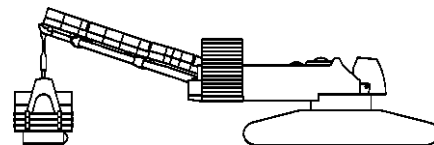


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

18000 With  
21000 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 do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*).

**Luffing Jib Backward Stability:** Capacities indicated by (b) require 9 530 kg minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b) 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 must be attached to support beam 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.

Simultaneous hoisting of both load drums is required for even block travel.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath 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 3m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. A08238**, Wire Rope Specification chart **No. 8592-A or 8592-B**, Counterweight Arrangement chart **No. 8577-A** and Luffing Jib Raising Procedure chart **No. 8556-A**. 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.

**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface and boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8564-A**.

**OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle 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, 11 811 mm crawlers, 1 524 mm treads, 9,1m live mast, 42,7m mast, 16 part boom hoist reeving, boom support straps, 24 part luffing jib hoist reeving, luffing jib and backstay support straps, 223 170 kg crane counterweight, 145 150 kg carbody counterweight and 212 190 kg hanging counterweight.

**WARNING:** Check amount of hanging counterweight on machine before use of this chart. Refer to Counterweight Assembly.

| Upper Luffing Jib Point Capacity<br>For Liftcrane Service - Whip Line                                      |           |           |
|------------------------------------------------------------------------------------------------------------|-----------|-----------|
| 28 mm                                                                                                      |           | 32 mm     |
| Drum 2                                                                                                     | Drum 3    | Drum 2    |
| Single Part Line                                                                                           |           |           |
| 16 240 kg                                                                                                  | 13 610 kg | 22 140 kg |
| Two Part Line                                                                                              |           |           |
| Upper Boom Point No. A08516                                                                                |           |           |
| 32 480 kg                                                                                                  | 27 220 kg | 44 270 kg |
| In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity. |           |           |

#### Boom and/or Jib Catwalks Deduct

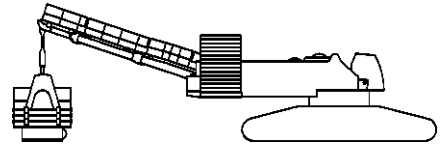
Deduct 600 kg from capacities when boom and/or jib catwalks are attached.

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 48,8m (160 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 64,5                    | 75,6                            | 201 100                                                                   | 273 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,4                           |
| 26,0                           | 60,6                    | 74,6                            | 185 900                                                                   | 256 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 55,5                    | 73,2                            | 169 700                                                                   | 237 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 50,0                    | 71,5                            | 155 700                                                                   | 220 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 44,0                    | 69,4                            | 143 500                                                                   | 205 900*                                | 55,9                    | 72,3                            | 134 400                                                                   | 199 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 37,2                    | 66,8                            | 132 800                                                                   | 192 900*                                | 50,4                    | 70,6                            | 124 400                                                                   | 187 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 28,8                    | 63,4                            | 123 100                                                                   | 174 500*                                | 44,5                    | 68,6                            | 115 600                                                                   | 176 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           |                         |                                 |                                                                           |                                         | 37,7                    | 66,0                            | 107 600                                                                   | 165 900*                                | 50,5                    | 69,3                            | 100 300                                                                   | 161 000*                                |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                                 |                                                                           |                                         | 29,5                    | 62,6                            | 100 300                                                                   | 156 700*                                | 44,6                    | 67,2                            | 93 700                                                                    | 152 200*                                |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         | 17,5                    | 57,3                            | 93 400                                                                    | 141 100*                                | 37,8                    | 64,7                            | 87 600                                                                    | 144 100*                                | 50,3                    | 67,4                            | 81 300                                                                    | 139 800*                                | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,7                    | 61,3                            | 82 000                                                                    | 136 700*                                | 44,3                    | 65,4                            | 76 100                                                                    | 132 700*                                | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 37,5                    | 62,8                            | 71 400                                                                    | 126 200*                                | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,2                    | 59,4                            | 67 000                                                                    | 120 100*                                | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,0                    | 53,9                            | 62 700                                                                    | 114 300*                                | 50,0                           |

## 48,8m (160 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

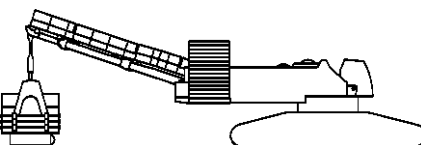
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,6                    | 81,6                            | 186 400                                                                   | 256 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,9                           |
| 26,0                           | 66,4                    | 81,6                            | 185 700                                                                   | 255 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 62,6                    | 80,5                            | 169 400                                                                   | 236 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 58,5                    | 79,3                            | 155 500                                                                   | 219 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 54,3                    | 77,8                            | 143 500                                                                   | 205 400*                                | 62,8                    | 79,6                            | 133 800                                                                   | 198 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 49,8                    | 76,1                            | 132 900                                                                   | 192 500*                                | 58,8                    | 78,3                            | 123 900                                                                   | 186 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 45,0                    | 74,1                            | 123 500                                                                   | 181 000*                                | 54,6                    | 76,9                            | 115 100                                                                   | 175 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 39,7                    | 71,7                            | 115 100                                                                   | 170 700*                                | 50,2                    | 75,2                            | 107 400                                                                   | 165 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 33,6                    | 68,8                            | 107 600                                                                   | 159 700*                                | 45,4                    | 73,2                            | 100 300                                                                   | 156 400*                                | 54,7                    | 75,6                            | 93 000                                                                    | 151 500*                                |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 26,1                    | 64,9                            | 100 700                                                                   | 143 800*                                | 40,1                    | 70,9                            | 94 000                                                                    | 148 200*                                | 50,3                    | 73,9                            | 87 100                                                                    | 143 500*                                |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         | 34,0                    | 68,0                            | 88 200                                                                    | 140 600*                                | 45,5                    | 71,9                            | 81 700                                                                    | 136 200*                                | 50,0                    | 72,1                            | 70 700                                                                    | 125 400*                                | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         | 26,7                    | 64,2                            | 82 800                                                                    | 133 700*                                | 40,2                    | 69,5                            | 76 800                                                                    | 129 600*                                | 45,2                    | 70,1                            | 66 500                                                                    | 119 500*                                | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 16,2                    | 58,4                            | 77 500                                                                    | 120 600*                                | 34,2                    | 66,6                            | 72 200                                                                    | 123 500*                                | 39,9                    | 67,7                            | 62 600                                                                    | 114 000*                                | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,9                    | 62,9                            | 68 000                                                                    | 117 700*                                | 33,9                    | 64,7                            | 59 000                                                                    | 108 900*                                | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,5                    | 60,9                            | 55 600                                                                    | 104 200*                                | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,8                    | 55,0                            | 52 100                                                                    | 99 500*                                 | 56,0                           |

Capacities indicated by (b) require  
 9 530 kg minimum weight suspended  
 beneath luffing jib point.

# Liftcrane Luffing Jib Capacities

**Luffing Jib No. 79A On**  
**Boom No. 55 or No. 55A with 42,7m Mast No. 56**  
**223 170 kg Crane Counterweight**  
**145 150 kg Carbody Counterweight**  
**212 190 kg Hanging Counterweight**  
**at 18m Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**



**18000 With  
21000 MAX-ER**

## 48,8m (160 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 65,6                    | 86,9                            | 161 200                                                                   | 226 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,0                           |
| 30,0                           | 63,9                    | 86,4                            | 154 300                                                                   | 218 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 60,6                    | 85,2                            | 142 200                                                                   | 204 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 57,1                    | 83,9                            | 131 700                                                                   | 191 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 53,5                    | 82,4                            | 122 400                                                                   | 179 800*                                | 60,8                    | 84,3                            | 113 600                                                                   | 173 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 49,7                    | 80,7                            | 114 100                                                                   | 169 600*                                | 57,4                    | 83,0                            | 105 800                                                                   | 163 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 45,6                    | 78,7                            | 106 700                                                                   | 160 000*                                | 53,8                    | 81,5                            | 98 900                                                                    | 155 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 41,3                    | 76,5                            | 100 000                                                                   | 148 900*                                | 50,0                    | 79,8                            | 92 600                                                                    | 146 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 36,4                    | 73,8                            | 93 900                                                                    | 138 100*                                | 45,9                    | 77,9                            | 86 900                                                                    | 139 400*                                | 53,8                    | 80,2                            | 80 000                                                                    | 134 800*                                |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 30,9                    | 70,5                            | 88 200                                                                    | 128 600*                                | 41,6                    | 75,6                            | 81 800                                                                    | 132 700*                                | 50,1                    | 78,5                            | 75 200                                                                    | 128 200*                                |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 24,2                    | 66,3                            | 83 000                                                                    | 117 100*                                | 36,8                    | 73,0                            | 77 000                                                                    | 126 400*                                | 46,0                    | 76,5                            | 70 800                                                                    | 122 100*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 31,3                    | 69,8                            | 72 600                                                                    | 120 600*                                | 41,7                    | 74,3                            | 66 700                                                                    | 116 500*                                | 49,9                    | 76,6                            | 60 900                                                                    | 112 500*                                | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         | 24,7                    | 65,7                            | 68 400                                                                    | 115 100*                                | 36,9                    | 71,7                            | 62 900                                                                    | 111 300*                                | 45,8                    | 74,7                            | 57 400                                                                    | 107 600*                                | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 15,3                    | 59,5                            | 64 300                                                                    | 103 800*                                | 31,5                    | 68,5                            | 59 300                                                                    | 106 500*                                | 41,5                    | 72,4                            | 54 100                                                                    | 102 900*                                | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,9                    | 64,4                            | 56 000                                                                    | 102 000*                                | 36,7                    | 69,8                            | 51 100                                                                    | 98 500*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 31,2                    | 66,6                            | 48 200                                                                    | 94 400*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,5                    | 62,4                            | 45 500                                                                    | 90 500*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,9                    | 56,1                            | 42 700                                                                    | 86 600*                                 | 62,0                           |

## 48,8m (160 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

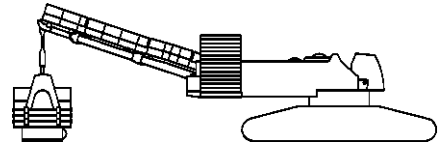
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 30,5                           | 67,0                    | 92,9                            | 150 400                                                                   | 213 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,5                           |
| 32,0                           | 64,9                    | 92,2                            | 141 400                                                                   | 203 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 62,0                    | 91,1                            | 130 900                                                                   | 190 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 59,1                    | 89,9                            | 121 600                                                                   | 178 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 56,0                    | 88,6                            | 113 400                                                                   | 168 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 52,9                    | 87,0                            | 106 000                                                                   | 159 500*                                | 59,3                    | 89,0                            | 97 800                                                                    | 154 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 49,6                    | 85,3                            | 99 300                                                                    | 149 900*                                | 56,3                    | 87,6                            | 91 600                                                                    | 145 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 46,1                    | 83,4                            | 93 300                                                                    | 138 900*                                | 53,1                    | 86,1                            | 86 000                                                                    | 138 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 42,4                    | 81,2                            | 87 800                                                                    | 129 400*                                | 49,8                    | 84,4                            | 80 900                                                                    | 131 800*                                | 56,3                    | 86,3                            | 74 000                                                                    | 127 100*                                |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 38,4                    | 78,7                            | 82 700                                                                    | 121 000*                                | 46,4                    | 82,5                            | 76 200                                                                    | 125 600*                                | 53,2                    | 84,8                            | 69 700                                                                    | 121 100*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 33,9                    | 75,8                            | 78 000                                                                    | 113 300*                                | 42,7                    | 80,3                            | 71 900                                                                    | 119 800*                                | 49,9                    | 83,1                            | 65 600                                                                    | 115 600*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 28,9                    | 72,2                            | 73 700                                                                    | 106 400*                                | 38,7                    | 77,8                            | 67 900                                                                    | 114 500*                                | 46,4                    | 81,2                            | 61 900                                                                    | 110 400*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 22,7                    | 67,7                            | 69 600                                                                    | 97 700*                                 | 34,3                    | 75,0                            | 64 100                                                                    | 109 600*                                | 42,8                    | 79,0                            | 58 500                                                                    | 105 700*                                | 49,7                    | 81,2                            | 53 000                                                                    | 101 900*                                | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 29,3                    | 71,5                            | 60 600                                                                    | 105 000*                                | 38,8                    | 76,5                            | 55 300                                                                    | 101 200*                                | 46,3                    | 79,3                            | 50 000                                                                    | 97 600*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 23,2                    | 67,1                            | 57 300                                                                    | 100 500*                                | 34,4                    | 73,6                            | 52 300                                                                    | 97 100*                                 | 42,6                    | 77,2                            | 47 200                                                                    | 93 500*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 14,6                    | 60,6                            | 54 000                                                                    | 87 400*                                 | 29,4                    | 70,2                            | 49 500                                                                    | 93 200*                                 | 38,6                    | 74,7                            | 44 600                                                                    | 89 700*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,3                    | 65,8                            | 46 700                                                                    | 89 300*                                 | 34,1                    | 71,7                            | 42 200                                                                    | 86 100*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,9                    | 59,3                            | 44 000                                                                    | 85 700*                                 | 29,1                    | 68,2                            | 39 800                                                                    | 82 700*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,0                    | 63,8                            | 37 600                                                                    | 79 400*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,3                    | 57,2                            | 35 300                                                                    | 76 300*                                 | 68,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 48,8m (160 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

