         | 68,0                           |
| 70,0                           | 44,9                    | 124,3                           | 3 000                                                                     | 26 300                                  | 52,5                    | 128,0                           | 22 400                                  |                         |                                 |                                         | 70,0                           |
| 72,0                           | 42,4                    | 122,1                           | 2 500                                                                     | 25 300                                  | 50,3                    | 126,3                           | 21 500                                  |                         |                                 |                                         | 72,0                           |
| 74,0                           | 39,7                    | 119,8                           | 2 000                                                                     | 24 400                                  | 48,0                    | 124,6                           | 20 700                                  |                         |                                 |                                         | 74,0                           |
| 76,0                           | 36,8                    | 117,2                           | 1 600                                                                     | 23 600                                  | 45,5                    | 122,7                           | 19 900                                  |                         |                                 |                                         | 76,0                           |
| 78,0                           | 33,8                    | 114,3                           | 1 200                                                                     | 22 700                                  | 43,0                    | 120,6                           | 19 200                                  | 50,6                    | 123,9                           | 15 800                                  | 78,0                           |
| 80,0                           | 30,5                    | 111,0                           | 800                                                                       | 22 000                                  | 40,4                    | 118,2                           | 18 500                                  | 48,3                    | 122,2                           | 15 100                                  | 80,0                           |
| 82,0                           | 26,8                    | 107,2                           |                                                                           | 21 200                                  | 37,6                    | 115,7                           | 17 800                                  | 45,9                    | 120,2                           | 14 500*                                 | 82,0                           |
| 84,0                           | 22,5                    | 102,7                           |                                                                           | 20 500                                  | 34,6                    | 112,9                           | 17 100                                  | 43,4                    | 118,2                           | 13 800*                                 | 84,0                           |
| 86,0                           | 17,2                    | 97,0                            |                                                                           | 19 600                                  | 31,3                    | 109,7                           | 16 500                                  | 40,8                    | 115,9                           | 13 100*                                 | 86,0                           |
| 88,0                           | 9,1                     | 87,9                            |                                                                           | 18 800                                  | 27,7                    | 106,1                           | 15 900                                  | 38,0                    | 113,4                           | 12 500*                                 | 88,0                           |
| 90,0                           |                         |                                 |                                                                           |                                         | 23,6                    | 101,8                           | 15 200*                                 | 35,0                    | 110,6                           | 11 900*                                 | 90,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 18,7                    | 96,5                            | 14 500*                                 | 31,8                    | 107,5                           | 11 300*                                 | 92,0                           |
| 94,0                           |                         |                                 |                                                                           |                                         | 11,7                    | 88,7                            | 13 800*                                 | 28,3                    | 104,0                           | 10 700*                                 | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 24,3                    | 99,8                            | 10 200*                                 | 96,0                           |
| 98,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 19,5                    | 94,7                            | 9 600*                                  | 98,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 13,0                    | 87,4                            | 9 100*                                  | 100,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

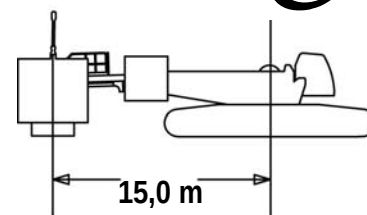
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

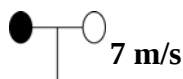
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 38,1                           | 69,4                    | 147,5                    | 30 500                                                                    | 34 300*                                 |                         |                          |                                                                           |                                         | 38,1                           |
| 40,0                           | 67,7                    | 146,8                    | 28 300                                                                    | 34 300*                                 |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 66,0                    | 145,9                    | 26 200                                                                    | 33 900*                                 |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 64,2                    | 144,9                    | 24 300                                                                    | 32 900*                                 |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 62,4                    | 143,9                    | 22 500                                                                    | 31 900*                                 | 66,0                    | 145,3                    | 18 000                                                                    | 33 200*                                 | 46,0                           |
| 48,0                           | 60,6                    | 142,8                    | 21 000                                                                    | 30 800*                                 | 64,3                    | 144,3                    | 16 600                                                                    | 33 200*                                 | 48,0                           |
| 50,0                           | 58,8                    | 141,6                    | 19 500                                                                    | 29 800*                                 | 62,5                    | 143,3                    | 15 400                                                                    | 33 200*                                 | 50,0                           |
| 52,0                           | 56,9                    | 140,3                    | 18 200                                                                    | 28 700*                                 | 60,7                    | 142,2                    | 14 200                                                                    | 33 200*                                 | 52,0                           |
| 54,0                           | 54,9                    | 138,9                    | 16 900                                                                    | 27 600*                                 | 58,8                    | 141,0                    | 13 100                                                                    | 32 900*                                 | 54,0                           |
| 56,0                           | 53,0                    | 137,4                    | 15 800                                                                    | 26 500*                                 | 56,9                    | 139,7                    | 12 100                                                                    | 32 100*                                 | 56,0                           |
| 58,0                           | 50,9                    | 135,8                    | 14 700                                                                    | 25 400*                                 | 55,0                    | 138,3                    | 11 200                                                                    | 31 200*                                 | 58,0                           |
| 60,0                           | 48,8                    | 134,1                    | 13 700                                                                    | 24 400*                                 | 53,0                    | 136,8                    | 10 300                                                                    | 30 100*                                 | 60,0                           |
| 62,0                           | 46,6                    | 132,2                    | 12 800                                                                    | 23 400*                                 | 51,0                    | 135,2                    | 9 500                                                                     | 29 100*                                 | 62,0                           |
| 64,0                           | 44,4                    | 130,2                    | 11 900                                                                    | 22 500*                                 | 48,9                    | 133,5                    | 8 800                                                                     | 28 000*                                 | 64,0                           |
| 66,0                           | 42,0                    | 128,1                    | 11 100                                                                    | 21 600*                                 | 46,7                    | 131,6                    | 8 100                                                                     | 27 000*                                 | 66,0                           |
| 68,0                           | 39,6                    | 125,7                    | 10 300                                                                    | 20 700*                                 | 44,4                    | 129,6                    | 7 400                                                                     | 26 000*                                 | 68,0                           |
| 70,0                           | 37,0                    | 123,1                    | 9 600                                                                     | 19 900*                                 | 42,1                    | 127,5                    | 6 800                                                                     | 25 000*                                 | 70,0                           |
| 72,0                           | 34,2                    | 120,2                    | 8 900                                                                     | 19 100*                                 | 39,6                    | 125,1                    | 6 200                                                                     | 24 100*                                 | 72,0                           |
| 74,0                           | 31,2                    | 117,0                    | 8 300                                                                     | 18 500*                                 | 37,0                    | 122,5                    | 5 600                                                                     | 23 200*                                 | 74,0                           |
| 76,0                           | 27,9                    | 113,4                    | 7 600                                                                     | 17 900*                                 | 34,3                    | 119,7                    | 5 100                                                                     | 22 300*                                 | 76,0                           |
| 78,0                           | 24,2                    | 109,2                    | 7 000                                                                     | 17 300*                                 | 31,3                    | 116,5                    | 4 500                                                                     | 21 500*                                 | 78,0                           |
| 80,0                           | 19,8                    | 104,1                    | 6 500                                                                     | 16 900*                                 | 28,0                    | 112,9                    | 4 000                                                                     | 20 800*                                 | 80,0                           |
| 82,0                           | 14,1                    | 97,3                     | 5 900                                                                     | 16 700*                                 | 24,3                    | 108,7                    | 3 600                                                                     | 20 100*                                 | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         | 19,9                    | 103,6                    | 3 100                                                                     | 19 500*                                 | 84,0                           |
| 86,0                           |                         |                          |                                                                           |                                         | 14,3                    | 96,8                     | 2 600                                                                     | 19 100*                                 | 86,0                           |
| 88,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 104,0                          |
| 106,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 106,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

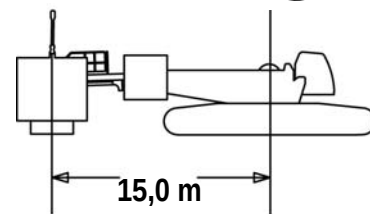
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

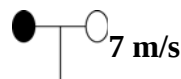
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 72,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 38,1                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 38,1                           |
| 40,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 56,0                           |
| 58,0                           | 61,3                    | 141,0                           | 5 400                                                                     | 30 700*                                 |                         |                                 |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           | 59,4                    | 139,8                           | 4 800                                                                     | 30 400                                  |                         |                                 |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 57,6                    | 138,6                           | 4 100                                                                     | 29 400                                  |                         |                                 |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 55,6                    | 137,2                           | 3 600                                                                     | 28 200                                  |                         |                                 |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 53,7                    | 135,8                           | 3 000                                                                     | 27 100                                  |                         |                                 |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 51,7                    | 134,2                           | 2 500                                                                     | 26 000                                  |                         |                                 |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 49,6                    | 132,5                           | 2 100                                                                     | 25 000                                  | 56,1                    | 135,4                           | 21 100                                  |                         |                                 |                                         | 70,0                           |
| 72,0                           | 47,4                    | 130,7                           | 1 600                                                                     | 24 100                                  | 54,2                    | 134,0                           | 20 300                                  |                         |                                 |                                         | 72,0                           |
| 74,0                           | 45,2                    | 128,8                           | 1 200                                                                     | 23 200                                  | 52,2                    | 132,5                           | 19 400                                  |                         |                                 |                                         | 74,0                           |
| 76,0                           | 42,9                    | 126,7                           | 800                                                                       | 22 300                                  | 50,1                    | 130,8                           | 18 700                                  |                         |                                 |                                         | 76,0                           |
| 78,0                           | 40,5                    | 124,3                           |                                                                           | 21 500                                  | 48,0                    | 129,1                           | 17 900                                  |                         |                                 |                                         | 78,0                           |
| 80,0                           | 37,9                    | 121,8                           |                                                                           | 20 800                                  | 45,8                    | 127,1                           | 17 300                                  |                         |                                 |                                         | 80,0                           |
| 82,0                           | 35,2                    | 119,1                           |                                                                           | 20 000                                  | 43,5                    | 125,1                           | 16 600                                  | 50,4                    | 128,4                           | 13 300                                  | 82,0                           |
| 84,0                           | 32,3                    | 116,0                           |                                                                           | 19 300                                  | 41,1                    | 122,8                           | 16 000                                  | 48,3                    | 126,6                           | 12 700*                                 | 84,0                           |
| 86,0                           | 29,1                    | 112,6                           |                                                                           | 18 600                                  | 38,6                    | 120,4                           | 15 300                                  | 46,1                    | 124,7                           | 12 000*                                 | 86,0                           |
| 88,0                           | 25,6                    | 108,6                           |                                                                           | 18 000                                  | 35,9                    | 117,7                           | 14 700                                  | 43,8                    | 122,7                           | 11 400*                                 | 88,0                           |
| 90,0                           | 21,5                    | 103,8                           |                                                                           | 17 400                                  | 33,0                    | 114,7                           | 14 200                                  | 41,4                    | 120,5                           | 10 800*                                 | 90,0                           |
| 92,0                           | 16,4                    | 97,8                            |                                                                           | 16 800                                  | 29,9                    | 111,3                           | 13 600*                                 | 38,9                    | 118,0                           | 10 300*                                 | 92,0                           |
| 94,0                           | 8,7                     | 88,3                            |                                                                           | 16 000                                  | 26,5                    | 107,5                           | 13 000*                                 | 36,3                    | 115,4                           | 9 700*                                  | 94,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         | 22,6                    | 103,0                           | 12 300*                                 | 33,5                    | 112,4                           | 9 200*                                  | 96,0                           |
| 98,0                           |                         |                                 |                                                                           |                                         | 17,8                    | 97,4                            | 11 700*                                 | 30,4                    | 109,2                           | 8 700*                                  | 98,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         | 11,2                    | 89,3                            | 11 100*                                 | 27,0                    | 105,4                           | 8 200*                                  | 100,0                          |
| 102,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 23,2                    | 101,0                           | 7 700*                                  | 102,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 18,6                    | 95,6                            | 7 200*                                  | 104,0                          |
| 106,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 12,4                    | 88,1                            | 6 700*                                  | 106,0                          |

# Liftcrane Luffing Jib Capacities

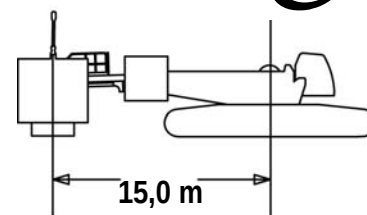
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

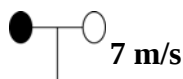
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 41,1                           | 68,6                    | 152,8                    | 26 300                                                                    | 29 600*                                 |                         |                          |                                                                           |                                         | 41,1                           |
| 42,0                           | 68,0                    | 152,4                    | 25 500                                                                    | 29 500*                                 |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 66,4                    | 151,6                    | 23 600                                                                    | 29 500*                                 |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 64,7                    | 150,6                    | 21 800                                                                    | 29 100*                                 |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 63,1                    | 149,6                    | 20 200                                                                    | 28 300*                                 | 66,4                    | 150,9                    | 15 900                                                                    | 28 600*                                 | 48,0                           |
| 50,0                           | 61,4                    | 148,6                    | 18 800                                                                    | 27 500*                                 | 64,8                    | 150,0                    | 14 600                                                                    | 28 600*                                 | 50,0                           |
| 52,0                           | 59,7                    | 147,4                    | 17 400                                                                    | 26 600*                                 | 63,1                    | 149,0                    | 13 500                                                                    | 28 600*                                 | 52,0                           |
| 54,0                           | 58,0                    | 146,2                    | 16 200                                                                    | 25 700*                                 | 61,5                    | 147,9                    | 12 400                                                                    | 28 600*                                 | 54,0                           |
| 56,0                           | 56,2                    | 144,8                    | 15 100                                                                    | 24 800*                                 | 59,8                    | 146,8                    | 11 400                                                                    | 28 600*                                 | 56,0                           |
| 58,0                           | 54,4                    | 143,4                    | 14 000                                                                    | 24 000*                                 | 58,0                    | 145,5                    | 10 500                                                                    | 28 500*                                 | 58,0                           |
| 60,0                           | 52,6                    | 141,9                    | 13 000                                                                    | 23 100*                                 | 56,3                    | 144,2                    | 9 600                                                                     | 28 000*                                 | 60,0                           |
| 62,0                           | 50,7                    | 140,3                    | 12 100                                                                    | 22 200*                                 | 54,5                    | 142,8                    | 8 800                                                                     | 27 100*                                 | 62,0                           |
| 64,0                           | 48,8                    | 138,6                    | 11 200                                                                    | 21 400*                                 | 52,6                    | 141,3                    | 8 100                                                                     | 26 400*                                 | 64,0                           |
| 66,0                           | 46,8                    | 136,7                    | 10 400                                                                    | 20 600*                                 | 50,8                    | 139,7                    | 7 400                                                                     | 25 500*                                 | 66,0                           |
| 68,0                           | 44,7                    | 134,7                    | 9 700                                                                     | 19 800*                                 | 48,8                    | 138,0                    | 6 700                                                                     | 24 600*                                 | 68,0                           |
| 70,0                           | 42,5                    | 132,6                    | 9 000                                                                     | 19 000*                                 | 46,8                    | 136,1                    | 6 100                                                                     | 23 800*                                 | 70,0                           |
| 72,0                           | 40,3                    | 130,3                    | 8 300                                                                     | 18 300*                                 | 44,7                    | 134,1                    | 5 500                                                                     | 23 000*                                 | 72,0                           |
| 74,0                           | 37,9                    | 127,8                    | 7 600                                                                     | 17 700*                                 | 42,6                    | 132,0                    | 4 900                                                                     | 22 200*                                 | 74,0                           |
| 76,0                           | 35,4                    | 125,0                    | 7 000                                                                     | 17 100*                                 | 40,4                    | 129,7                    | 4 400                                                                     | 21 400*                                 | 76,0                           |
| 78,0                           | 32,8                    | 122,0                    | 6 400                                                                     | 16 500*                                 | 38,0                    | 127,2                    | 3 900                                                                     | 20 700*                                 | 78,0                           |
| 80,0                           | 29,9                    | 118,6                    | 5 900                                                                     | 15 900*                                 | 35,5                    | 124,4                    | 3 400                                                                     | 20 000*                                 | 80,0                           |
| 82,0                           | 26,7                    | 114,8                    | 5 300                                                                     | 15 500*                                 | 32,9                    | 121,4                    | 2 900                                                                     | 19 300*                                 | 82,0                           |
| 84,0                           | 23,2                    | 110,4                    | 4 800                                                                     | 15 100*                                 | 30,0                    | 118,1                    | 2 500                                                                     | 18 600*                                 | 84,0                           |
| 86,0                           | 19,0                    | 105,1                    | 4 300                                                                     | 14 700*                                 | 26,8                    | 114,3                    | 2 100                                                                     | 18 000*                                 | 86,0                           |
| 88,0                           | 13,6                    | 98,0                     | 3 800                                                                     | 14 600*                                 | 23,3                    | 109,9                    | 1 700                                                                     | 17 500*                                 | 88,0                           |
| 90,0                           |                         |                          |                                                                           |                                         | 19,1                    | 104,6                    | 1 200                                                                     | 17 100*                                 | 90,0                           |
| 92,0                           |                         |                          |                                                                           |                                         | 13,7                    | 97,6                     | 800                                                                       | 16 700*                                 | 92,0                           |
| 94,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 104,0                          |
| 106,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 106,0                          |
| 108,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 108,0                          |
| 110,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 110,0                          |
| 112,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 112,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