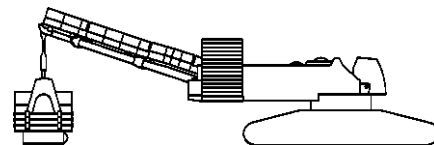
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,2                    | 98,2                            | 131 700                                                                   | 190 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 33,5                           |
| 34,0                           | 65,6                    | 98,0                            | 129 400                                                                   | 188 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 63,1                    | 97,0                            | 120 100                                                                   | 177 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 60,6                    | 95,8                            | 111 800                                                                   | 167 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 57,9                    | 94,6                            | 104 500                                                                   | 158 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 55,2                    | 93,2                            | 97 800                                                                    | 148 900*                                | 60,7                    | 94,9                            | 89 900                                                                    | 144 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 52,4                    | 91,6                            | 91 900                                                                    | 138 400*                                | 58,1                    | 93,7                            | 84 200                                                                    | 137 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 49,5                    | 89,9                            | 86 400                                                                    | 128 900*                                | 55,4                    | 92,2                            | 79 100                                                                    | 130 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 46,5                    | 88,0                            | 81 400                                                                    | 120 500*                                | 52,6                    | 90,7                            | 74 500                                                                    | 124 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 43,2                    | 85,9                            | 76 800                                                                    | 112 900*                                | 49,7                    | 89,0                            | 70 200                                                                    | 118 400*                                | 55,5                    | 90,9                            | 63 700                                                                    | 114 000*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 39,8                    | 83,5                            | 72 500                                                                    | 106 000*                                | 46,7                    | 87,1                            | 66 300                                                                    | 113 200*                                | 52,7                    | 89,4                            | 60 100                                                                    | 108 900*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 36,1                    | 80,8                            | 68 600                                                                    | 99 800*                                 | 43,5                    | 85,0                            | 62 600                                                                    | 108 300*                                | 49,8                    | 87,7                            | 56 700                                                                    | 104 200*                                |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 31,9                    | 77,6                            | 64 900                                                                    | 94 100*                                 | 40,1                    | 82,6                            | 59 200                                                                    | 103 700*                                | 46,8                    | 85,8                            | 53 600                                                                    | 99 800*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 27,2                    | 73,8                            | 61 400                                                                    | 88 800*                                 | 36,3                    | 79,9                            | 56 100                                                                    | 99 400*                                 | 43,6                    | 83,7                            | 50 600                                                                    | 95 700*                                 | 49,7                    | 85,8                            | 45 300                                                                    | 92 000*                                 | 58,0                           |
| 60,0                           | 21,5                    | 69,1                            | 58 100                                                                    | 81 700*                                 | 32,2                    | 76,8                            | 53 000                                                                    | 94 700*                                 | 40,1                    | 81,3                            | 47 900                                                                    | 91 800*                                 | 46,6                    | 83,9                            | 42 800                                                                    | 88 200*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 27,6                    | 73,1                            | 50 200                                                                    | 89 300*                                 | 36,4                    | 78,6                            | 45 300                                                                    | 88 100*                                 | 43,4                    | 81,8                            | 40 400                                                                    | 84 600*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 22,0                    | 68,4                            | 47 500                                                                    | 84 100*                                 | 32,3                    | 75,5                            | 42 900                                                                    | 84 600*                                 | 40,0                    | 79,4                            | 38 200                                                                    | 81 300*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 14,1                    | 61,7                            | 44 800                                                                    | 73 700*                                 | 27,7                    | 71,8                            | 40 500                                                                    | 81 400*                                 | 36,2                    | 76,7                            | 36 000                                                                    | 78 200*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,1                    | 67,2                            | 38 300                                                                    | 78 200*                                 | 32,1                    | 73,6                            | 34 000                                                                    | 75 200*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,3                    | 60,4                            | 36 000                                                                    | 75 200*                                 | 27,4                    | 69,9                            | 32 100                                                                    | 72 300*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,8                    | 65,2                            | 30 200                                                                    | 69 700*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,8                    | 58,3                            | 28 300                                                                    | 67 000*                                 | 74,0                           |

# Liftcrane Luffing Jib Capacities

**Luffing Jib No. 79A On**  
**Boom No. 55 or No. 55A with 42,7m Mast No. 56**  
**223 170 kg Crane Counterweight**  
**145 150 kg Carbody Counterweight**  
**212 190 kg Hanging Counterweight**  
**at 18m Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**

**18000 With  
21000 MAX-ER**



## 48,8m (160 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

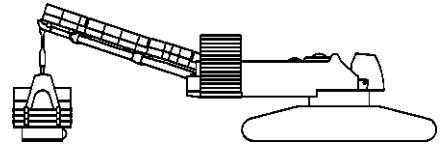
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,2                    | 104,3                           | 123 200                                                                   | 162 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,1                           |
| 36,0                           | 66,2                    | 103,8                           | 119 000                                                                   | 161 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 63,9                    | 102,8                           | 110 700                                                                   | 157 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 61,7                    | 101,7                           | 103 400                                                                   | 153 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 59,4                    | 100,5                           | 96 800                                                                    | 147 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 57,0                    | 99,2                            | 90 800                                                                    | 138 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 54,6                    | 97,8                            | 85 300                                                                    | 128 500*                                | 59,6                    | 99,6                            | 77 900                                                                    | 129 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 52,1                    | 96,2                            | 80 400                                                                    | 120 000*                                | 57,2                    | 98,3                            | 73 300                                                                    | 123 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 49,5                    | 94,5                            | 75 800                                                                    | 112 400*                                | 54,8                    | 96,9                            | 69 000                                                                    | 117 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 46,7                    | 92,6                            | 71 600                                                                    | 105 500*                                | 52,3                    | 95,3                            | 65 100                                                                    | 112 100*                                | 57,2                    | 96,9                            | 58 700                                                                    | 107 700*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 43,9                    | 90,5                            | 67 600                                                                    | 99 300*                                 | 49,7                    | 93,6                            | 61 500                                                                    | 107 200*                                | 54,8                    | 95,5                            | 55 300                                                                    | 103 000*                                |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 40,9                    | 88,2                            | 64 000                                                                    | 93 600*                                 | 46,9                    | 91,7                            | 58 100                                                                    | 102 700*                                | 52,3                    | 94,0                            | 52 200                                                                    | 98 700*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 37,6                    | 85,7                            | 60 600                                                                    | 88 400*                                 | 44,1                    | 89,7                            | 55 000                                                                    | 98 500*                                 | 49,7                    | 92,3                            | 49 400                                                                    | 94 600*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 34,1                    | 82,7                            | 57 500                                                                    | 83 600*                                 | 41,1                    | 87,4                            | 52 000                                                                    | 94 200*                                 | 47,0                    | 90,4                            | 46 600                                                                    | 90 800*                                 | 52,2                    | 92,2                            | 41 400                                                                    | 87 100*                                 | 60,0                           |
| 62,0                           | 30,3                    | 79,4                            | 54 500                                                                    | 79 100*                                 | 37,9                    | 84,8                            | 49 300                                                                    | 88 900*                                 | 44,2                    | 88,3                            | 44 100                                                                    | 87 200*                                 | 49,6                    | 90,4                            | 39 000                                                                    | 83 600*                                 | 62,0                           |
| 64,0                           | 25,9                    | 75,4                            | 51 700                                                                    | 74 700*                                 | 34,4                    | 81,9                            | 46 700                                                                    | 84 100*                                 | 41,2                    | 86,0                            | 41 700                                                                    | 83 700*                                 | 46,9                    | 88,6                            | 36 800                                                                    | 80 200*                                 | 64,0                           |
| 66,0                           | 20,5                    | 70,4                            | 48 900                                                                    | 68 900*                                 | 30,6                    | 78,6                            | 44 200                                                                    | 79 600*                                 | 38,0                    | 83,5                            | 39 500                                                                    | 80 500*                                 | 44,0                    | 86,5                            | 34 800                                                                    | 77 100*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 26,2                    | 74,7                            | 41 900                                                                    | 75 300*                                 | 34,5                    | 80,6                            | 37 300                                                                    | 77 400*                                 | 41,0                    | 84,2                            | 32 800                                                                    | 74 200*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 21,0                    | 69,8                            | 39 700                                                                    | 71 000*                                 | 30,7                    | 77,3                            | 35 300                                                                    | 74 500*                                 | 37,8                    | 81,6                            | 30 900                                                                    | 71 400*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         | 13,7                    | 62,7                            | 37 400                                                                    | 62 800*                                 | 26,3                    | 73,4                            | 33 400                                                                    | 71 800*                                 | 34,3                    | 78,7                            | 29 200                                                                    | 68 800*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,1                    | 68,5                            | 31 500                                                                    | 69 100*                                 | 30,5                    | 75,4                            | 27 500                                                                    | 66 300*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,9                    | 61,5                            | 29 600                                                                    | 66 600*                                 | 26,1                    | 71,4                            | 25 900                                                                    | 63 900*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,8                    | 66,5                            | 24 300                                                                    | 61 600*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,5                    | 59,3                            | 22 600                                                                    | 59 300*                                 | 80,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 48,8m (160 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

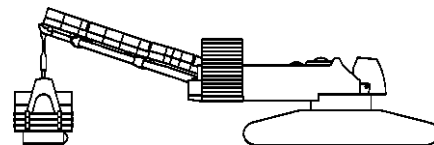
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,5                    | 109,6                           | 108 700                                                                   | 141 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,1                           |
| 40,0                           | 64,6                    | 108,7                           | 101 700                                                                   | 138 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 62,6                    | 107,6                           | 95 100                                                                    | 134 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 60,5                    | 106,5                           | 89 100                                                                    | 130 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 58,4                    | 105,2                           | 83 700                                                                    | 125 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 56,3                    | 103,9                           | 78 700                                                                    | 119 000*                                | 60,7                    | 105,5                           | 71 400                                                                    | 121 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 54,1                    | 102,4                           | 74 200                                                                    | 111 200*                                | 58,6                    | 104,3                           | 67 200                                                                    | 115 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 51,8                    | 100,8                           | 70 000                                                                    | 104 300*                                | 56,4                    | 102,9                           | 63 300                                                                    | 110 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 49,4                    | 99,1                            | 66 100                                                                    | 98 100*                                 | 54,2                    | 101,5                           | 59 700                                                                    | 105 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 47,0                    | 97,2                            | 62 500                                                                    | 92 400*                                 | 52,0                    | 99,9                            | 56 400                                                                    | 101 300*                                | 56,5                    | 101,6                           | 50 300                                                                    | 97 100*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 44,4                    | 95,2                            | 59 200                                                                    | 87 200*                                 | 49,6                    | 98,2                            | 53 300                                                                    | 97 100*                                 | 54,3                    | 100,1                           | 47 400                                                                    | 93 000*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 41,7                    | 92,9                            | 56 100                                                                    | 82 500*                                 | 47,2                    | 96,3                            | 50 400                                                                    | 92 900*                                 | 52,0                    | 98,6                            | 44 700                                                                    | 89 200*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 38,9                    | 90,5                            | 53 100                                                                    | 78 100*                                 | 44,6                    | 94,3                            | 47 700                                                                    | 87 700*                                 | 49,6                    | 96,9                            | 42 200                                                                    | 85 600*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 35,8                    | 87,7                            | 50 400                                                                    | 74 000*                                 | 41,9                    | 92,1                            | 45 100                                                                    | 82 900*                                 | 47,2                    | 95,0                            | 39 900                                                                    | 82 200*                                 | 51,9                    | 96,7                            | 34 800                                                                    | 78 600*                                 | 64,0                           |
| 66,0                           | 32,5                    | 84,6                            | 47 800                                                                    | 70 200*                                 | 39,1                    | 89,6                            | 42 700                                                                    | 78 500*                                 | 44,7                    | 93,0                            | 37 700                                                                    | 79 000*                                 | 49,5                    | 95,0                            | 32 700                                                                    | 75 500*                                 | 66,0                           |
| 68,0                           | 28,9                    | 81,1                            | 45 300                                                                    | 66 500*                                 | 36,1                    | 86,9                            | 40 400                                                                    | 74 400*                                 | 42,0                    | 90,7                            | 35 600                                                                    | 76 000*                                 | 47,1                    | 93,2                            | 30 800                                                                    | 72 600*                                 | 68,0                           |
| 70,0                           | 24,7                    | 76,9                            | 42 900                                                                    | 62 800*                                 | 32,8                    | 83,8                            | 38 300                                                                    | 70 500*                                 | 39,1                    | 88,3                            | 33 600                                                                    | 73 200*                                 | 44,5                    | 91,1                            | 29 000                                                                    | 69 900*                                 | 70,0                           |
| 72,0                           | 19,7                    | 71,7                            | 40 700                                                                    | 57 900*                                 | 29,2                    | 80,3                            | 36 200                                                                    | 67 000*                                 | 36,1                    | 85,6                            | 31 800                                                                    | 70 500*                                 | 41,8                    | 88,9                            | 27 300                                                                    | 67 300*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 25,1                    | 76,2                            | 34 300                                                                    | 63 400*                                 | 32,9                    | 82,5                            | 30 000                                                                    | 67 900*                                 | 39,0                    | 86,4                            | 25 700                                                                    | 64 900*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 20,1                    | 71,1                            | 32 400                                                                    | 59 800*                                 | 29,2                    | 79,0                            | 28 200                                                                    | 65 500*                                 | 36,0                    | 83,7                            | 24 100                                                                    | 62 500*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         | 13,4                    | 63,8                            | 30 500                                                                    | 53 100*                                 | 25,1                    | 74,9                            | 26 600                                                                    | 63 100*                                 | 32,7                    | 80,6                            | 22 600                                                                    | 60 300*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,2                    | 69,8                            | 25 000                                                                    | 60 200*                                 | 29,1                    | 77,1                            | 21 200                                                                    | 58 200*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                    | 67,8                            | 18 400                                                                    | 54 100*                                 | 84,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