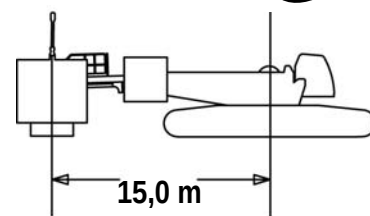
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

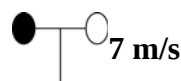
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 78,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 41,1                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 41,1                           |
| 42,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           | 62,0                    | 146,7                           | 3 900                                                                     | 26 400*                                 |                         |                                 |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 60,3                    | 145,6                           | 3 300                                                                     | 26 400*                                 |                         |                                 |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 58,6                    | 144,4                           | 2 800                                                                     | 26 400*                                 |                         |                                 |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 56,9                    | 143,1                           | 2 200                                                                     | 26 000                                  |                         |                                 |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 55,1                    | 141,7                           | 1 700                                                                     | 24 900                                  |                         |                                 |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 53,3                    | 140,3                           | 1 200                                                                     | 23 900                                  |                         |                                 |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 51,4                    | 138,7                           |                                                                           | 23 000                                  | 57,3                    | 141,3                           | 19 200                                  |                         |                                 |                                         | 72,0                           |
| 74,0                           | 49,5                    | 137,0                           |                                                                           | 22 100                                  | 55,5                    | 140,0                           | 18 300                                  |                         |                                 |                                         | 74,0                           |
| 76,0                           | 47,5                    | 135,2                           |                                                                           | 21 300                                  | 53,7                    | 138,5                           | 17 600                                  |                         |                                 |                                         | 76,0                           |
| 78,0                           | 45,4                    | 133,2                           |                                                                           | 20 500                                  | 51,9                    | 137,0                           | 16 900                                  |                         |                                 |                                         | 78,0                           |
| 80,0                           | 43,3                    | 131,2                           |                                                                           | 19 700                                  | 50,0                    | 135,3                           | 16 200                                  |                         |                                 |                                         | 80,0                           |
| 82,0                           | 41,1                    | 128,9                           |                                                                           | 19 000                                  | 48,0                    | 133,5                           | 15 500                                  |                         |                                 |                                         | 82,0                           |
| 84,0                           | 38,8                    | 126,5                           |                                                                           | 18 300                                  | 46,0                    | 131,6                           | 14 900                                  | 52,1                    | 134,5                           | 11 700                                  | 84,0                           |
| 86,0                           | 36,4                    | 123,8                           |                                                                           | 17 700                                  | 43,9                    | 129,6                           | 14 300                                  | 50,2                    | 132,9                           | 11 100*                                 | 86,0                           |
| 88,0                           | 33,8                    | 120,9                           |                                                                           | 17 000                                  | 41,7                    | 127,4                           | 13 700                                  | 48,3                    | 131,1                           | 10 500*                                 | 88,0                           |
| 90,0                           | 31,0                    | 117,7                           |                                                                           | 16 400                                  | 39,4                    | 125,0                           | 13 200                                  | 46,3                    | 129,2                           | 9 900*                                  | 90,0                           |
| 92,0                           | 27,9                    | 114,1                           |                                                                           | 15 800                                  | 37,0                    | 122,4                           | 12 600                                  | 44,2                    | 127,2                           | 9 400*                                  | 92,0                           |
| 94,0                           | 24,5                    | 109,9                           |                                                                           | 15 300                                  | 34,4                    | 119,5                           | 12 100                                  | 42,0                    | 125,0                           | 8 800*                                  | 94,0                           |
| 96,0                           | 20,6                    | 104,9                           |                                                                           | 14 700                                  | 31,7                    | 116,4                           | 11 600*                                 | 39,7                    | 122,7                           | 8 300*                                  | 96,0                           |
| 98,0                           | 15,7                    | 98,6                            |                                                                           | 14 200                                  | 28,7                    | 112,9                           | 11 000*                                 | 37,3                    | 120,1                           | 7 800*                                  | 98,0                           |
| 100,0                          | 8,3                     | 88,8                            |                                                                           | 13 500*                                 | 25,4                    | 108,9                           | 10 400*                                 | 34,8                    | 117,3                           | 7 300*                                  | 100,0                          |
| 102,0                          |                         |                                 |                                                                           |                                         | 21,7                    | 104,1                           | 9 900*                                  | 32,1                    | 114,2                           | 6 900*                                  | 102,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 17,1                    | 98,3                            | 9 400*                                  | 29,2                    | 110,7                           | 6 400*                                  | 104,0                          |
| 106,0                          |                         |                                 |                                                                           |                                         | 10,7                    | 89,8                            | 8 800*                                  | 25,9                    | 106,8                           | 6 000*                                  | 106,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 22,3                    | 102,2                           | 5 600*                                  | 108,0                          |
| 110,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 17,8                    | 96,5                            | 5 200*                                  | 110,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 11,9                    | 88,7                            | 4 700*                                  | 112,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

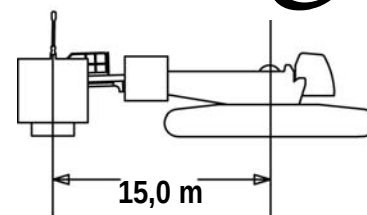
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