### 48,8m (160 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

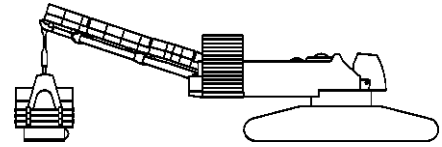
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 39,6                           | 67,3                    | 115,6                           | 101 800                                                                   | 122 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 39,6                           |
| 40,0                           | 67,0                    | 115,4                           | 100 500                                                                   | 122 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 65,2                    | 114,5                           | 93 900                                                                    | 119 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 63,4                    | 113,4                           | 87 900                                                                    | 115 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 61,5                    | 112,3                           | 82 500                                                                    | 112 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 59,6                    | 111,2                           | 77 500                                                                    | 108 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 57,7                    | 109,9                           | 72 900                                                                    | 104 300*                                | 61,6                    | 111,4                           | 65 800                                                                    | 111 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 55,7                    | 108,5                           | 68 800                                                                    | 100 400*                                | 59,7                    | 110,2                           | 61 900                                                                    | 108 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 53,6                    | 107,0                           | 64 900                                                                    | 96 500*                                 | 57,8                    | 108,9                           | 58 300                                                                    | 104 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 51,5                    | 105,4                           | 61 300                                                                    | 91 700*                                 | 55,8                    | 107,6                           | 55 000                                                                    | 100 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 49,4                    | 103,7                           | 58 000                                                                    | 86 300*                                 | 53,8                    | 106,1                           | 51 900                                                                    | 95 900*                                 | 57,8                    | 107,6                           | 46 000                                                                    | 91 800*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 47,2                    | 101,8                           | 54 900                                                                    | 81 600*                                 | 51,7                    | 104,5                           | 49 000                                                                    | 91 800*                                 | 55,9                    | 106,2                           | 43 300                                                                    | 88 000*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 44,8                    | 99,8                            | 52 000                                                                    | 77 200*                                 | 49,5                    | 102,8                           | 46 300                                                                    | 86 800*                                 | 53,8                    | 104,7                           | 40 800                                                                    | 84 500*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 42,4                    | 97,6                            | 49 300                                                                    | 73 100*                                 | 47,3                    | 101,0                           | 43 800                                                                    | 81 900*                                 | 51,7                    | 103,2                           | 38 500                                                                    | 81 100*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 39,9                    | 95,2                            | 46 700                                                                    | 69 300*                                 | 45,0                    | 98,9                            | 41 500                                                                    | 77 500*                                 | 49,6                    | 101,4                           | 36 300                                                                    | 77 900*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 37,2                    | 92,6                            | 44 300                                                                    | 65 800*                                 | 42,6                    | 96,8                            | 39 200                                                                    | 73 400*                                 | 47,4                    | 99,6                            | 34 200                                                                    | 74 900*                                 | 51,6                    | 101,3                           | 29 300                                                                    | 71 500*                                 | 68,0                           |
| 70,0                           | 34,3                    | 89,7                            | 42 000                                                                    | 62 500*                                 | 40,1                    | 94,4                            | 37 100                                                                    | 69 600*                                 | 45,1                    | 97,6                            | 32 300                                                                    | 72 100*                                 | 49,5                    | 99,6                            | 27 600                                                                    | 68 800*                                 | 70,0                           |
| 72,0                           | 31,2                    | 86,5                            | 39 800                                                                    | 59 300*                                 | 37,4                    | 91,8                            | 35 100                                                                    | 66 100*                                 | 42,6                    | 95,4                            | 30 500                                                                    | 69 400*                                 | 47,3                    | 97,8                            | 25 900                                                                    | 66 200*                                 | 72,0                           |
| 74,0                           | 27,7                    | 82,7                            | 37 700                                                                    | 56 200*                                 | 34,5                    | 88,9                            | 33 200                                                                    | 62 800*                                 | 40,1                    | 93,1                            | 28 700                                                                    | 66 900*                                 | 44,9                    | 95,8                            | 24 300                                                                    | 63 800*                                 | 74,0                           |
| 76,0                           | 23,8                    | 78,4                            | 35 800                                                                    | 53 100*                                 | 31,4                    | 85,7                            | 31 400                                                                    | 59 700*                                 | 37,4                    | 90,5                            | 27 000                                                                    | 64 500*                                 | 42,5                    | 93,6                            | 22 700                                                                    | 61 400*                                 | 76,0                           |
| 78,0                           | 19,0                    | 72,9                            | 33 800                                                                    | 48 800*                                 | 28,0                    | 82,0                            | 29 700                                                                    | 56 700*                                 | 34,6                    | 87,6                            | 25 500                                                                    | 62 200*                                 | 40,0                    | 91,2                            | 21 300                                                                    | 59 200*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 24,1                    | 77,7                            | 28 000                                                                    | 53 600*                                 | 31,5                    | 84,4                            | 23 900                                                                    | 59 800*                                 | 37,3                    | 88,6                            | 19 900                                                                    | 57 100*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         | 13,1                    | 64,9                            | 24 700                                                                    | 45 200*                                 | 24,2                    | 76,4                            | 21 000                                                                    | 53 900*                                 | 31,3                    | 82,5                            | 17 300                                                                    | 53 200*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,3                    | 63,7                            | 18 200                                                                    | 47 900*                                 | 24,0                    | 74,4                            | 14 900                                                                    | 49 600*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 12,9                    | 61,5                            | 12 400                                                                    | 46 200*                                 | 92,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



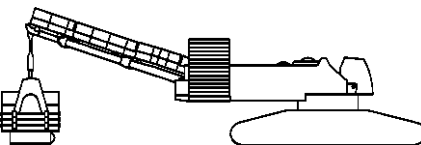
## 48,8m (160 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 44,2                           | 65,5                    | 120,2                           | 85 600                                                                    | 103 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,2                           |
| 46,0                           | 64,0                    | 119,3                           | 80 700                                                                    | 100 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 62,3                    | 118,2                           | 75 800                                                                    | 97 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 60,5                    | 117,1                           | 71 300                                                                    | 93 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 58,8                    | 115,8                           | 67 100                                                                    | 90 300*                                 | 62,4                    | 117,3                           | 60 000                                                                    | 97 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 57,0                    | 114,5                           | 63 200                                                                    | 86 800*                                 | 60,7                    | 116,1                           | 56 400                                                                    | 93 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 55,1                    | 113,1                           | 59 700                                                                    | 83 400*                                 | 58,9                    | 114,9                           | 53 100                                                                    | 90 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 53,3                    | 111,6                           | 56 300                                                                    | 79 900*                                 | 57,1                    | 113,6                           | 50 100                                                                    | 87 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 51,3                    | 110,0                           | 53 300                                                                    | 76 600*                                 | 55,3                    | 112,2                           | 47 200                                                                    | 83 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 49,4                    | 108,3                           | 50 400                                                                    | 73 300*                                 | 53,4                    | 110,7                           | 44 500                                                                    | 80 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 47,3                    | 106,5                           | 47 700                                                                    | 70 100*                                 | 51,5                    | 109,1                           | 42 100                                                                    | 77 300*                                 | 55,3                    | 110,9                           | 36 500                                                                    | 79 500*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 45,2                    | 104,5                           | 45 100                                                                    | 67 100*                                 | 49,5                    | 107,4                           | 39 700                                                                    | 74 100*                                 | 53,4                    | 109,4                           | 34 300                                                                    | 76 400*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 43,0                    | 102,3                           | 42 700                                                                    | 64 100*                                 | 47,5                    | 105,6                           | 37 500                                                                    | 70 900*                                 | 51,5                    | 107,8                           | 32 300                                                                    | 73 400*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 40,7                    | 100,0                           | 40 500                                                                    | 61 100*                                 | 45,3                    | 103,6                           | 35 400                                                                    | 67 900*                                 | 49,5                    | 106,1                           | 30 400                                                                    | 70 600*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 38,2                    | 97,5                            | 38 300                                                                    | 58 000*                                 | 43,1                    | 101,4                           | 33 400                                                                    | 64 700*                                 | 47,5                    | 104,2                           | 28 600                                                                    | 67 900*                                 | 51,4                    | 105,9                           | 23 800                                                                    | 64 600*                                 | 72,0                           |
| 74,0                           | 35,7                    | 94,7                            | 36 300                                                                    | 55 200*                                 | 40,8                    | 99,1                            | 31 500                                                                    | 61 400*                                 | 45,4                    | 102,2                           | 26 900                                                                    | 65 400*                                 | 49,4                    | 104,2                           | 22 200                                                                    | 62 200*                                 | 74,0                           |
| 76,0                           | 32,9                    | 91,7                            | 34 400                                                                    | 52 400*                                 | 38,4                    | 96,6                            | 29 800                                                                    | 58 400*                                 | 43,2                    | 100,1                           | 25 200                                                                    | 63 000*                                 | 47,4                    | 102,4                           | 20 800                                                                    | 59 900*                                 | 76,0                           |
| 78,0                           | 30,0                    | 88,2                            | 32 500                                                                    | 49 800*                                 | 35,9                    | 93,9                            | 28 100                                                                    | 55 400*                                 | 40,9                    | 97,8                            | 23 600                                                                    | 60 700*                                 | 45,3                    | 100,4                           | 19 400                                                                    | 57 700*                                 | 78,0                           |
| 80,0                           | 26,7                    | 84,3                            | 30 800                                                                    | 47 100*                                 | 33,1                    | 90,8                            | 26 500                                                                    | 52 700*                                 | 38,5                    | 95,3                            | 22 200                                                                    | 58 400*                                 | 43,1                    | 98,3                            | 18 000                                                                    | 55 600*                                 | 80,0                           |
| 84,0                           | 18,4                    | 74,2                            | 27 400                                                                    | 40 700*                                 | 26,9                    | 83,6                            | 23 400                                                                    | 47 600*                                 | 33,2                    | 89,5                            | 19 400                                                                    | 52 900*                                 | 38,4                    | 93,4                            | 15 400                                                                    | 51 800*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         | 18,8                    | 73,6                            | 20 600                                                                    | 42 400*                                 | 27,0                    | 82,3                            | 16 800                                                                    | 47 800*                                 | 33,1                    | 87,6                            | 13 100                                                                    | 48 200*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,9                    | 72,3                            | 14 400                                                                    | 42 700*                                 | 26,8                    | 80,4                            | 10 900                                                                    | 45 000*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,7                    | 70,3                            | 8 800                                                                     | 41 900*                                 | 96,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 48,8m (160 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

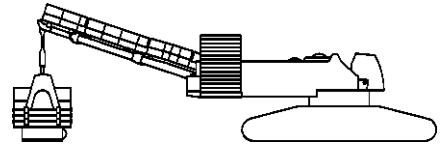
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 63,9                    | 124,7                           | 72 700                                                                    | 86 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,8                           |
| 50,0                           | 62,9                    | 124,1                           | 69 900                                                                    | 84 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 61,3                    | 123,0                           | 65 800                                                                    | 81 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 59,7                    | 121,8                           | 61 900                                                                    | 78 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 58,1                    | 120,5                           | 58 300                                                                    | 75 100*                                 | 61,5                    | 122,0                           | 51 700                                                                    | 81 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 56,4                    | 119,2                           | 55 000                                                                    | 71 900*                                 | 59,8                    | 120,8                           | 48 600                                                                    | 78 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 54,7                    | 117,8                           | 51 900                                                                    | 68 800*                                 | 58,2                    | 119,6                           | 45 800                                                                    | 75 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 53,0                    | 116,2                           | 49 100                                                                    | 65 800*                                 | 56,5                    | 118,3                           | 43 100                                                                    | 72 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 51,2                    | 114,6                           | 46 400                                                                    | 62 800*                                 | 54,8                    | 116,8                           | 40 600                                                                    | 69 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 49,3                    | 112,9                           | 43 800                                                                    | 59 900*                                 | 53,1                    | 115,3                           | 38 300                                                                    | 66 300*                                 | 56,6                    | 116,9                           | 32 800                                                                    | 71 600*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 47,4                    | 111,1                           | 41 400                                                                    | 57 100*                                 | 51,3                    | 113,7                           | 36 100                                                                    | 63 400*                                 | 54,9                    | 115,5                           | 30 800                                                                    | 68 800*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 45,5                    | 109,1                           | 39 200                                                                    | 54 400*                                 | 49,5                    | 112,0                           | 34 000                                                                    | 60 600*                                 | 53,1                    | 114,0                           | 28 900                                                                    | 66 000*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 43,5                    | 107,0                           | 37 100                                                                    | 51 800*                                 | 47,6                    | 110,2                           | 32 100                                                                    | 57 800*                                 | 51,3                    | 112,4                           | 27 100                                                                    | 63 300*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 41,3                    | 104,7                           | 35 100                                                                    | 49 300*                                 | 45,6                    | 108,2                           | 30 200                                                                    | 55 100*                                 | 49,5                    | 110,7                           | 25 400                                                                    | 60 500*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 39,1                    | 102,3                           | 33 200                                                                    | 46 900*                                 | 43,6                    | 106,1                           | 28 400                                                                    | 52 500*                                 | 47,6                    | 108,8                           | 23 800                                                                    | 57 800*                                 | 51,2                    | 110,6                           | 19 200                                                                    | 58 600*                                 | 76,0                           |
| 78,0                           | 36,8                    | 99,6                            | 31 400                                                                    | 44 500*                                 | 41,5                    | 103,8                           | 26 800                                                                    | 49 900*                                 | 45,7                    | 106,9                           | 22 200                                                                    | 55 200*                                 | 49,4                    | 108,8                           | 17 800                                                                    | 56 500*                                 | 78,0                           |
| 80,0                           | 34,4                    | 96,7                            | 29 600                                                                    | 42 300*                                 | 39,3                    | 101,4                           | 25 200                                                                    | 47 500*                                 | 43,6                    | 104,8                           | 20 800                                                                    | 52 600*                                 | 47,5                    | 107,0                           | 16 500                                                                    | 54 400*                                 | 80,0                           |
| 84,0                           | 28,9                    | 89,9                            | 26 400                                                                    | 38 100*                                 | 34,6                    | 95,9                            | 22 200                                                                    | 42 900*                                 | 39,4                    | 100,1                           | 18 100                                                                    | 47 700*                                 | 43,5                    | 102,9                           | 14 000                                                                    | 50 600*                                 | 84,0                           |
| 88,0                           | 22,2                    | 81,2                            | 23 400                                                                    | 34 200*                                 | 29,1                    | 89,2                            | 19 500                                                                    | 38 600*                                 | 34,6                    | 94,6                            | 15 600                                                                    | 43 200*                                 | 39,2                    | 98,2                            | 11 700                                                                    | 47 100*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 22,5                    | 80,5                            | 16 900                                                                    | 34 800*                                 | 29,2                    | 87,9                            | 13 200                                                                    | 38 900*                                 | 34,5                    | 92,7                            | 9 600                                                                     | 43 200*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         | 12,7                    | 67,1                            | 14 400                                                                    | 31 300*                                 | 22,6                    | 79,2                            | 11 100                                                                    | 35 100*                                 | 29,0                    | 86,0                            | 7 600                                                                     | 39 000*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 12,8                    | 65,9                            | 8 900                                                                     | 31 600*                                 | 22,4                    | 77,3                            | 5 800                                                                     | 35 200*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 12,5                    | 63,7                            | 3 900                                                                     | 31 800*                                 | 104,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 48,8m (160 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

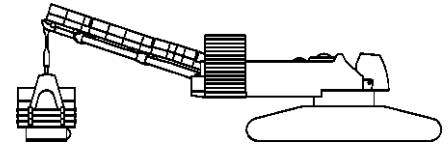
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 62,5                           | 55,5                    | 123,5                           | 46 700                                                                    | 55 200*                                 | 58,8                    | 125,2                           | 40 600                                                                    | 60 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,5                           |
| 64,0                           | 54,3                    | 122,4                           | 44 700                                                                    | 53 000*                                 | 57,6                    | 124,3                           | 38 800                                                                    | 58 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 52,7                    | 120,9                           | 42 200                                                                    | 50 400*                                 | 56,0                    | 122,9                           | 36 400                                                                    | 56 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 51,0                    | 119,2                           | 39 800                                                                    | 47 900*                                 | 54,4                    | 121,5                           | 34 300                                                                    | 53 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 49,3                    | 117,5                           | 37 600                                                                    | 45 400*                                 | 52,8                    | 119,9                           | 32 200                                                                    | 50 800*                                 | 56,1                    | 121,5                           | 26 900                                                                    | 55 600*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 47,5                    | 115,7                           | 35 400                                                                    | 43 000*                                 | 51,1                    | 118,3                           | 30 300                                                                    | 48 300*                                 | 54,5                    | 120,1                           | 25 200                                                                    | 53 100*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 45,7                    | 113,7                           | 33 400                                                                    | 40 700*                                 | 49,4                    | 116,6                           | 28 400                                                                    | 45 900*                                 | 52,8                    | 118,6                           | 23 500                                                                    | 50 700*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 43,9                    | 111,6                           | 31 600                                                                    | 38 500*                                 | 47,7                    | 114,8                           | 26 700                                                                    | 43 500*                                 | 51,2                    | 117,0                           | 21 800                                                                    | 48 200*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 41,9                    | 109,4                           | 29 800                                                                    | 36 300*                                 | 45,9                    | 112,8                           | 25 000                                                                    | 41 200*                                 | 49,5                    | 115,2                           | 20 300                                                                    | 45 800*                                 | 52,8                    | 116,8                           | 15 800                                                                    | 49 900*                                 | 78,0                           |
| 80,0                           | 39,9                    | 107,0                           | 28 100                                                                    | 34 200*                                 | 44,0                    | 110,8                           | 23 500                                                                    | 38 900*                                 | 47,7                    | 113,4                           | 18 900                                                                    | 43 500*                                 | 51,1                    | 115,2                           | 14 500                                                                    | 47 600*                                 | 80,0                           |
| 84,0                           | 35,6                    | 101,7                           | 24 800                                                                    | 30 400*                                 | 40,1                    | 106,2                           | 20 500                                                                    | 34 700*                                 | 44,0                    | 109,4                           | 16 200                                                                    | 39 000*                                 | 47,6                    | 111,6                           | 12 000                                                                    | 43 200*                                 | 84,0                           |
| 88,0                           | 30,7                    | 95,3                            | 22 000                                                                    | 26 700*                                 | 35,7                    | 100,8                           | 17 800                                                                    | 30 800*                                 | 40,1                    | 104,8                           | 13 700                                                                    | 34 900*                                 | 43,9                    | 107,6                           | 9 800                                                                     | 38 900*                                 | 88,0                           |
| 92,0                           | 25,0                    | 87,4                            | 19 200                                                                    | 23 400*                                 | 30,9                    | 94,5                            | 15 400                                                                    | 27 100*                                 | 35,8                    | 99,5                            | 11 500                                                                    | 30 900*                                 | 40,0                    | 103,0                           | 7 700                                                                     | 34 800*                                 | 92,0                           |
| 96,0                           | 17,5                    | 76,6                            | 16 700                                                                    | 20 300*                                 | 25,2                    | 86,7                            | 13 100                                                                    | 23 700*                                 | 30,9                    | 93,2                            | 9 400                                                                     | 27 300*                                 | 35,7                    | 97,7                            | 5 800                                                                     | 30 900*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         | 17,8                    | 76,1                            | 10 800                                                                    | 20 700*                                 | 25,3                    | 85,4                            | 7 400                                                                     | 23 900*                                 | 30,8                    | 91,3                            | 4 000                                                                     | 27 300*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,9                    | 74,8                            | 5 500                                                                     | 20 900*                                 | 25,1                    | 83,5                            | 2 300                                                                     | 24 000*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,7                    | 72,7                            | 700                                                                       | 21 000*                                 | 108,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 48,8m (160 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

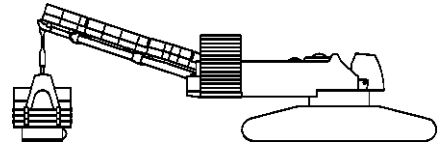
| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 |                                |
| 62,5                           | 61,0                    | 132,4                           | 39 100                                                                    | 53 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,5                           |
| 64,0                           | 59,9                    | 131,5                           | 37 300                                                                    | 51 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 58,5                    | 130,2                           | 35 000                                                                    | 49 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 57,1                    | 128,9                           | 32 800                                                                    | 47 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 55,6                    | 127,5                           | 30 700                                                                    | 44 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 54,1                    | 126,1                           | 28 800                                                                    | 42 100*                                 | 57,1                    | 127,6                           | 23 600                                                                    | 46 500*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 52,6                    | 124,6                           | 26 900                                                                    | 39 800*                                 | 55,6                    | 126,2                           | 21 900                                                                    | 44 200*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 51,0                    | 122,9                           | 25 200                                                                    | 37 500*                                 | 54,1                    | 124,7                           | 20 300                                                                    | 41 900*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 49,4                    | 121,2                           | 23 600                                                                    | 35 300*                                 | 52,6                    | 123,2                           | 18 800                                                                    | 39 600*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 47,8                    | 119,4                           | 22 000                                                                    | 33 100*                                 | 51,0                    | 121,6                           | 17 400                                                                    | 37 500*                                 |                         |                                 |                                                                           |                                         | 80,0                           |
| 84,0                           | 44,3                    | 115,4                           | 19 100                                                                    | 29 000*                                 | 47,8                    | 118,0                           | 14 700                                                                    | 33 100*                                 | 51,0                    | 119,7                           | 10 500                                                                    | 37 000*                                 | 84,0                           |
| 88,0                           | 40,7                    | 110,9                           | 16 400                                                                    | 25 200*                                 | 44,4                    | 114,1                           | 12 300                                                                    | 29 100*                                 | 47,7                    | 116,2                           | 8 200                                                                     | 32 900*                                 | 88,0                           |
| 92,0                           | 36,7                    | 105,7                           | 14 000                                                                    | 21 600*                                 | 40,7                    | 109,6                           | 10 100                                                                    | 25 300*                                 | 44,3                    | 112,2                           | 6 200                                                                     | 29 000*                                 | 92,0                           |
| 96,0                           | 32,4                    | 99,7                            | 11 800                                                                    | 18 400*                                 | 36,8                    | 104,4                           | 8 000                                                                     | 21 800*                                 | 40,6                    | 107,7                           | 4 300                                                                     | 25 200*                                 | 96,0                           |
| 100,0                          | 27,3                    | 92,5                            | 9 700                                                                     | 15 300*                                 | 32,4                    | 98,4                            | 6 100                                                                     | 18 500*                                 | 36,7                    | 102,6                           | 2 600                                                                     | 21 700*                                 | 100,0                          |
| 104,0                          | 21,2                    | 83,3                            | 7 700                                                                     | 12 500*                                 | 27,4                    | 91,2                            | 4 300                                                                     | 15 500*                                 | 32,3                    | 96,5                            | 1 000                                                                     | 18 500*                                 | 104,0                          |
| 108,0                          | 12,4                    | 69,2                            | 5 700                                                                     | 10 000*                                 | 21,3                    | 82,0                            | 2 600                                                                     | 12 700*                                 | 27,3                    | 89,3                            |                                                                           | 15 500*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         | 12,5                    | 68,1                            | 900                                                                       | 10 200*                                 | 21,1                    | 80,0                            |                                                                           | 12 700*                                 | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 12,2                    | 65,8                            |                                                                           | 10 200*                                 | 116,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 54,9m (180 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,0                    | 82,1                            | 199 800                                                                   | 271 000* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,4                           |
| 26,0                           | 63,2                    | 81,3                            | 184 600                                                                   | 253 600* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 58,2                    | 80,0                            | 168 400                                                                   | 234 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 53,0                    | 78,5                            | 154 600                                                                   | 218 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 47,3                    | 76,6                            | 142 500                                                                   | 203 900*                                | 59,9                    | 79,3                            | 131 700                                                                   | 196 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 40,9                    | 74,3                            | 131 900                                                                   | 191 000*                                | 54,8                    | 77,9                            | 121 900                                                                   | 184 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 33,5                    | 71,4                            | 122 300                                                                   | 179 500*                                | 49,2                    | 76,1                            | 113 300                                                                   | 173 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 23,8                    | 67,2                            | 113 700                                                                   | 159 300*                                | 43,1                    | 74,0                            | 105 500                                                                   | 163 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                                 |                                                                           |                                         | 36,1                    | 71,3                            | 98 500                                                                    | 154 400*                                | 50,8                    | 75,1                            | 90 500                                                                    | 149 100*                                |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         | 27,4                    | 67,6                            | 91 900                                                                    | 146 200*                                | 44,9                    | 73,1                            | 84 600                                                                    | 141 200*                                |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         | 13,4                    | 61,2                            | 85 600                                                                    | 134 600*                                | 38,1                    | 70,6                            | 79 300                                                                    | 134 000*                                |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                    | 67,2                            | 74 300                                                                    | 127 300*                                | 46,1                    | 71,6                            | 67 800                                                                    | 122 900*                                | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,5                    | 62,1                            | 69 400                                                                    | 121 000*                                | 39,6                    | 69,2                            | 63 700                                                                    | 117 000*                                | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 31,8                    | 66,0                            | 59 700                                                                    | 111 600*                                | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,3                    | 61,4                            | 56 000                                                                    | 106 400*                                | 52,0                           |

## 54,9m (180 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

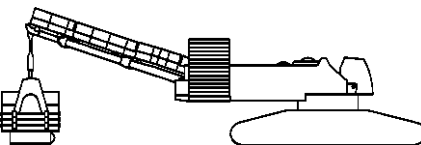
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 65,7                    | 87,4                            | 172 400                                                                   | 239 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,4                           |
| 28,0                           | 64,6                    | 87,1                            | 168 200                                                                   | 234 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 60,7                    | 86,0                            | 154 200                                                                   | 217 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 56,6                    | 84,6                            | 142 300                                                                   | 203 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 52,2                    | 83,1                            | 131 800                                                                   | 190 500*                                | 62,0                    | 85,2                            | 121 300                                                                   | 183 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 47,6                    | 81,2                            | 122 500                                                                   | 179 200*                                | 58,0                    | 83,9                            | 112 600                                                                   | 172 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 42,5                    | 79,0                            | 114 200                                                                   | 168 900*                                | 53,7                    | 82,5                            | 105 000                                                                   | 162 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 36,9                    | 76,4                            | 106 700                                                                   | 159 700*                                | 49,2                    | 80,7                            | 98 100                                                                    | 153 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 30,3                    | 73,1                            | 99 900                                                                    | 151 200*                                | 44,3                    | 78,7                            | 91 900                                                                    | 145 800*                                | 54,9                    | 81,3                            | 83 800                                                                    | 140 400*                                |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 21,7                    | 68,5                            | 93 500                                                                    | 135 800*                                | 38,9                    | 76,2                            | 86 200                                                                    | 138 400*                                | 50,4                    | 79,7                            | 78 600                                                                    | 133 300*                                |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         | 32,6                    | 73,2                            | 81 000                                                                    | 131 700*                                | 45,7                    | 77,7                            | 73 900                                                                    | 126 800*                                |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 24,9                    | 69,1                            | 76 100                                                                    | 125 300*                                | 40,4                    | 75,4                            | 69 500                                                                    | 120 800*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 12,7                    | 62,3                            | 71 300                                                                    | 115 400*                                | 34,4                    | 72,5                            | 65 500                                                                    | 115 300*                                | 46,6                    | 76,2                            | 59 100                                                                    | 110 900*                                | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,2                    | 68,8                            | 61 600                                                                    | 110 100*                                | 41,5                    | 73,9                            | 55 700                                                                    | 106 000*                                | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,1                    | 63,2                            | 57 900                                                                    | 105 100*                                | 35,7                    | 71,2                            | 52 500                                                                    | 101 400*                                | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,8                    | 67,7                            | 49 400                                                                    | 97 000*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,6                    | 62,7                            | 46 400                                                                    | 92 800*                                 | 58,0                           |

Capacities indicated by (b) require  
 9 530 kg minimum weight suspended  
 beneath luffing jib point.