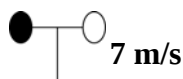
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         | 80 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 44,2                           | 68,0                    | 158,0                    | 22 500                                                                    | 25 600*                                 |                         |                          |                                                                           |                                         | 44,2                           |
| 46,0                           | 66,7                    | 157,2                    | 20 900                                                                    | 25 500*                                 |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           | 65,2                    | 156,3                    | 19 400                                                                    | 25 400*                                 |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           | 63,6                    | 155,4                    | 17 900                                                                    | 25 100*                                 | 66,7                    | 156,6                    | 13 600                                                                    | 24 700*                                 | 50,0                           |
| 52,0                           | 62,1                    | 154,3                    | 16 600                                                                    | 24 400*                                 | 65,2                    | 155,7                    | 12 500                                                                    | 24 700*                                 | 52,0                           |
| 54,0                           | 60,5                    | 153,2                    | 15 400                                                                    | 23 700*                                 | 63,7                    | 154,7                    | 11 400                                                                    | 24 700*                                 | 54,0                           |
| 56,0                           | 58,9                    | 152,0                    | 14 200                                                                    | 22 900*                                 | 62,1                    | 153,7                    | 10 400                                                                    | 24 700*                                 | 56,0                           |
| 58,0                           | 57,3                    | 150,7                    | 13 200                                                                    | 22 200*                                 | 60,6                    | 152,6                    | 9 500                                                                     | 24 700*                                 | 58,0                           |
| 60,0                           | 55,7                    | 149,4                    | 12 200                                                                    | 21 500*                                 | 59,0                    | 151,4                    | 8 700                                                                     | 24 600*                                 | 60,0                           |
| 62,0                           | 54,0                    | 147,9                    | 11 300                                                                    | 20 800*                                 | 57,4                    | 150,1                    | 7 900                                                                     | 24 500*                                 | 62,0                           |
| 64,0                           | 52,3                    | 146,4                    | 10 400                                                                    | 20 100*                                 | 55,7                    | 148,8                    | 7 200                                                                     | 24 300*                                 | 64,0                           |
| 66,0                           | 50,5                    | 144,8                    | 9 600                                                                     | 19 400*                                 | 54,0                    | 147,3                    | 6 500                                                                     | 23 700*                                 | 66,0                           |
| 68,0                           | 48,7                    | 143,0                    | 8 900                                                                     | 18 700*                                 | 52,3                    | 145,8                    | 5 800                                                                     | 23 000*                                 | 68,0                           |
| 70,0                           | 46,9                    | 141,2                    | 8 200                                                                     | 18 000*                                 | 50,6                    | 144,2                    | 5 200                                                                     | 22 300*                                 | 70,0                           |
| 72,0                           | 44,9                    | 139,2                    | 7 500                                                                     | 17 400*                                 | 48,8                    | 142,4                    | 4 600                                                                     | 21 600*                                 | 72,0                           |
| 74,0                           | 43,0                    | 137,1                    | 6 800                                                                     | 16 800*                                 | 46,9                    | 140,6                    | 4 000                                                                     | 20 900*                                 | 74,0                           |
| 76,0                           | 40,9                    | 134,8                    | 6 200                                                                     | 16 200*                                 | 45,0                    | 138,6                    | 3 500                                                                     | 20 300*                                 | 76,0                           |
| 78,0                           | 38,7                    | 132,4                    | 5 700                                                                     | 15 700*                                 | 43,0                    | 136,5                    | 3 000                                                                     | 19 600*                                 | 78,0                           |
| 80,0                           | 36,5                    | 129,7                    | 5 100                                                                     | 15 100*                                 | 41,0                    | 134,2                    | 2 500                                                                     | 19 000*                                 | 80,0                           |
| 82,0                           | 34,1                    | 126,9                    | 4 600                                                                     | 14 600*                                 | 38,8                    | 131,8                    | 2 100                                                                     | 18 400*                                 | 82,0                           |
| 84,0                           | 31,5                    | 123,7                    | 4 100                                                                     | 14 200*                                 | 36,5                    | 129,2                    | 1 700                                                                     | 17 800*                                 | 84,0                           |
| 86,0                           | 28,8                    | 120,2                    | 3 600                                                                     | 13 700*                                 | 34,2                    | 126,3                    | 1 300                                                                     | 17 200*                                 | 86,0                           |
| 88,0                           | 25,7                    | 116,2                    | 3 200                                                                     | 13 400*                                 | 31,6                    | 123,1                    | 800                                                                       | 16 700*                                 | 88,0                           |
| 90,0                           | 22,3                    | 111,6                    | 2 700                                                                     | 13 100*                                 | 28,9                    | 119,6                    |                                                                           | 16 200*                                 | 90,0                           |
| 92,0                           | 18,3                    | 106,0                    | 2 300                                                                     | 12 900*                                 | 25,8                    | 115,7                    |                                                                           | 15 800*                                 | 92,0                           |
| 94,0                           | 13,0                    | 98,6                     | 1 800                                                                     | 12 700*                                 | 22,4                    | 111,1                    |                                                                           | 15 300*                                 | 94,0                           |
| 96,0                           |                         |                          |                                                                           |                                         | 18,4                    | 105,6                    |                                                                           | 15 000*                                 | 96,0                           |
| 98,0                           |                         |                          |                                                                           |                                         | 13,2                    | 98,2                     |                                                                           | 14 500*                                 | 98,0                           |
| 100,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 100,0                          |
| 102,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 102,0                          |
| 104,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 104,0                          |
| 106,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 106,0                          |
| 108,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 108,0                          |
| 110,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 110,0                          |
| 112,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 112,0                          |
| 114,0                          |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 114,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

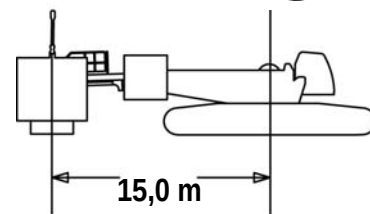
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

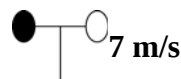
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

78,0 m Boom, 84,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                         | 65 Degree<br>Boom Angle |                                 |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 44,2                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 44,2                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 61,1                    | 151,4                           | 1 700                                                                     | 22 700*                                 |                         |                                 |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 59,5                    | 150,2                           | 1 200                                                                     | 22 700*                                 |                         |                                 |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 57,9                    | 149,0                           |                                                                           | 22 700*                                 |                         |                                 |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 56,3                    | 147,6                           |                                                                           | 22 600                                  |                         |                                 |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 54,6                    | 146,2                           |                                                                           | 21 700                                  |                         |                                 |                                         |                         |                                 |                                         | 72,0                           |
| 74,0                           | 52,9                    | 144,8                           |                                                                           | 20 900                                  |                         |                                 |                                         |                         |                                 |                                         | 74,0                           |
| 76,0                           | 51,2                    | 143,2                           |                                                                           | 20 000                                  | 56,7                    | 145,9                           | 16 300                                  |                         |                                 |                                         | 76,0                           |
| 78,0                           | 49,4                    | 141,5                           |                                                                           | 19 300                                  | 55,0                    | 144,5                           | 15 600                                  |                         |                                 |                                         | 78,0                           |
| 80,0                           | 47,5                    | 139,7                           |                                                                           | 18 500                                  | 53,3                    | 143,0                           | 14 900                                  |                         |                                 |                                         | 80,0                           |
| 82,0                           | 45,6                    | 137,7                           |                                                                           | 17 800                                  | 51,6                    | 141,4                           | 14 300                                  |                         |                                 |                                         | 82,0                           |
| 84,0                           | 43,7                    | 135,7                           |                                                                           | 17 100                                  | 49,8                    | 139,8                           | 13 600                                  |                         |                                 |                                         | 84,0                           |
| 86,0                           | 41,7                    | 133,5                           |                                                                           | 16 400                                  | 48,0                    | 138,0                           | 13 100                                  |                         |                                 |                                         | 86,0                           |
| 88,0                           | 39,5                    | 131,1                           |                                                                           | 15 800                                  | 46,1                    | 136,1                           | 12 500                                  | 51,9                    | 139,0                           | 9 300                                   | 88,0                           |
| 90,0                           | 37,3                    | 128,5                           |                                                                           | 15 200                                  | 44,2                    | 134,1                           | 11 900                                  | 50,1                    | 137,3                           | 8 800*                                  | 90,0                           |
| 92,0                           | 35,0                    | 125,7                           |                                                                           | 14 600                                  | 42,2                    | 131,9                           | 11 500                                  | 48,3                    | 135,6                           | 8 200*                                  | 92,0                           |
| 94,0                           | 32,5                    | 122,7                           |                                                                           | 14 100                                  | 40,1                    | 129,6                           | 10 900                                  | 46,4                    | 133,7                           | 7 700*                                  | 94,0                           |
| 96,0                           | 29,8                    | 119,3                           |                                                                           | 13 600                                  | 37,9                    | 127,0                           | 10 500                                  | 44,5                    | 131,7                           | 7 200*                                  | 96,0                           |
| 98,0                           | 26,9                    | 115,5                           |                                                                           | 13 000                                  | 35,6                    | 124,3                           | 10 000*                                 | 42,5                    | 129,5                           | 6 700*                                  | 98,0                           |
| 100,0                          | 23,6                    | 111,1                           |                                                                           | 12 600                                  | 33,1                    | 121,3                           | 9 500*                                  | 40,4                    | 127,2                           | 6 300*                                  | 100,0                          |
| 102,0                          | 19,8                    | 106,0                           |                                                                           | 12 100                                  | 30,5                    | 118,0                           | 8 900*                                  | 38,2                    | 124,7                           | 5 800*                                  | 102,0                          |
| 104,0                          | 15,1                    | 99,4                            |                                                                           | 11 500*                                 | 27,6                    | 114,3                           | 8 400*                                  | 35,9                    | 122,0                           | 5 400*                                  | 104,0                          |
| 106,0                          | 8,0                     | 89,2                            |                                                                           | 10 900*                                 | 24,5                    | 110,2                           | 7 900*                                  | 33,5                    | 119,1                           | 4 900*                                  | 106,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         | 20,8                    | 105,2                           | 7 400*                                  | 30,9                    | 115,8                           | 4 500*                                  | 108,0                          |
| 110,0                          |                         |                                 |                                                                           |                                         | 16,4                    | 99,1                            | 7 000*                                  | 28,1                    | 112,2                           | 4 200*                                  | 110,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         | 10,3                    | 90,3                            | 6 500*                                  | 25,0                    | 108,1                           | 3 800*                                  | 112,0                          |
| 114,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 21,4                    | 103,3                           | 3 400*                                  | 114,0                          |

# Liftcrane Luffing Jib Capacities

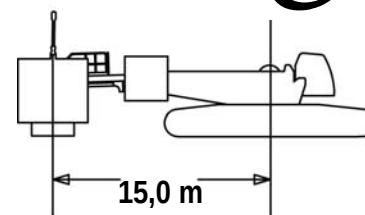
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

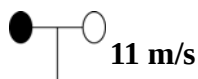
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

84,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         |      | 80 Degree<br>Boom Angle |                          |                                                                           |                                         |  | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |      | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |  |                                |
| 21,3                           | 70,9                    | 108,8                    | 74 200                                                                    | 86 900*d                                |      |                         |                          |                                                                           |                                         |  | 21,3                           |
| 22,0                           | 69,2                    | 108,5                    | 71 600                                                                    | 86 500*d                                |      |                         |                          |                                                                           |                                         |  | 22,0                           |
| 24,0                           | 63,9                    | 107,6                    | 64 000                                                                    | 85 100*b                                |      |                         |                          |                                                                           |                                         |  | 24,0                           |
| 26,0                           | 58,3                    | 106,4                    | 57 800                                                                    | 83 200*b                                |      |                         |                          |                                                                           |                                         |  | 26,0                           |
| 28,0                           | 52,4                    | 104,9                    | 52 600                                                                    | 78 300*b                                | 64,9 | 107,1                   | 45 400                   | 85 600*c                                                                  |                                         |  | 28,0                           |
| 30,0                           | 45,9                    | 103,1                    | 48 100                                                                    | 73 800*                                 | 59,4 | 105,9                   | 41 500                   | 84 200*b                                                                  |                                         |  | 30,0                           |
| 32,0                           | 38,5                    | 100,7                    | 44 200                                                                    | 69 500*                                 | 53,5 | 104,5                   | 38 100                   | 81 400*b                                                                  |                                         |  | 32,0                           |
| 34,0                           | 29,5                    | 97,5                     | 40 700                                                                    | 65 900*                                 | 47,1 | 102,7                   | 35 100                   | 76 600*b                                                                  |                                         |  | 34,0                           |
| 36,0                           | 16,1                    | 92,3                     | 37 400                                                                    | 61 500*                                 | 39,9 | 100,5                   | 32 400                   | 71 700*                                                                   |                                         |  | 36,0                           |
| 38,0                           |                         |                          |                                                                           |                                         | 31,3 | 97,5                    | 30 000                   | 66 900*                                                                   |                                         |  | 38,0                           |
| 40,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 40,0                           |
| 42,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 42,0                           |
| 44,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 44,0                           |
| 46,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 60,0                           |

# Liftcrane Luffing Jib Capacities

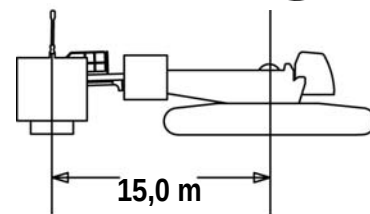
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

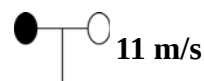
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

84,0 m Boom, 24,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                          |                                                                           |                                         | 70 Degree<br>Boom Angle |                          |                                                                           |                                         | 65 Degree<br>Boom Angle |                          |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 21,3                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 21,3                           |
| 22,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 22,0                           |
| 24,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 24,0                           |
| 26,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 26,0                           |
| 28,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 28,0                           |
| 30,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 30,0                           |
| 32,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 32,0                           |
| 34,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 34,0                           |
| 36,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 36,0                           |
| 38,0                           | 57,0                    | 103,7                    | 21 600                                                                    | 62 800b                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 38,0                           |
| 40,0                           | 50,9                    | 102,2                    | 20 000                                                                    | 59 600b                                 |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 40,0                           |
| 42,0                           | 44,3                    | 100,2                    | 18 500                                                                    | 56 800                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 42,0                           |
| 44,0                           | 36,6                    | 97,7                     | 17 100                                                                    | 54 200                                  |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 44,0                           |
| 46,0                           | 27,0                    | 94,2                     | 15 800                                                                    | 51 800                                  | 54,0                    | 100,7                    | 9 300                                                                     | 46 000b                                 |                         |                          |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         | 47,7                    | 98,9                     | 8 500                                                                     | 43 900b                                 |                         |                          |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         | 40,6                    | 96,8                     | 7 700                                                                     | 42 000                                  |                         |                          |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         | 32,2                    | 93,8                     | 6 900                                                                     | 40 300                                  |                         |                          |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         | 20,7                    | 89,5                     | 6 200                                                                     | 38 600                                  | 50,2                    | 96,8                     | 900                                                                       | 33 900b                                 | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 43,5                    | 94,8                     |                                                                           | 32 500                                  | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 35,7                    | 92,2                     |                                                                           | 31 000                                  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |                         |                          |                                                                           |                                         | 25,8                    | 88,6                     |                                                                           | 29 500                                  | 60,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

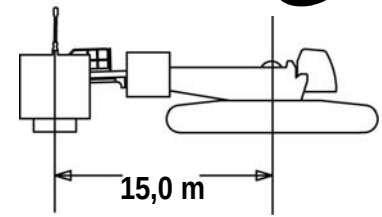
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

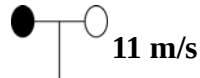
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

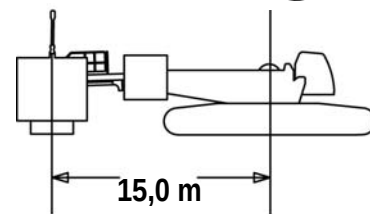
84,0 m Boom, 30,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 24,4                           | 68,6                    | 114,0                           | 62 300                                                                    | 75 600*c                                |                         |                                 |                                                                           |                                         | 24,4                           |
| 26,0                           | 65,2                    | 113,3                           | 57 400                                                                    | 74 600*b                                |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 60,9                    | 112,2                           | 52 200                                                                    | 72 700*b                                |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 56,4                    | 110,9                           | 47 700                                                                    | 68 600*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 51,5                    | 109,4                           | 43 900                                                                    | 64 800*                                 | 61,7                    | 111,7                           | 37 500                                                                    | 74 000*b                                | 32,0                           |
| 34,0                           | 46,4                    | 107,6                           | 40 500                                                                    | 61 100*                                 | 57,2                    | 110,5                           | 34 600                                                                    | 72 800*b                                | 34,0                           |
| 36,0                           | 40,6                    | 105,3                           | 37 500                                                                    | 57 700*                                 | 52,4                    | 109,0                           | 31 900                                                                    | 70 000*                                 | 36,0                           |
| 38,0                           | 34,1                    | 102,6                           | 34 800                                                                    | 54 700*                                 | 47,3                    | 107,2                           | 29 600                                                                    | 66 300*                                 | 38,0                           |
| 40,0                           | 26,1                    | 98,9                            | 32 300                                                                    | 52 200*                                 | 41,7                    | 105,1                           | 27 500                                                                    | 62 800*                                 | 40,0                           |
| 42,0                           | 14,2                    | 93,0                            | 30 000                                                                    | 50 300*                                 | 35,4                    | 102,4                           | 25 600                                                                    | 59 300*                                 | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         | 27,8                    | 99,0                            | 23 800                                                                    | 55 700*                                 | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |

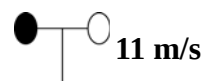
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

84,0 m Boom, 30,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 24,4                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 24,4                  |
| 26,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 26,0                  |
| 28,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 28,0                  |
| 30,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 30,0                  |
| 32,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 32,0                  |
| 34,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 34,0                  |
| 36,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 36,0                  |
| 38,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,0                  |
| 40,0                  | 59,9                 | 109,6                  | 19 300                                                     | 58 100b                        |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  | 55,3                 | 108,2                  | 17 900                                                     | 55 300                         |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  | 50,4                 | 106,6                  | 16 600                                                     | 52 700                         |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  | 45,1                 | 104,7                  | 15 400                                                     | 50 300                         |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  | 39,2                 | 102,4                  | 14 300                                                     | 48 200                         |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 32,5                 | 99,4                   | 13 200                                                     | 46 200                         | 52,9                 | 105,2                  | 7 000                                                      | 40 700                         |                      |                        |                                | 50,0                  |
| 52,0                  | 24,0                 | 95,5                   | 12 200                                                     | 44 400                         | 47,8                 | 103,4                  | 6 300                                                      | 39 000                         |                      |                        |                                | 52,0                  |
| 54,0                  |                      |                        |                                                            |                                | 42,3                 | 101,3                  | 5 700                                                      | 37 400                         |                      |                        |                                | 54,0                  |
| 56,0                  |                      |                        |                                                            |                                | 36,0                 | 98,7                   | 5 100                                                      | 36 000                         |                      |                        |                                | 56,0                  |
| 58,0                  |                      |                        |                                                            |                                | 28,5                 | 95,4                   | 4 500                                                      | 34 600                         | 49,8                 | 101,2                  | 30 100                         | 58,0                  |
| 60,0                  |                      |                        |                                                            |                                | 18,3                 | 90,4                   | 3 900                                                      | 33 000                         | 44,5                 | 99,3                   | 28 900                         | 60,0                  |
| 62,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 38,5                 | 96,9                   | 27 600                         | 62,0                  |
| 64,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 31,6                 | 93,9                   | 26 400                         | 64,0                  |
| 66,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 22,8                 | 89,8                   | 25 200                         | 66,0                  |

# Liftcrane Luffing Jib Capacities

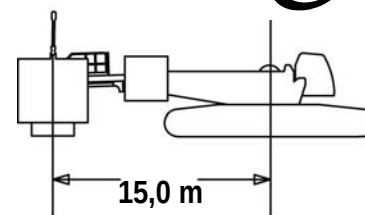
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

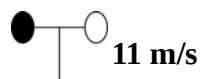
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

84,0 m Boom, 36,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         |      | 80 Degree<br>Boom Angle |                          |                                                                           |                                         |  | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |      | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |  |                                |
| 25,9                           | 69,8                    | 119,9                    | 56 900                                                                    | 66 400*b                                |      |                         |                          |                                                                           |                                         |  | 25,9                           |
| 26,0                           | 69,6                    | 119,9                    | 56 600                                                                    | 66 400*b                                |      |                         |                          |                                                                           |                                         |  | 26,0                           |
| 28,0                           | 66,1                    | 119,0                    | 51 400                                                                    | 65 600*b                                |      |                         |                          |                                                                           |                                         |  | 28,0                           |
| 30,0                           | 62,6                    | 118,0                    | 47 000                                                                    | 63 700*                                 |      |                         |                          |                                                                           |                                         |  | 30,0                           |
| 32,0                           | 58,9                    | 116,8                    | 43 100                                                                    | 60 400*                                 | 66,8 | 118,5                   | 36 600                   | 65 600*b                                                                  |                                         |  | 32,0                           |
| 34,0                           | 55,0                    | 115,4                    | 39 800                                                                    | 57 200*                                 | 63,2 | 117,5                   | 33 600                   | 65 100*b                                                                  |                                         |  | 34,0                           |
| 36,0                           | 51,0                    | 113,9                    | 36 800                                                                    | 54 200*                                 | 59,6 | 116,3                   | 31 100                   | 64 300*                                                                   |                                         |  | 36,0                           |
| 38,0                           | 46,7                    | 112,0                    | 34 200                                                                    | 51 200*                                 | 55,8 | 115,0                   | 28 800                   | 62 200*                                                                   |                                         |  | 38,0                           |
| 40,0                           | 42,0                    | 109,9                    | 31 800                                                                    | 48 400*                                 | 51,7 | 113,5                   | 26 700                   | 59 100*                                                                   |                                         |  | 40,0                           |
| 42,0                           | 36,9                    | 107,3                    | 29 700                                                                    | 45 900*                                 | 47,5 | 111,7                   | 24 900                   | 56 200*                                                                   |                                         |  | 42,0                           |
| 44,0                           | 31,0                    | 104,2                    | 27 700                                                                    | 43 700*                                 | 42,9 | 109,6                   | 23 200                   | 53 300*                                                                   |                                         |  | 44,0                           |
| 46,0                           | 23,7                    | 100,1                    | 25 900                                                                    | 42 000*                                 | 37,8 | 107,2                   | 21 600                   | 50 700*                                                                   |                                         |  | 46,0                           |
| 48,0                           |                         |                          |                                                                           |                                         | 32,1 | 104,2                   | 20 200                   | 48 200*                                                                   |                                         |  | 48,0                           |
| 50,0                           |                         |                          |                                                                           |                                         | 25,2 | 100,3                   | 18 900                   | 46 100*                                                                   |                                         |  | 50,0                           |
| 52,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 52,0                           |
| 54,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 54,0                           |
| 56,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 56,0                           |
| 58,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 72,0                           |

# Liftcrane Luffing Jib Capacities

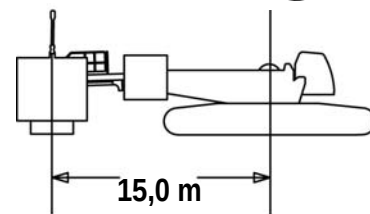
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

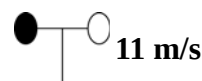
142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

84,0 m Boom, 36,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 25,9                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 25,9                  |
| 26,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 26,0                  |
| 28,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 28,0                  |
| 30,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 30,0                  |
| 32,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 32,0                  |
| 34,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 34,0                  |
| 36,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 36,0                  |
| 38,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,0                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  | 58,0                 | 114,1                  | 15 600                                                     | 50 900                         |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  | 54,1                 | 112,7                  | 14 400                                                     | 48 600                         |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  | 50,0                 | 111,1                  | 13 400                                                     | 46 500                         |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 45,6                 | 109,2                  | 12 400                                                     | 44 500                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 40,9                 | 107,0                  | 11 400                                                     | 42 700                         | 56,1                 | 111,2                  | 5 200                                                      | 37 400                         |                      |                        |                                | 52,0                  |
| 54,0                  | 35,6                 | 104,3                  | 10 600                                                     | 41 000                         | 52,1                 | 109,7                  | 4 700                                                      | 35 900                         |                      |                        |                                | 54,0                  |
| 56,0                  | 29,4                 | 101,0                  | 9 800                                                      | 39 500                         | 47,9                 | 107,9                  | 4 100                                                      | 34 400                         |                      |                        |                                | 56,0                  |
| 58,0                  | 21,7                 | 96,6                   | 9 000                                                      | 38 000                         | 43,3                 | 105,8                  | 3 600                                                      | 33 100                         |                      |                        |                                | 58,0                  |
| 60,0                  |                      |                        |                                                            |                                | 38,3                 | 103,4                  | 3 100                                                      | 31 800                         |                      |                        |                                | 60,0                  |
| 62,0                  |                      |                        |                                                            |                                | 32,7                 | 100,5                  | 2 600                                                      | 30 600                         | 49,6                 | 105,7                  | 26 300                         | 62,0                  |
| 64,0                  |                      |                        |                                                            |                                | 25,9                 | 96,7                   | 2 200                                                      | 29 500                         | 45,1                 | 103,8                  | 25 300                         | 64,0                  |
| 66,0                  |                      |                        |                                                            |                                | 16,5                 | 91,2                   | 1 600                                                      | 28 200                         | 40,3                 | 101,5                  | 24 300                         | 66,0                  |
| 68,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 35,0                 | 98,8                   | 23 300                         | 68,0                  |
| 70,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 28,7                 | 95,4                   | 22 300                         | 70,0                  |
| 72,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 20,7                 | 90,8                   | 21 300                         | 72,0                  |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