# Liftcrane Luffing Jib Capacities

**Luffing Jib No. 79A On**  
**Boom No. 55 or No. 55A with 42,7m Mast No. 56**  
**223 170 kg Crane Counterweight**  
**145 150 kg Carbody Counterweight**  
**212 190 kg Hanging Counterweight**  
**at 18m Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**



**18000 With  
21000 MAX-ER**

## 54,9m (180 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,3                    | 93,4                            | 159 800                                                                   | 224 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,0                           |
| 30,0                           | 65,6                    | 92,9                            | 153 000                                                                   | 216 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 62,3                    | 91,9                            | 140 900                                                                   | 201 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 59,0                    | 90,6                            | 130 500                                                                   | 189 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 55,4                    | 89,2                            | 121 300                                                                   | 177 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 51,7                    | 87,7                            | 113 100                                                                   | 167 700*                                | 60,1                    | 89,9                            | 103 300                                                                   | 161 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 47,8                    | 85,8                            | 105 700                                                                   | 158 500*                                | 56,6                    | 88,6                            | 96 500                                                                    | 152 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 43,6                    | 83,7                            | 99 000                                                                    | 150 200*                                | 53,0                    | 87,1                            | 90 400                                                                    | 144 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 39,1                    | 81,3                            | 93 000                                                                    | 142 600*                                | 49,1                    | 85,3                            | 84 800                                                                    | 137 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 33,9                    | 78,4                            | 87 400                                                                    | 133 700*                                | 45,1                    | 83,3                            | 79 800                                                                    | 130 500*                                | 54,0                    | 85,9                            | 72 100                                                                    | 125 200*                                |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 27,9                    | 74,7                            | 82 300                                                                    | 124 600*                                | 40,6                    | 81,0                            | 75 100                                                                    | 124 300*                                | 50,2                    | 84,3                            | 67 800                                                                    | 119 300*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 20,2                    | 69,8                            | 77 400                                                                    | 111 100*                                | 35,7                    | 78,2                            | 70 800                                                                    | 118 600*                                | 46,2                    | 82,3                            | 63 900                                                                    | 113 900*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         | 30,1                    | 74,9                            | 66 800                                                                    | 113 300*                                | 41,9                    | 80,1                            | 60 300                                                                    | 108 800*                                | 51,0                    | 82,7                            | 53 800                                                                    | 104 400*                                | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 23,1                    | 70,5                            | 62 900                                                                    | 108 300*                                | 37,1                    | 77,5                            | 56 900                                                                    | 104 100*                                | 47,0                    | 80,8                            | 50 700                                                                    | 99 900*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 12,3                    | 63,3                            | 59 100                                                                    | 97 400*                                 | 31,7                    | 74,3                            | 53 700                                                                    | 99 700*                                 | 42,8                    | 78,7                            | 47 800                                                                    | 95 700*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,2                    | 70,3                            | 50 600                                                                    | 95 500*                                 | 38,1                    | 76,1                            | 45 100                                                                    | 91 700*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,1                    | 64,3                            | 47 600                                                                    | 91 500*                                 | 32,8                    | 73,1                            | 42 600                                                                    | 87 900*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,6                    | 69,2                            | 40 100                                                                    | 84 300*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,3                    | 63,8                            | 37 700                                                                    | 80 800*                                 | 64,0                           |

## 54,9m (180 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,3                    | 98,7                            | 140 000                                                                   | 200 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 63,5                    | 97,7                            | 129 600                                                                   | 188 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 60,6                    | 96,6                            | 120 400                                                                   | 176 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 57,7                    | 95,3                            | 112 200                                                                   | 166 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 54,6                    | 93,9                            | 104 900                                                                   | 157 700*                                | 61,6                    | 95,8                            | 95 400                                                                    | 151 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 51,4                    | 92,2                            | 98 300                                                                    | 149 400*                                | 58,7                    | 94,6                            | 89 300                                                                    | 143 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 48,0                    | 90,4                            | 92 300                                                                    | 141 900*                                | 55,6                    | 93,2                            | 83 800                                                                    | 136 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 44,4                    | 88,4                            | 86 800                                                                    | 134 600*                                | 52,5                    | 91,7                            | 78 700                                                                    | 129 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 40,6                    | 86,1                            | 81 800                                                                    | 125 500*                                | 49,1                    | 89,9                            | 74 100                                                                    | 123 400*                                | 56,5                    | 92,1                            | 66 600                                                                    | 118 300*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 36,4                    | 83,4                            | 77 200                                                                    | 117 400*                                | 45,6                    | 87,9                            | 69 900                                                                    | 117 800*                                | 53,3                    | 90,6                            | 62 700                                                                    | 112 800*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 31,6                    | 80,2                            | 72 900                                                                    | 110 100*                                | 41,9                    | 85,7                            | 66 000                                                                    | 112 500*                                | 50,1                    | 88,9                            | 59 100                                                                    | 107 800*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 26,1                    | 76,3                            | 68 900                                                                    | 103 400*                                | 37,8                    | 83,2                            | 62 400                                                                    | 107 700*                                | 46,6                    | 87,0                            | 55 800                                                                    | 103 200*                                |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 19,1                    | 71,0                            | 65 000                                                                    | 92 800*                                 | 33,3                    | 80,2                            | 59 000                                                                    | 103 100*                                | 42,9                    | 84,8                            | 52 700                                                                    | 98 800*                                 | 50,7                    | 87,3                            | 46 600                                                                    | 94 600*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 28,1                    | 76,5                            | 55 800                                                                    | 98 900*                                 | 38,9                    | 82,4                            | 49 900                                                                    | 94 800*                                 | 47,3                    | 85,4                            | 43 900                                                                    | 90 700*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 21,7                    | 71,8                            | 52 700                                                                    | 94 800*                                 | 34,6                    | 79,5                            | 47 100                                                                    | 91 000*                                 | 43,7                    | 83,3                            | 41 500                                                                    | 87 000*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 12,0                    | 64,4                            | 49 600                                                                    | 84 000*                                 | 29,6                    | 76,1                            | 44 500                                                                    | 87 300*                                 | 39,8                    | 80,9                            | 39 200                                                                    | 83 500*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,6                    | 71,7                            | 42 100                                                                    | 83 800*                                 | 35,5                    | 78,2                            | 37 000                                                                    | 80 200*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,3                    | 65,4                            | 39 600                                                                    | 80 400*                                 | 30,6                    | 74,9                            | 34 900                                                                    | 77 100*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,9                    | 70,7                            | 32 900                                                                    | 74 100*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,3                    | 65,0                            | 30 900                                                                    | 71 200*                                 | 70,0                           |

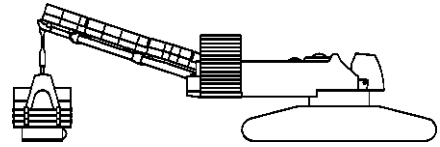


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



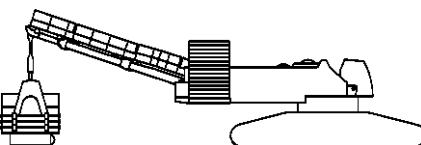
## 54,9m (180 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,5                    | 104,7                           | 130 300                                                                   | 181 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 33,5                           |
| 34,0                           | 66,9                    | 104,5                           | 128 000                                                                   | 181 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 64,4                    | 103,6                           | 118 700                                                                   | 176 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 61,9                    | 102,5                           | 110 600                                                                   | 165 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 59,3                    | 101,3                           | 103 300                                                                   | 156 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 56,7                    | 99,9                            | 96 700                                                                    | 148 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 53,9                    | 98,5                            | 90 800                                                                    | 140 500*                                | 60,2                    | 100,5                           | 81 900                                                                    | 134 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 51,1                    | 96,8                            | 85 400                                                                    | 133 400*                                | 57,6                    | 99,2                            | 76 900                                                                    | 127 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 48,1                    | 95,0                            | 80 400                                                                    | 124 900*                                | 54,9                    | 97,8                            | 72 400                                                                    | 121 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 45,0                    | 93,0                            | 75 800                                                                    | 116 800*                                | 52,0                    | 96,3                            | 68 200                                                                    | 116 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 41,7                    | 90,8                            | 71 600                                                                    | 109 600*                                | 49,1                    | 94,5                            | 64 300                                                                    | 111 100*                                | 55,6                    | 96,7                            | 57 200                                                                    | 106 200*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 38,1                    | 88,2                            | 67 700                                                                    | 103 000*                                | 46,0                    | 92,6                            | 60 800                                                                    | 106 300*                                | 52,8                    | 95,2                            | 53 900                                                                    | 101 600*                                |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 34,2                    | 85,3                            | 64 100                                                                    | 97 000*                                 | 42,8                    | 90,4                            | 57 500                                                                    | 101 800*                                | 49,9                    | 93,5                            | 50 800                                                                    | 97 300*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 29,8                    | 81,9                            | 60 700                                                                    | 91 500*                                 | 39,3                    | 88,0                            | 54 300                                                                    | 97 600*                                 | 46,9                    | 91,6                            | 48 000                                                                    | 93 300*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 24,7                    | 77,8                            | 57 400                                                                    | 86 300*                                 | 35,5                    | 85,2                            | 51 400                                                                    | 93 700*                                 | 43,7                    | 89,5                            | 45 400                                                                    | 89 500*                                 | 50,5                    | 91,9                            | 39 400                                                                    | 85 300*                                 | 60,0                           |
| 62,0                           | 18,2                    | 72,2                            | 54 300                                                                    | 77 600*                                 | 31,3                    | 82,0                            | 48 700                                                                    | 90 000*                                 | 40,3                    | 87,1                            | 42 900                                                                    | 85 900*                                 | 47,5                    | 90,0                            | 37 200                                                                    | 81 900*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 26,5                    | 78,1                            | 46 100                                                                    | 86 400*                                 | 36,6                    | 84,5                            | 40 600                                                                    | 82 500*                                 | 44,3                    | 88,0                            | 35 100                                                                    | 78 700*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 20,6                    | 73,1                            | 43 500                                                                    | 82 700*                                 | 32,5                    | 81,4                            | 38 400                                                                    | 79 300*                                 | 41,0                    | 85,7                            | 33 100                                                                    | 75 600*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 11,8                    | 65,4                            | 41 000                                                                    | 72 000*                                 | 27,9                    | 77,7                            | 36 200                                                                    | 76 300*                                 | 37,3                    | 83,1                            | 31 200                                                                    | 72 700*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,4                    | 73,1                            | 34 200                                                                    | 73 400*                                 | 33,4                    | 80,1                            | 29 300                                                                    | 70 000*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,8                    | 66,5                            | 32 100                                                                    | 70 600*                                 | 28,9                    | 76,6                            | 27 600                                                                    | 67 400*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,6                    | 72,2                            | 25 900                                                                    | 64 900*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,6                    | 66,2                            | 24 200                                                                    | 62 500*                                 | 76,0                           |

# Liftcrane Luffing Jib Capacities

**Luffing Jib No. 79A On**  
**Boom No. 55 or No. 55A with 42,7m Mast No. 56**  
**223 170 kg Crane Counterweight**  
**145 150 kg Carbody Counterweight**  
**212 190 kg Hanging Counterweight**  
**at 18m Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**



**18000 With  
21000 MAX-ER**

## 54,9m (180 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

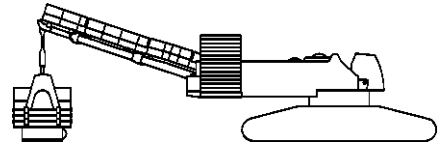
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,7                    | 110,1                           | 115 100                                                                   | 156 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,6                           |
| 38,0                           | 65,1                    | 109,4                           | 109 400                                                                   | 154 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 62,9                    | 108,3                           | 102 100                                                                   | 151 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 60,6                    | 107,2                           | 95 600                                                                    | 146 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 58,3                    | 105,9                           | 89 600                                                                    | 139 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 55,9                    | 104,6                           | 84 200                                                                    | 132 500*                                | 61,4                    | 106,4                           | 75 600                                                                    | 126 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 53,4                    | 103,1                           | 79 300                                                                    | 124 500*                                | 59,1                    | 105,2                           | 71 100                                                                    | 120 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 50,9                    | 101,4                           | 74 800                                                                    | 116 300*                                | 56,7                    | 103,9                           | 66 900                                                                    | 115 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 48,2                    | 99,7                            | 70 600                                                                    | 109 100*                                | 54,2                    | 102,4                           | 63 100                                                                    | 110 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 45,4                    | 97,7                            | 66 700                                                                    | 102 500*                                | 51,7                    | 100,9                           | 59 500                                                                    | 105 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 42,5                    | 95,5                            | 63 200                                                                    | 96 600*                                 | 49,1                    | 99,1                            | 56 300                                                                    | 100 700*                                | 54,9                    | 101,3                           | 49 500                                                                    | 96 100*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 39,4                    | 93,1                            | 59 800                                                                    | 91 100*                                 | 46,4                    | 97,2                            | 53 200                                                                    | 96 600*                                 | 52,4                    | 99,8                            | 46 600                                                                    | 92 100*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 36,0                    | 90,3                            | 56 700                                                                    | 86 100*                                 | 43,5                    | 95,1                            | 50 300                                                                    | 92 700*                                 | 49,8                    | 98,1                            | 44 000                                                                    | 88 400*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 32,4                    | 87,2                            | 53 700                                                                    | 81 400*                                 | 40,4                    | 92,7                            | 47 700                                                                    | 89 100*                                 | 47,1                    | 96,2                            | 41 600                                                                    | 84 900*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 28,3                    | 83,6                            | 50 900                                                                    | 77 200*                                 | 37,2                    | 90,1                            | 45 100                                                                    | 85 600*                                 | 44,3                    | 94,2                            | 39 300                                                                    | 81 500*                                 | 50,3                    | 96,5                            | 33 600                                                                    | 77 500*                                 | 64,0                           |
| 66,0                           | 23,5                    | 79,2                            | 48 300                                                                    | 72 900*                                 | 33,6                    | 87,2                            | 42 700                                                                    | 82 300*                                 | 41,3                    | 91,9                            | 37 100                                                                    | 78 300*                                 | 47,7                    | 94,6                            | 31 700                                                                    | 74 500*                                 | 66,0                           |
| 68,0                           | 17,4                    | 73,4                            | 45 700                                                                    | 65 600*                                 | 29,7                    | 83,7                            | 40 500                                                                    | 78 800*                                 | 38,1                    | 89,3                            | 35 100                                                                    | 75 400*                                 | 44,9                    | 92,6                            | 29 800                                                                    | 71 600*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 25,2                    | 79,6                            | 38 300                                                                    | 74 600*                                 | 34,6                    | 86,5                            | 33 200                                                                    | 72 600*                                 | 41,9                    | 90,4                            | 28 100                                                                    | 68 900*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         | 19,7                    | 74,4                            | 36 200                                                                    | 70 500*                                 | 30,8                    | 83,2                            | 31 300                                                                    | 69 900*                                 | 38,7                    | 87,9                            | 26 400                                                                    | 66 400*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 11,6                    | 66,5                            | 34 000                                                                    | 61 500*                                 | 26,5                    | 79,3                            | 29 500                                                                    | 67 300*                                 | 35,3                    | 85,1                            | 24 800                                                                    | 64 000*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,3                    | 74,4                            | 27 800                                                                    | 64 900*                                 | 31,6                    | 81,9                            | 23 300                                                                    | 61 700*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,3                    | 67,6                            | 26 000                                                                    | 62 400*                                 | 27,4                    | 78,2                            | 21 800                                                                    | 59 500*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,4                    | 73,6                            | 20 400                                                                    | 57 400*                                 | 80,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 54,9m (180 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