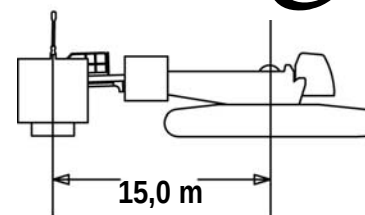
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

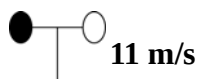
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

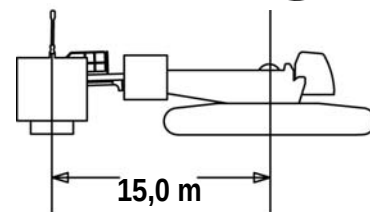
84,0 m Boom, 42,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                                 |                                                                           |                                         | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 27,4                           | 70,6                    | 125,7                           | 52 200                                                                    | 58 300*                                 |                         |                                 |                                                                           |                                         | 27,4                           |
| 28,0                           | 69,7                    | 125,5                           | 50 900                                                                    | 58 200*                                 |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 66,8                    | 124,7                           | 46 400                                                                    | 57 600*                                 |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 63,8                    | 123,7                           | 42 500                                                                    | 56 000*                                 |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 60,6                    | 122,6                           | 39 200                                                                    | 53 500*                                 |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 57,4                    | 121,4                           | 36 300                                                                    | 50 900*                                 | 64,3                    | 123,2                           | 30 400                                                                    | 57 100*                                 | 36,0                           |
| 38,0                           | 54,1                    | 119,9                           | 33 600                                                                    | 48 400*                                 | 61,2                    | 122,1                           | 28 100                                                                    | 56 600*                                 | 38,0                           |
| 40,0                           | 50,6                    | 118,3                           | 31 300                                                                    | 45 900*                                 | 58,0                    | 120,9                           | 26 100                                                                    | 55 500*                                 | 40,0                           |
| 42,0                           | 46,9                    | 116,5                           | 29 200                                                                    | 43 500*                                 | 54,7                    | 119,5                           | 24 200                                                                    | 53 100*                                 | 42,0                           |
| 44,0                           | 43,0                    | 114,4                           | 27 300                                                                    | 41 300*                                 | 51,2                    | 117,9                           | 22 600                                                                    | 50 600*                                 | 44,0                           |
| 46,0                           | 38,7                    | 112,0                           | 25 500                                                                    | 39 200*                                 | 47,6                    | 116,2                           | 21 100                                                                    | 48 200*                                 | 46,0                           |
| 48,0                           | 34,0                    | 109,2                           | 23 900                                                                    | 37 300*                                 | 43,7                    | 114,1                           | 19 700                                                                    | 45 900*                                 | 48,0                           |
| 50,0                           | 28,5                    | 105,8                           | 22 400                                                                    | 35 700*                                 | 39,5                    | 111,8                           | 18 400                                                                    | 43 700*                                 | 50,0                           |
| 52,0                           | 21,8                    | 101,3                           | 21 000                                                                    | 34 400*                                 | 34,9                    | 109,1                           | 17 200                                                                    | 41 600*                                 | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 29,6                    | 105,7                           | 16 100                                                                    | 39 800*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 23,2                    | 101,5                           | 15 000                                                                    | 38 200*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 78,0                           |

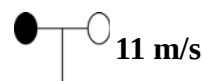
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

84,0 m Boom, 42,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 27,4                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 27,4                  |
| 28,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 28,0                  |
| 30,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 30,0                  |
| 32,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 32,0                  |
| 34,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 34,0                  |
| 36,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 36,0                  |
| 38,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,0                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  | 59,9                 | 120,0                  | 13 600                                                     | 47 200                         |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  | 56,7                 | 118,7                  | 12 600                                                     | 45 100                         |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 53,3                 | 117,2                  | 11 600                                                     | 43 200                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 49,8                 | 115,6                  | 10 800                                                     | 41 400                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 46,0                 | 113,7                  | 9 900                                                      | 39 700                         |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 42,0                 | 111,5                  | 9 200                                                      | 38 200                         | 55,0                 | 115,7                  | 3 300                                                      | 33 200                         |                      |                        |                                | 56,0                  |
| 58,0                  | 37,7                 | 109,1                  | 8 400                                                      | 36 700                         | 51,6                 | 114,1                  | 2 800                                                      | 31 900                         |                      |                        |                                | 58,0                  |
| 60,0                  | 32,8                 | 106,1                  | 7 700                                                      | 35 400                         | 47,9                 | 112,4                  | 2 300                                                      | 30 600                         |                      |                        |                                | 60,0                  |
| 62,0                  | 27,1                 | 102,5                  | 7 100                                                      | 34 100                         | 44,1                 | 110,4                  | 1 900                                                      | 29 400                         |                      |                        |                                | 62,0                  |
| 64,0                  | 20,0                 | 97,6                   | 6 400                                                      | 32 900                         | 39,9                 | 108,1                  | 1 500                                                      | 28 300                         | 52,9                 | 111,8                  | 24 100                         | 64,0                  |
| 66,0                  |                      |                        |                                                            |                                | 35,3                 | 105,3                  | 1 100                                                      | 27 300                         | 49,4                 | 110,2                  | 23 200                         | 66,0                  |
| 68,0                  |                      |                        |                                                            |                                | 30,1                 | 102,1                  |                                                            | 26 400                         | 45,6                 | 108,3                  | 22 300                         | 68,0                  |
| 70,0                  |                      |                        |                                                            |                                | 23,9                 | 98,0                   |                                                            | 25 300                         | 41,5                 | 106,1                  | 21 400                         | 70,0                  |
| 72,0                  |                      |                        |                                                            |                                | 15,2                 | 92,0                   |                                                            | 24 200                         | 37,1                 | 103,6                  | 20 700                         | 72,0                  |
| 74,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 32,2                 | 100,6                  | 19 800*                        | 74,0                  |
| 76,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 26,4                 | 96,8                   | 18 900*                        | 76,0                  |
| 78,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 19,1                 | 91,8                   | 18 100*                        | 78,0                  |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

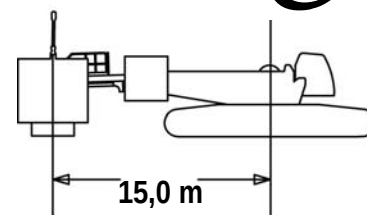
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

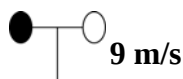
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