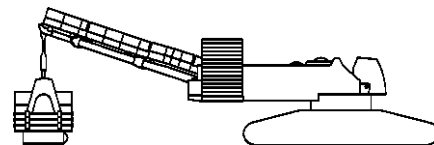
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,6                    | 116,1                           | 107 300                                                                   | 132 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,1                           |
| 40,0                           | 65,7                    | 115,2                           | 100 400                                                                   | 132 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 63,7                    | 114,2                           | 93 900                                                                    | 130 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 61,6                    | 113,1                           | 87 900                                                                    | 126 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 59,6                    | 111,9                           | 82 500                                                                    | 122 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 57,4                    | 110,6                           | 77 600                                                                    | 118 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 55,2                    | 109,2                           | 73 100                                                                    | 114 900*                                | 60,3                    | 111,2                           | 65 000                                                                    | 113 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 53,0                    | 107,7                           | 69 000                                                                    | 108 100*                                | 58,1                    | 109,9                           | 61 200                                                                    | 108 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 50,7                    | 106,0                           | 65 100                                                                    | 101 500*                                | 56,0                    | 108,5                           | 57 700                                                                    | 103 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 48,3                    | 104,2                           | 61 600                                                                    | 95 600*                                 | 53,8                    | 107,1                           | 54 400                                                                    | 99 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 45,8                    | 102,3                           | 58 300                                                                    | 90 100*                                 | 51,5                    | 105,5                           | 51 400                                                                    | 95 100*                                 | 56,6                    | 107,4                           | 44 600                                                                    | 90 500*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 43,2                    | 100,2                           | 55 200                                                                    | 85 100*                                 | 49,1                    | 103,7                           | 48 600                                                                    | 91 200*                                 | 54,4                    | 105,9                           | 42 100                                                                    | 86 800*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 40,4                    | 97,8                            | 52 300                                                                    | 80 500*                                 | 46,6                    | 101,8                           | 45 900                                                                    | 87 600*                                 | 52,1                    | 104,4                           | 39 600                                                                    | 83 300*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 37,5                    | 95,2                            | 49 600                                                                    | 76 200*                                 | 44,0                    | 99,7                            | 43 400                                                                    | 84 200*                                 | 49,7                    | 102,7                           | 37 400                                                                    | 80 000*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 34,3                    | 92,3                            | 47 000                                                                    | 72 300*                                 | 41,3                    | 97,5                            | 41 100                                                                    | 80 900*                                 | 47,3                    | 100,8                           | 35 300                                                                    | 76 800*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 30,9                    | 89,0                            | 44 600                                                                    | 68 600*                                 | 38,5                    | 95,0                            | 38 900                                                                    | 77 600*                                 | 44,8                    | 98,8                            | 33 300                                                                    | 73 900*                                 | 50,2                    | 101,1                           | 27 700                                                                    | 70 000*                                 | 68,0                           |
| 70,0                           | 27,0                    | 85,2                            | 42 300                                                                    | 65 100*                                 | 35,4                    | 92,2                            | 36 800                                                                    | 73 700*                                 | 42,1                    | 96,6                            | 31 300                                                                    | 71 100*                                 | 47,8                    | 99,2                            | 26 000                                                                    | 67 400*                                 | 70,0                           |
| 72,0                           | 22,5                    | 80,6                            | 40 000                                                                    | 61 600*                                 | 32,1                    | 89,0                            | 34 800                                                                    | 69 900*                                 | 39,3                    | 94,1                            | 29 600                                                                    | 68 500*                                 | 45,3                    | 97,3                            | 24 400                                                                    | 64 800*                                 | 72,0                           |
| 74,0                           | 16,8                    | 74,6                            | 37 900                                                                    | 55 300*                                 | 28,4                    | 85,4                            | 32 900                                                                    | 66 400*                                 | 36,3                    | 91,4                            | 27 900                                                                    | 66 000*                                 | 42,6                    | 95,1                            | 22 800                                                                    | 62 400*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 24,1                    | 81,1                            | 31 100                                                                    | 63 000*                                 | 33,0                    | 88,4                            | 26 200                                                                    | 63 600*                                 | 39,8                    | 92,7                            | 21 400                                                                    | 60 200*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         | 18,9                    | 75,7                            | 29 300                                                                    | 59 500*                                 | 29,4                    | 84,9                            | 24 600                                                                    | 61 300*                                 | 36,9                    | 90,1                            | 20 000                                                                    | 58 000*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 11,4                    | 67,6                            | 27 400                                                                    | 52 300*                                 | 25,3                    | 80,8                            | 23 200                                                                    | 59 100*                                 | 33,7                    | 87,1                            | 18 700                                                                    | 56 000*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,9                    | 68,7                            | 20 200                                                                    | 54 800*                                 | 26,2                    | 79,7                            | 16 100                                                                    | 52 100*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,5                    | 68,5                            | 13 600                                                                    | 48 500*                                 | 88,0                           |

# Liftcrane Luffing Jib Capacities

**Luffing Jib No. 79A On**  
**Boom No. 55 or No. 55A with 42,7m Mast No. 56**  
**223 170 kg Crane Counterweight**  
**145 150 kg Carbody Counterweight**  
**212 190 kg Hanging Counterweight**  
**at 18m Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**

**18000 With  
21000 MAX-ER**



## 54,9m (180 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,9                    | 121,4                           | 95 300                                                                    | 114 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 41,1                           |
| 42,0                           | 66,1                    | 121,0                           | 92 600                                                                    | 114 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 64,3                    | 120,0                           | 86 600                                                                    | 114 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 62,5                    | 118,9                           | 81 300                                                                    | 111 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 60,6                    | 117,8                           | 76 300                                                                    | 108 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 58,7                    | 116,6                           | 71 900                                                                    | 104 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 56,7                    | 115,2                           | 67 700                                                                    | 100 900*                                | 61,2                    | 117,1                           | 59 800                                                                    | 107 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 54,7                    | 113,8                           | 63 900                                                                    | 97 200*                                 | 59,3                    | 115,8                           | 56 300                                                                    | 102 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 52,7                    | 112,3                           | 60 300                                                                    | 93 600*                                 | 57,4                    | 114,6                           | 53 000                                                                    | 98 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 50,5                    | 110,6                           | 57 100                                                                    | 89 000*                                 | 55,4                    | 113,2                           | 50 000                                                                    | 93 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 48,3                    | 108,8                           | 54 000                                                                    | 84 000*                                 | 53,3                    | 111,7                           | 47 200                                                                    | 90 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 46,1                    | 106,9                           | 51 100                                                                    | 79 400*                                 | 51,2                    | 110,1                           | 44 600                                                                    | 86 500*                                 | 55,9                    | 112,0                           | 38 200                                                                    | 82 100*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 43,7                    | 104,8                           | 48 400                                                                    | 75 200*                                 | 49,1                    | 108,3                           | 42 100                                                                    | 83 100*                                 | 53,9                    | 110,5                           | 35 900                                                                    | 78 800*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 41,2                    | 102,6                           | 45 900                                                                    | 71 300*                                 | 46,8                    | 106,4                           | 39 800                                                                    | 79 900*                                 | 51,8                    | 109,0                           | 33 800                                                                    | 75 700*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 38,6                    | 100,1                           | 43 500                                                                    | 67 600*                                 | 44,5                    | 104,4                           | 37 600                                                                    | 76 500*                                 | 49,7                    | 107,3                           | 31 800                                                                    | 72 800*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 35,8                    | 97,3                            | 41 200                                                                    | 64 200*                                 | 42,1                    | 102,2                           | 35 600                                                                    | 72 600*                                 | 47,5                    | 105,4                           | 29 900                                                                    | 70 000*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 32,8                    | 94,2                            | 39 100                                                                    | 61 000*                                 | 39,5                    | 99,8                            | 33 600                                                                    | 68 900*                                 | 45,2                    | 103,4                           | 28 200                                                                    | 67 400*                                 | 50,1                    | 105,7                           | 22 900                                                                    | 63 600*                                 | 72,0                           |
| 74,0                           | 29,6                    | 90,8                            | 37 100                                                                    | 58 000*                                 | 36,8                    | 97,1                            | 31 700                                                                    | 65 400*                                 | 42,7                    | 101,3                           | 26 500                                                                    | 64 900*                                 | 47,9                    | 103,8                           | 21 400                                                                    | 61 300*                                 | 74,0                           |
| 76,0                           | 25,9                    | 86,8                            | 35 100                                                                    | 55 100*                                 | 33,9                    | 94,2                            | 30 000                                                                    | 62 100*                                 | 40,2                    | 98,9                            | 24 900                                                                    | 62 500*                                 | 45,6                    | 101,9                           | 20 000                                                                    | 59 000*                                 | 76,0                           |
| 78,0                           | 21,7                    | 82,0                            | 33 200                                                                    | 52 000*                                 | 30,7                    | 90,8                            | 28 300                                                                    | 59 000*                                 | 37,5                    | 96,3                            | 23 400                                                                    | 60 300*                                 | 43,2                    | 99,8                            | 18 600                                                                    | 56 900*                                 | 78,0                           |
| 80,0                           | 16,3                    | 75,7                            | 31 400                                                                    | 46 800*                                 | 27,2                    | 87,0                            | 26 700                                                                    | 56 200*                                 | 34,7                    | 93,4                            | 22 000                                                                    | 58 200*                                 | 40,7                    | 97,4                            | 17 200                                                                    | 54 900*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         | 18,3                    | 76,9                            | 23 600                                                                    | 50 400*                                 | 28,2                    | 86,6                            | 19 200                                                                    | 54 200*                                 | 35,3                    | 92,1                            | 14 800                                                                    | 51 100*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,7                    | 77,1                            | 16 600                                                                    | 50 500*                                 | 28,9                    | 85,4                            | 12 600                                                                    | 47 600*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,7                    | 76,3                            | 10 400                                                                    | 44 400*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 3,0                     | 55,0                            | 7 900                                                                     | 41 100*                                 | 96,0                           |

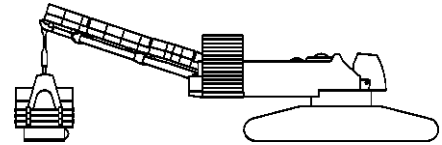


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



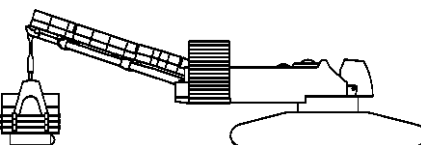
## 54,9m (180 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 45,7                           | 65,1                    | 125,9                           | 80 200                                                                    | 97 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 45,7                           |
| 46,0                           | 64,9                    | 125,8                           | 79 500                                                                    | 97 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 63,2                    | 124,8                           | 74 600                                                                    | 96 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 61,5                    | 123,7                           | 70 100                                                                    | 93 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 59,7                    | 122,5                           | 66 000                                                                    | 90 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 57,9                    | 121,2                           | 62 200                                                                    | 87 300*                                 | 62,0                    | 122,9                           | 54 300                                                                    | 92 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 56,1                    | 119,9                           | 58 600                                                                    | 84 000*                                 | 60,3                    | 121,8                           | 51 100                                                                    | 91 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 54,3                    | 118,4                           | 55 400                                                                    | 80 800*                                 | 58,5                    | 120,5                           | 48 100                                                                    | 88 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 52,4                    | 116,9                           | 52 300                                                                    | 77 500*                                 | 56,7                    | 119,2                           | 45 300                                                                    | 85 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 50,4                    | 115,2                           | 49 500                                                                    | 74 400*                                 | 54,9                    | 117,8                           | 42 700                                                                    | 82 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 48,4                    | 113,5                           | 46 800                                                                    | 71 300*                                 | 53,0                    | 116,3                           | 40 200                                                                    | 79 100*                                 | 57,2                    | 118,0                           | 33 800                                                                    | 77 200*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 46,3                    | 111,5                           | 44 300                                                                    | 68 200*                                 | 51,1                    | 114,7                           | 37 900                                                                    | 76 000*                                 | 55,4                    | 116,7                           | 31 800                                                                    | 74 000*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 44,2                    | 109,5                           | 41 900                                                                    | 65 300*                                 | 49,1                    | 112,9                           | 35 800                                                                    | 72 900*                                 | 53,5                    | 115,2                           | 29 800                                                                    | 71 200*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 41,9                    | 107,2                           | 39 700                                                                    | 62 400*                                 | 47,0                    | 111,1                           | 33 800                                                                    | 69 900*                                 | 51,6                    | 113,6                           | 28 000                                                                    | 68 400*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 39,5                    | 104,8                           | 37 600                                                                    | 59 700*                                 | 44,9                    | 109,0                           | 31 900                                                                    | 66 900*                                 | 49,6                    | 111,9                           | 26 200                                                                    | 65 800*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 37,1                    | 102,2                           | 35 500                                                                    | 56 800*                                 | 42,7                    | 106,9                           | 30 000                                                                    | 64 000*                                 | 47,6                    | 110,0                           | 24 600                                                                    | 63 400*                                 | 52,0                    | 111,9                           | 19 300                                                                    | 59 600*                                 | 74,0                           |
| 76,0                           | 34,4                    | 99,3                            | 33 600                                                                    | 54 000*                                 | 40,3                    | 104,5                           | 28 300                                                                    | 60 900*                                 | 45,5                    | 108,1                           | 23 000                                                                    | 61 100*                                 | 50,0                    | 110,3                           | 17 900                                                                    | 57 400*                                 | 76,0                           |
| 78,0                           | 31,6                    | 96,1                            | 31 800                                                                    | 51 300*                                 | 37,9                    | 102,0                           | 26 600                                                                    | 57 900*                                 | 43,3                    | 105,9                           | 21 500                                                                    | 58 800*                                 | 48,0                    | 108,5                           | 16 500                                                                    | 55 300*                                 | 78,0                           |
| 80,0                           | 28,5                    | 92,5                            | 30 100                                                                    | 48 800*                                 | 35,3                    | 99,2                            | 25 100                                                                    | 55 000*                                 | 41,0                    | 103,6                           | 20 100                                                                    | 56 700*                                 | 45,9                    | 106,5                           | 15 300                                                                    | 53 300*                                 | 80,0                           |
| 84,0                           | 20,9                    | 83,3                            | 26 800                                                                    | 43 800*                                 | 29,5                    | 92,6                            | 22 100                                                                    | 49 800*                                 | 36,0                    | 98,4                            | 17 400                                                                    | 52 800*                                 | 41,5                    | 102,2                           | 12 900                                                                    | 49 500*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         | 22,4                    | 83,9                            | 19 400                                                                    | 44 900*                                 | 30,4                    | 92,0                            | 15 000                                                                    | 49 200*                                 | 36,6                    | 97,0                            | 10 700                                                                    | 46 100*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 11,2                    | 69,7                            | 16 600                                                                    | 37 500*                                 | 23,5                    | 83,8                            | 12 700                                                                    | 45 800*                                 | 31,0                    | 90,8                            | 8 600                                                                     | 43 000*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,3                    | 70,9                            | 10 400                                                                    | 40 700*                                 | 24,2                    | 82,8                            | 6 700                                                                     | 40 100*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,7                    | 70,7                            | 4 800                                                                     | 37 300*                                 | 100,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 54,9m (180 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 63,5                    | 130,5                           | 68 100                                                                    | 81 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,3                           |
| 52,0                           | 62,2                    | 129,6                           | 64 600                                                                    | 78 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 60,6                    | 128,4                           | 60 800                                                                    | 75 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 59,0                    | 127,2                           | 57 300                                                                    | 72 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 57,3                    | 125,9                           | 54 000                                                                    | 69 900*                                 | 61,1                    | 127,7                           | 46 600                                                                    | 76 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 55,6                    | 124,5                           | 51 000                                                                    | 67 000*                                 | 59,5                    | 126,5                           | 43 800                                                                    | 73 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 53,9                    | 123,1                           | 48 100                                                                    | 64 200*                                 | 57,9                    | 125,2                           | 41 200                                                                    | 71 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 52,1                    | 121,5                           | 45 500                                                                    | 61 400*                                 | 56,2                    | 123,9                           | 38 800                                                                    | 68 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 50,3                    | 119,8                           | 43 000                                                                    | 58 700*                                 | 54,5                    | 122,4                           | 36 500                                                                    | 65 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 48,4                    | 118,1                           | 40 600                                                                    | 56 000*                                 | 52,7                    | 120,9                           | 34 400                                                                    | 62 700*                                 | 56,6                    | 122,7                           | 28 300                                                                    | 68 200*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 46,5                    | 116,2                           | 38 400                                                                    | 53 500*                                 | 50,9                    | 119,3                           | 32 300                                                                    | 60 000*                                 | 54,9                    | 121,3                           | 26 400                                                                    | 65 600*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 44,5                    | 114,1                           | 36 300                                                                    | 51 000*                                 | 49,1                    | 117,5                           | 30 400                                                                    | 57 300*                                 | 53,2                    | 119,8                           | 24 700                                                                    | 63 100*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 42,5                    | 111,9                           | 34 300                                                                    | 48 600*                                 | 47,2                    | 115,7                           | 28 600                                                                    | 54 700*                                 | 51,4                    | 118,2                           | 23 100                                                                    | 60 500*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 40,3                    | 109,6                           | 32 400                                                                    | 46 300*                                 | 45,2                    | 113,7                           | 26 900                                                                    | 52 200*                                 | 49,6                    | 116,5                           | 21 500                                                                    | 57 900*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 38,1                    | 107,0                           | 30 600                                                                    | 44 000*                                 | 43,2                    | 111,5                           | 25 300                                                                    | 49 800*                                 | 47,7                    | 114,6                           | 20 000                                                                    | 55 400*                                 | 51,8                    | 116,6                           | 14 900                                                                    | 54 100*                                 | 78,0                           |
| 80,0                           | 35,7                    | 104,3                           | 28 900                                                                    | 41 800*                                 | 41,0                    | 109,2                           | 23 700                                                                    | 47 400*                                 | 45,7                    | 112,7                           | 18 700                                                                    | 53 000*                                 | 49,9                    | 114,9                           | 13 700                                                                    | 52 000*                                 | 80,0                           |
| 84,0                           | 30,4                    | 97,9                            | 25 700                                                                    | 37 700*                                 | 36,5                    | 104,1                           | 20 800                                                                    | 43 000*                                 | 41,6                    | 108,3                           | 16 000                                                                    | 48 200*                                 | 46,1                    | 111,1                           | 11 300                                                                    | 48 400*                                 | 84,0                           |
| 88,0                           | 24,2                    | 89,8                            | 22 800                                                                    | 34 000*                                 | 31,4                    | 97,9                            | 18 200                                                                    | 38 800*                                 | 37,2                    | 103,3                           | 13 600                                                                    | 43 800*                                 | 42,1                    | 106,9                           | 9 200                                                                     | 45 000*                                 | 88,0                           |
| 92,0                           | 15,5                    | 78,0                            | 20 000                                                                    | 30 500*                                 | 25,3                    | 90,2                            | 15 700                                                                    | 35 000*                                 | 32,1                    | 97,3                            | 11 400                                                                    | 39 600*                                 | 37,6                    | 101,9                           | 7 200                                                                     | 41 800*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         | 17,3                    | 79,3                            | 13 300                                                                    | 31 500*                                 | 26,2                    | 89,8                            | 9 300                                                                     | 35 700*                                 | 32,6                    | 96,0                            | 5 400                                                                     | 39 000*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,6                    | 79,6                            | 7 400                                                                     | 32 300*                                 | 26,9                    | 88,7                            | 3 600                                                                     | 36 300*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,5                    | 78,8                            | 2 000                                                                     | 32 800*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 5,2                     | 58,9                            |                                                                           | 29 900*                                 | 108,0                          |

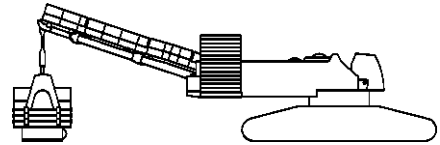


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 54,9m (180 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 57,9                           | 59,9                    | 133,2                           | 52 400                                                                    | 62 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 57,9                           |
| 58,0                           | 59,8                    | 133,1                           | 52 300                                                                    | 62 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 58,3                    | 131,9                           | 49 200                                                                    | 59 300*                                 | 61,8                    | 133,5                           | 41 900                                                                    | 65 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 56,7                    | 130,6                           | 46 400                                                                    | 56 700*                                 | 60,3                    | 132,4                           | 39 300                                                                    | 62 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 55,2                    | 129,2                           | 43 700                                                                    | 54 100*                                 | 58,8                    | 131,2                           | 36 900                                                                    | 60 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 53,6                    | 127,7                           | 41 200                                                                    | 51 500*                                 | 57,3                    | 129,9                           | 34 600                                                                    | 57 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 51,9                    | 126,1                           | 38 900                                                                    | 48 900*                                 | 55,7                    | 128,5                           | 32 500                                                                    | 55 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 50,2                    | 124,4                           | 36 700                                                                    | 46 400*                                 | 54,1                    | 127,0                           | 30 500                                                                    | 52 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 48,5                    | 122,7                           | 34 600                                                                    | 44 100*                                 | 52,5                    | 125,5                           | 28 600                                                                    | 49 900*                                 | 56,1                    | 127,3                           | 22 700                                                                    | 55 100*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 46,7                    | 120,8                           | 32 600                                                                    | 41 800*                                 | 50,8                    | 123,9                           | 26 800                                                                    | 47 500*                                 | 54,5                    | 125,9                           | 21 100                                                                    | 52 700*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 44,9                    | 118,8                           | 30 700                                                                    | 39 500*                                 | 49,1                    | 122,1                           | 25 100                                                                    | 45 100*                                 | 52,9                    | 124,4                           | 19 500                                                                    | 50 400*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 43,0                    | 116,6                           | 29 000                                                                    | 37 300*                                 | 47,3                    | 120,3                           | 23 500                                                                    | 42 800*                                 | 51,2                    | 122,8                           | 18 100                                                                    | 48 100*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 41,0                    | 114,3                           | 27 300                                                                    | 35 200*                                 | 45,5                    | 118,3                           | 21 900                                                                    | 40 600*                                 | 49,5                    | 121,1                           | 16 700                                                                    | 45 700*                                 |                         |                                 |                                                                           |                                         | 80,0                           |
| 84,0                           | 36,8                    | 109,2                           | 24 200                                                                    | 31 300*                                 | 41,6                    | 113,9                           | 19 100                                                                    | 36 200*                                 | 46,0                    | 117,3                           | 14 100                                                                    | 41 200*                                 | 49,9                    | 119,5                           | 9 300                                                                     | 45 700*                                 | 84,0                           |
| 88,0                           | 32,1                    | 103,1                           | 21 300                                                                    | 27 600*                                 | 37,5                    | 108,9                           | 16 500                                                                    | 32 200*                                 | 42,2                    | 113,0                           | 11 800                                                                    | 36 900*                                 | 46,3                    | 115,7                           | 7 200                                                                     | 41 400*                                 | 88,0                           |
| 92,0                           | 26,6                    | 95,7                            | 18 600                                                                    | 24 200*                                 | 32,9                    | 103,1                           | 14 100                                                                    | 28 500*                                 | 38,1                    | 108,1                           | 9 600                                                                     | 32 900*                                 | 42,6                    | 111,5                           | 5 200                                                                     | 37 300*                                 | 92,0                           |
| 96,0                           | 19,7                    | 85,9                            | 16 100                                                                    | 21 100*                                 | 27,6                    | 95,9                            | 11 800                                                                    | 25 000*                                 | 33,5                    | 102,4                           | 7 600                                                                     | 29 100*                                 | 38,5                    | 106,7                           | 3 400                                                                     | 33 300*                                 | 96,0                           |
| 100,0                          | 8,2                     | 68,7                            | 13 500                                                                    | 17 500*                                 | 21,0                    | 86,7                            | 9 700                                                                     | 21 800*                                 | 28,4                    | 95,4                            | 5 700                                                                     | 25 700*                                 | 34,0                    | 101,1                           | 1 800                                                                     | 29 600*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 11,1                    | 71,8                            | 7 600                                                                     | 19 000*                                 | 22,0                    | 86,6                            | 4 000                                                                     | 22 400*                                 | 28,9                    | 94,3                            |                                                                           | 26 100*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 12,9                    | 73,1                            | 2 200                                                                     | 19 600*                                 | 22,7                    | 85,6                            |                                                                           | 22 900*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,1                    | 72,9                            |                                                                           | 20 000*                                 | 112,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

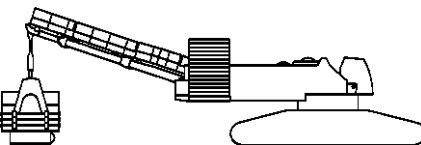
145 150 kg Carbody Counterweight

212 190 kg Hanging Counterweight

at 18m Position

360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 54,9m (180 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

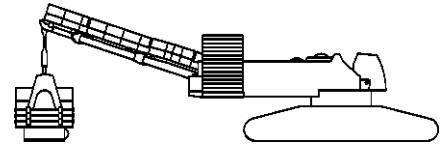
| Jib<br>Oper.<br>Rad.<br>Meters | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 |                                |
| 62,5                           | 62,1                    | 139,1                           | 37 100                                                                    | 54 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,5                           |
| 64,0                           | 61,0                    | 138,3                           | 35 300                                                                    | 53 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 59,6                    | 137,1                           | 33 100                                                                    | 50 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 58,2                    | 135,8                           | 31 000                                                                    | 48 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 56,8                    | 134,5                           | 29 000                                                                    | 46 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 55,3                    | 133,1                           | 27 100                                                                    | 43 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 53,8                    | 131,7                           | 25 300                                                                    | 41 400*                                 | 57,2                    | 133,4                           | 19 500                                                                    | 46 100*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 52,2                    | 130,1                           | 23 600                                                                    | 39 100*                                 | 55,7                    | 132,0                           | 18 000                                                                    | 43 900*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 50,7                    | 128,5                           | 22 000                                                                    | 36 800*                                 | 54,2                    | 130,5                           | 16 500                                                                    | 41 700*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 49,1                    | 126,7                           | 20 500                                                                    | 34 700*                                 | 52,7                    | 129,0                           | 15 100                                                                    | 39 500*                                 |                         |                                 |                                                                           |                                         | 80,0                           |
| 84,0                           | 45,7                    | 122,9                           | 17 700                                                                    | 30 600*                                 | 49,5                    | 125,7                           | 12 600                                                                    | 35 200*                                 | 49,8                    | 124,1                           | 5 600                                                                     | 35 300*                                 | 84,0                           |
| 88,0                           | 42,2                    | 118,6                           | 15 100                                                                    | 26 600*                                 | 46,2                    | 121,9                           | 10 300                                                                    | 31 100*                                 | 46,5                    | 120,4                           | 3 700                                                                     | 31 300*                                 | 88,0                           |
| 92,0                           | 38,3                    | 113,8                           | 12 700                                                                    | 23 000*                                 | 42,7                    | 117,7                           | 8 100                                                                     | 27 200*                                 | 43,0                    | 116,2                           | 1 900                                                                     | 27 500*                                 | 92,0                           |
| 96,0                           | 34,1                    | 108,1                           | 10 500                                                                    | 19 600*                                 | 38,9                    | 112,9                           | 6 200                                                                     | 23 600*                                 | 39,3                    | 111,5                           | 300                                                                       | 23 900*                                 | 96,0                           |
| 100,0                          | 29,4                    | 101,4                           | 8 500                                                                     | 16 500*                                 | 34,7                    | 107,4                           | 4 300                                                                     | 20 200*                                 |                         |                                 |                                                                           |                                         | 100,0                          |
| 104,0                          | 23,8                    | 93,1                            | 6 600                                                                     | 13 600*                                 | 30,1                    | 100,9                           | 2 700                                                                     | 17 000*                                 | 35,2                    | 106,0                           |                                                                           | 20 600*                                 | 104,0                          |
| 108,0                          | 16,5                    | 81,7                            | 4 700                                                                     | 11 000*                                 | 24,7                    | 92,8                            | 1 000                                                                     | 14 100*                                 | 30,6                    | 99,6                            |                                                                           | 17 400*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         | 17,7                    | 82,0                            |                                                                           | 11 500*                                 | 25,3                    | 91,8                            |                                                                           | 14 500*                                 | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,5                    | 81,4                            |                                                                           | 11 800*                                 | 116,0                          |
| 120,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 6,3                     | 61,7                            |                                                                           | 9 600*                                  | 120,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 61,0m (200 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 65,9                    | 87,9                            | 183 600                                                                   | 251 700* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,9                           |
| 26,0                           | 65,7                    | 87,8                            | 182 900                                                                   | 250 800* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,0                           |
| 28,0                           | 60,9                    | 86,7                            | 166 800                                                                   | 232 100* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 55,8                    | 85,3                            | 153 000                                                                   | 215 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 50,4                    | 83,6                            | 141 100                                                                   | 201 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 44,4                    | 81,6                            | 130 600                                                                   | 188 900*                                | 58,8                    | 84,9                            | 118 900                                                                   | 181 300* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 37,6                    | 79,0                            | 121 200                                                                   | 177 500*                                | 53,6                    | 83,4                            | 110 400                                                                   | 170 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 29,3                    | 75,6                            | 112 700                                                                   | 167 300*                                | 48,0                    | 81,6                            | 102 800                                                                   | 160 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           |                         |                                 |                                                                           |                                         | 41,7                    | 79,4                            | 96 000                                                                    | 151 800*                                | 56,4                    | 82,5                            | 86 500                                                                    | 145 500*                                |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         | 34,5                    | 76,5                            | 89 700                                                                    | 143 700*                                | 51,0                    | 80,9                            | 80 900                                                                    | 137 800*                                |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         | 25,2                    | 72,5                            | 83 900                                                                    | 136 300*                                | 45,1                    | 78,9                            | 75 800                                                                    | 130 800*                                |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,5                    | 76,4                            | 71 100                                                                    | 124 400*                                |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,4                    | 73,1                            | 66 700                                                                    | 118 400*                                | 47,8                    | 77,7                            | 59 400                                                                    | 113 400*                                | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,1                    | 68,1                            | 62 400                                                                    | 112 700*                                | 41,5                    | 75,4                            | 55 800                                                                    | 108 100*                                | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,2                    | 72,6                            | 52 400                                                                    | 103 200*                                | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,8                    | 68,5                            | 49 200                                                                    | 98 600*                                 | 54,0                           |