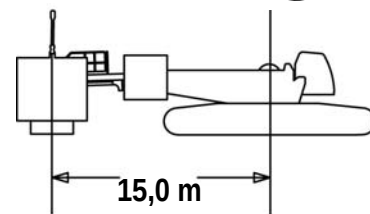
84,0 m Boom, 48,0 m Luffing Jib



| Jib<br>Oper.<br>Rad.<br>Meters | 83 Degree<br>Boom Angle |                          |                                                                           |                                         |      | 80 Degree<br>Boom Angle |                          |                                                                           |                                         |  | Jib<br>Oper.<br>Rad.<br>Meters |
|--------------------------------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|------|-------------------------|--------------------------|---------------------------------------------------------------------------|-----------------------------------------|--|--------------------------------|
|                                | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |      | Jib<br>Ang.<br>Deg.     | Point<br>Elev.<br>Meters | Minimum<br>Luffing Jib<br>Capacity<br>To Swing<br>and Travel<br>Kilograms | Luffing<br>Jib<br>Capacity<br>Kilograms |  |                                |
| 30,5                           | 69,2                    | 131,0                    | 44 600                                                                    | 51 200*                                 |      |                         |                          |                                                                           |                                         |  | 30,5                           |
| 32,0                           | 67,3                    | 130,4                    | 41 700                                                                    | 50 900*                                 |      |                         |                          |                                                                           |                                         |  | 32,0                           |
| 34,0                           | 64,6                    | 129,4                    | 38 400                                                                    | 49 500*                                 |      |                         |                          |                                                                           |                                         |  | 34,0                           |
| 36,0                           | 61,9                    | 128,4                    | 35 500                                                                    | 47 500*                                 |      |                         |                          |                                                                           |                                         |  | 36,0                           |
| 38,0                           | 59,2                    | 127,2                    | 32 900                                                                    | 45 400*                                 | 65,1 | 128,9                   | 27 100                   | 50 300*                                                                   |                                         |  | 38,0                           |
| 40,0                           | 56,3                    | 125,9                    | 30 500                                                                    | 43 200*                                 | 62,4 | 127,9                   | 25 100                   | 50 000*                                                                   |                                         |  | 40,0                           |
| 42,0                           | 53,4                    | 124,4                    | 28 400                                                                    | 41 200*                                 | 59,7 | 126,7                   | 23 300                   | 49 400*                                                                   |                                         |  | 42,0                           |
| 44,0                           | 50,3                    | 122,8                    | 26 500                                                                    | 39 200*                                 | 56,8 | 125,4                   | 21 700                   | 47 600*                                                                   |                                         |  | 44,0                           |
| 46,0                           | 47,1                    | 121,0                    | 24 800                                                                    | 37 200*                                 | 53,9 | 124,0                   | 20 200                   | 45 600*                                                                   |                                         |  | 46,0                           |
| 48,0                           | 43,6                    | 118,9                    | 23 200                                                                    | 35 400*                                 | 50,9 | 122,4                   | 18 800                   | 43 600*                                                                   |                                         |  | 48,0                           |
| 50,0                           | 40,0                    | 116,6                    | 21 700                                                                    | 33 700*                                 | 47,7 | 120,6                   | 17 500                   | 41 600*                                                                   |                                         |  | 50,0                           |
| 52,0                           | 36,0                    | 114,0                    | 20 400                                                                    | 32 100*                                 | 44,3 | 118,6                   | 16 400                   | 39 700*                                                                   |                                         |  | 52,0                           |
| 54,0                           | 31,6                    | 110,9                    | 19 100                                                                    | 30 700*                                 | 40,7 | 116,4                   | 15 300                   | 37 900*                                                                   |                                         |  | 54,0                           |
| 56,0                           | 26,6                    | 107,2                    | 18 000                                                                    | 29 500*                                 | 36,8 | 113,8                   | 14 300                   | 36 200*                                                                   |                                         |  | 56,0                           |
| 58,0                           | 20,3                    | 102,3                    | 16 900                                                                    | 28 600*                                 | 32,5 | 110,8                   | 13 400                   | 34 600*                                                                   |                                         |  | 58,0                           |
| 60,0                           |                         |                          |                                                                           |                                         | 27,6 | 107,2                   | 12 500                   | 33 200*                                                                   |                                         |  | 60,0                           |
| 62,0                           |                         |                          |                                                                           |                                         | 21,6 | 102,6                   | 11 600                   | 32 000*                                                                   |                                         |  | 62,0                           |
| 64,0                           |                         |                          |                                                                           |                                         | 13,2 | 95,9                    | 10 800                   | 31 200*                                                                   |                                         |  | 64,0                           |
| 66,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 66,0                           |
| 68,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 68,0                           |
| 70,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 70,0                           |
| 72,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 72,0                           |
| 74,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 74,0                           |
| 76,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 76,0                           |
| 78,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 78,0                           |
| 80,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 80,0                           |
| 82,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 82,0                           |
| 84,0                           |                         |                          |                                                                           |                                         |      |                         |                          |                                                                           |                                         |  | 84,0                           |

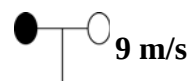
# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
 with 30,0 m Mast No. 59A  
 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



## 16000 MAX-ER

84,0 m Boom, 48,0 m Luffing Jib



| Jib Oper. Rad. Meters | 75 Degree Boom Angle |                        |                                                            |                                | 70 Degree Boom Angle |                        |                                                            |                                | 65 Degree Boom Angle |                        |                                | Jib Oper. Rad. Meters |
|-----------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|------------------------------------------------------------|--------------------------------|----------------------|------------------------|--------------------------------|-----------------------|
|                       | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Minimum Luffing Jib Capacity To Swing and Travel Kilograms | Luffing Jib Capacity Kilograms | Jib Ang. Deg.        | Jib Point Elev. Meters | Luffing Jib Capacity Kilograms |                       |
| 30,5                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 30,5                  |
| 32,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 32,0                  |
| 34,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 34,0                  |
| 36,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 36,0                  |
| 38,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 38,0                  |
| 40,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 40,0                  |
| 42,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 42,0                  |
| 44,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 44,0                  |
| 46,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                |                      |                        |                                | 46,0                  |
| 48,0                  | 61,3                 | 125,7                  | 11 500                                                     | 43 500                         |                      |                        |                                                            |                                |                      |                        |                                | 48,0                  |
| 50,0                  | 58,5                 | 124,5                  | 10 600                                                     | 41 600                         |                      |                        |                                                            |                                |                      |                        |                                | 50,0                  |
| 52,0                  | 55,6                 | 123,2                  | 9 700                                                      | 39 800                         |                      |                        |                                                            |                                |                      |                        |                                | 52,0                  |
| 54,0                  | 52,7                 | 121,7                  | 8 900                                                      | 38 200                         |                      |                        |                                                            |                                |                      |                        |                                | 54,0                  |
| 56,0                  | 49,6                 | 120,0                  | 8 200                                                      | 36 700                         |                      |                        |                                                            |                                |                      |                        |                                | 56,0                  |
| 58,0                  | 46,3                 | 118,2                  | 7 500                                                      | 35 300                         | 57,1                 | 121,6                  | 1 700                                                      | 30 300                         |                      |                        |                                | 58,0                  |
| 60,0                  | 42,8                 | 116,1                  | 6 900                                                      | 33 900                         | 54,2                 | 120,2                  | 1 200                                                      | 29 100                         |                      |                        |                                | 60,0                  |
| 62,0                  | 39,1                 | 113,7                  | 6 300                                                      | 32 600                         | 51,1                 | 118,6                  | 800                                                        | 28 000                         |                      |                        |                                | 62,0                  |
| 64,0                  | 35,1                 | 110,9                  | 5 700                                                      | 31 500                         | 48,0                 | 116,8                  |                                                            | 26 900                         |                      |                        |                                | 64,0                  |
| 66,0                  | 30,6                 | 107,7                  | 5 100                                                      | 30 400                         | 44,6                 | 114,9                  |                                                            | 25 900                         |                      |                        |                                | 66,0                  |
| 68,0                  | 25,3                 | 103,8                  | 4 600                                                      | 29 300                         | 41,0                 | 112,6                  |                                                            | 24 900                         |                      |                        |                                | 68,0                  |
| 70,0                  | 18,6                 | 98,6                   | 4 000                                                      | 28 300                         | 37,2                 | 110,1                  |                                                            | 24 000                         | 49,2                 | 114,7                  | 20 100                         | 70,0                  |
| 72,0                  |                      |                        |                                                            |                                | 32,9                 | 107,1                  |                                                            | 23 200                         | 45,9                 | 112,8                  | 19 300                         | 72,0                  |
| 74,0                  |                      |                        |                                                            |                                | 28,0                 | 103,6                  |                                                            | 22 400                         | 42,4                 | 110,6                  | 18 600                         | 74,0                  |
| 76,0                  |                      |                        |                                                            |                                | 22,2                 | 99,2                   |                                                            | 21 600                         | 38,7                 | 108,2                  | 17 800                         | 76,0                  |
| 78,0                  |                      |                        |                                                            |                                | 14,2                 | 92,7                   |                                                            | 20 600                         | 34,6                 | 105,4                  | 17 000*                        | 78,0                  |
| 80,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 30,0                 | 102,2                  | 16 300*                        | 80,0                  |
| 82,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 24,6                 | 98,1                   | 15 500*                        | 82,0                  |
| 84,0                  |                      |                        |                                                            |                                |                      |                        |                                                            |                                | 17,7                 | 92,7                   | 14 800*                        | 84,0                  |