## 61,0m (200 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,7                    | 93,9                            | 170 500                                                                   | 236 300* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,4                           |
| 28,0                           | 66,7                    | 93,7                            | 166 400                                                                   | 231 400* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 62,8                    | 92,6                            | 152 600                                                                   | 215 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 58,8                    | 91,4                            | 140 700                                                                   | 200 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 54,6                    | 89,9                            | 130 300                                                                   | 188 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 50,1                    | 88,2                            | 121 100                                                                   | 177 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 45,3                    | 86,2                            | 112 900                                                                   | 167 000*                                | 57,1                    | 89,5                            | 102 100                                                                   | 159 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 40,0                    | 83,9                            | 105 500                                                                   | 157 900*                                | 52,8                    | 88,0                            | 95 400                                                                    | 151 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 33,9                    | 81,0                            | 98 800                                                                    | 149 500*                                | 48,2                    | 86,2                            | 89 400                                                                    | 143 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 26,6                    | 77,2                            | 92 600                                                                    | 141 900*                                | 43,2                    | 84,1                            | 83 900                                                                    | 136 000*                                | 55,1                    | 87,1                            | 74 900                                                                    | 130 000*                                |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         | 37,6                    | 81,5                            | 78 800                                                                    | 129 300*                                | 50,6                    | 85,5                            | 70 400                                                                    | 123 600*                                |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 31,2                    | 78,3                            | 74 100                                                                    | 123 100*                                | 45,9                    | 83,5                            | 66 200                                                                    | 117 800*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 22,9                    | 73,9                            | 69 700                                                                    | 117 400*                                | 40,6                    | 81,2                            | 62 300                                                                    | 112 400*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,7                    | 78,4                            | 58 700                                                                    | 107 400*                                | 48,0                    | 82,3                            | 51 600                                                                    | 102 500*                                | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,6                    | 74,7                            | 55 300                                                                    | 102 600*                                | 43,0                    | 80,2                            | 48 600                                                                    | 98 000*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,6                    | 69,2                            | 51 900                                                                    | 98 100*                                 | 37,5                    | 77,6                            | 45 800                                                                    | 93 900*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,9                    | 74,3                            | 43 200                                                                    | 90 000*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,6                    | 69,9                            | 40 500                                                                    | 86 100*                                 | 60,0                           |

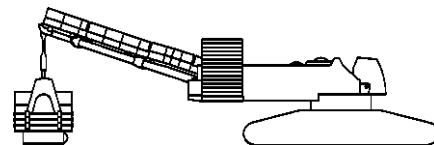
Capacities indicated by (b) require  
 9 530 kg minimum weight suspended  
 beneath luffing jib point.

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 61,0m (200 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

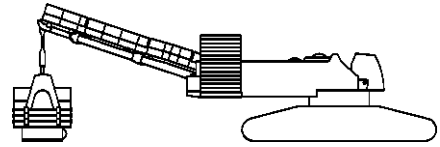
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 30,5                           | 66,6                    | 99,2                            | 148 000                                                                   | 210 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,5                           |
| 32,0                           | 64,1                    | 98,4                            | 139 200                                                                   | 199 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 60,8                    | 97,3                            | 128 900                                                                   | 186 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 57,3                    | 96,0                            | 119 700                                                                   | 175 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 53,7                    | 94,5                            | 111 600                                                                   | 165 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 49,9                    | 92,8                            | 104 300                                                                   | 156 600*                                | 59,4                    | 95,5                            | 93 600                                                                    | 149 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 45,9                    | 90,9                            | 97 800                                                                    | 148 400*                                | 55,9                    | 94,2                            | 87 700                                                                    | 141 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 41,5                    | 88,6                            | 91 800                                                                    | 140 900*                                | 52,2                    | 92,6                            | 82 300                                                                    | 134 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 36,7                    | 86,0                            | 86 300                                                                    | 134 000*                                | 48,3                    | 90,8                            | 77 300                                                                    | 128 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 31,3                    | 82,8                            | 81 200                                                                    | 127 600*                                | 44,2                    | 88,7                            | 72 800                                                                    | 121 900*                                | 54,2                    | 91,7                            | 64 300                                                                    | 116 200*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 24,6                    | 78,6                            | 76 500                                                                    | 120 700*                                | 39,6                    | 86,3                            | 68 600                                                                    | 116 300*                                | 50,4                    | 90,1                            | 60 500                                                                    | 110 800*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         | 34,6                    | 83,5                            | 64 700                                                                    | 111 100*                                | 46,4                    | 88,2                            | 57 100                                                                    | 105 900*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 28,7                    | 80,0                            | 61 000                                                                    | 106 300*                                | 42,1                    | 85,9                            | 53 800                                                                    | 101 300*                                |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 21,3                    | 75,2                            | 57 500                                                                    | 101 700*                                | 37,3                    | 83,3                            | 50 800                                                                    | 97 000*                                 | 48,2                    | 86,9                            | 43 900                                                                    | 92 300*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                    | 80,2                            | 47 900                                                                    | 93 000*                                 | 44,0                    | 84,8                            | 41 300                                                                    | 88 500*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,5                    | 76,2                            | 45 200                                                                    | 89 200*                                 | 39,5                    | 82,4                            | 39 000                                                                    | 84 800*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,6                    | 70,4                            | 42 500                                                                    | 85 500*                                 | 34,4                    | 79,5                            | 36 700                                                                    | 81 400*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,5                    | 76,0                            | 34 600                                                                    | 78 100*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,0                    | 71,2                            | 32 400                                                                    | 75 000*                                 | 66,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 61,0m (200 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

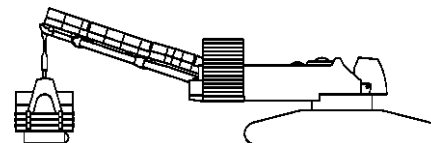
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,8                    | 105,2                           | 138 200                                                                   | 189 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 65,0                    | 104,3                           | 127 900                                                                   | 184 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 62,2                    | 103,2                           | 118 800                                                                   | 175 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 59,3                    | 102,0                           | 110 700                                                                   | 164 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 56,2                    | 100,6                           | 103 400                                                                   | 155 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 53,1                    | 99,1                            | 96 900                                                                    | 147 500*                                | 61,0                    | 101,5                           | 86 500                                                                    | 140 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 49,8                    | 97,4                            | 91 000                                                                    | 140 100*                                | 58,0                    | 100,2                           | 81 100                                                                    | 133 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 46,3                    | 95,5                            | 85 600                                                                    | 133 200*                                | 55,0                    | 98,8                            | 76 200                                                                    | 126 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 42,6                    | 93,3                            | 80 600                                                                    | 127 000*                                | 51,8                    | 97,2                            | 71 700                                                                    | 120 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 38,6                    | 90,8                            | 76 100                                                                    | 121 200*                                | 48,4                    | 95,4                            | 67 600                                                                    | 115 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 34,2                    | 87,9                            | 71 900                                                                    | 113 900*                                | 44,8                    | 93,4                            | 63 800                                                                    | 110 300*                                | 53,5                    | 96,3                            | 55 800                                                                    | 104 800*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 29,2                    | 84,5                            | 67 900                                                                    | 106 900*                                | 41,0                    | 91,1                            | 60 300                                                                    | 105 500*                                | 50,2                    | 94,7                            | 52 600                                                                    | 100 300*                                |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 23,1                    | 80,0                            | 64 200                                                                    | 99 900*                                 | 36,9                    | 88,5                            | 57 000                                                                    | 101 100*                                | 46,7                    | 92,8                            | 49 700                                                                    | 96 100*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 32,2                    | 85,3                            | 53 900                                                                    | 96 900*                                 | 43,1                    | 90,6                            | 46 900                                                                    | 92 100*                                 | 51,7                    | 93,3                            | 40 000                                                                    | 87 400*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 26,9                    | 81,5                            | 50 900                                                                    | 93 000*                                 | 39,1                    | 88,2                            | 44 300                                                                    | 88 400*                                 | 48,3                    | 91,5                            | 37 700                                                                    | 83 800*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 20,1                    | 76,5                            | 48 100                                                                    | 89 200*                                 | 34,8                    | 85,3                            | 41 900                                                                    | 84 900*                                 | 44,7                    | 89,5                            | 35 600                                                                    | 80 400*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 8,3                     | 67,4                            | 45 200                                                                    | 81 900*                                 | 29,8                    | 81,9                            | 39 600                                                                    | 81 500*                                 | 40,9                    | 87,2                            | 33 500                                                                    | 77 300*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,9                    | 77,7                            | 37 300                                                                    | 78 300*                                 | 36,8                    | 84,5                            | 31 600                                                                    | 74 200*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,8                    | 71,5                            | 35 100                                                                    | 75 200*                                 | 32,1                    | 81,4                            | 29 700                                                                    | 71 400*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,7                    | 77,6                            | 27 900                                                                    | 68 700*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,8                    | 72,5                            | 26 100                                                                    | 66 100*                                 | 72,0                           |

# Liftcrane Luffing Jib Capacities

**Luffing Jib No. 79A On**  
**Boom No. 55 or No. 55A with 42,7m Mast No. 56**  
**223 170 kg Crane Counterweight**  
**145 150 kg Carbody Counterweight**  
**212 190 kg Hanging Counterweight**  
**at 18m Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**

**18000 With  
21000 MAX-ER**



## 61,0m (200 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

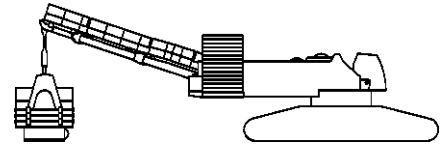
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,9                    | 110,5                           | 121 200                                                                   | 163 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,1                           |
| 36,0                           | 65,7                    | 110,1                           | 117 100                                                                   | 161 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 63,2                    | 109,1                           | 109 000                                                                   | 157 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 60,7                    | 107,9                           | 101 800                                                                   | 152 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 58,1                    | 106,7                           | 95 300                                                                    | 146 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 55,4                    | 105,3                           | 89 400                                                                    | 138 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 52,6                    | 103,7                           | 84 100                                                                    | 131 800*                                | 59,6                    | 106,2                           | 74 300                                                                    | 125 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 49,7                    | 102,0                           | 79 200                                                                    | 125 600*                                | 57,0                    | 104,8                           | 69 800                                                                    | 119 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 46,7                    | 100,1                           | 74 600                                                                    | 119 800*                                | 54,3                    | 103,4                           | 65 800                                                                    | 113 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 43,4                    | 98,0                            | 70 500                                                                    | 113 500*                                | 51,4                    | 101,8                           | 62 000                                                                    | 108 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 40,0                    | 95,6                            | 66 700                                                                    | 106 600*                                | 48,5                    | 100,0                           | 58 500                                                                    | 104 100*                                | 55,7                    | 102,5                           | 50 600                                                                    | 98 600*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 36,3                    | 92,9                            | 63 100                                                                    | 100 300*                                | 45,4                    | 98,0                            | 55 300                                                                    | 99 600*                                 | 52,9                    | 100,9                           | 47 600                                                                    | 94 400*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 32,2                    | 89,8                            | 59 700                                                                    | 94 500*                                 | 42,1                    | 95,8                            | 52 300                                                                    | 95 600*                                 | 50,1                    | 99,3                            | 45 000                                                                    | 90 500*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 27,5                    | 86,1                            | 56 500                                                                    | 89 200*                                 | 38,5                    | 93,3                            | 49 500                                                                    | 91 700*                                 | 47,0                    | 97,4                            | 42 400                                                                    | 86 800*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 21,9                    | 81,4                            | 53 500                                                                    | 83 500*                                 | 34,7                    | 90,5                            | 46 800                                                                    | 88 100*                                 | 43,8                    | 95,3                            | 40 100                                                                    | 83 400*                                 | 51,3                    | 97,9                            | 33 400                                                                    | 78 700*                                 | 62,0                           |
| 64,0                           | 14,0                    | 74,6                            | 50 500                                                                    | 73 000*                                 | 30,4                    | 87,1                            | 44 300                                                                    | 84 600*                                 | 40,4                    | 93,0                            | 37 800                                                                    | 80 100*                                 | 48,4                    | 96,1                            | 31 400                                                                    | 75 600*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 25,4                    | 83,1                            | 41 900                                                                    | 81 400*                                 | 36,8                    | 90,3                            | 35 700                                                                    | 77 000*                                 | 45,3                    | 94,1                            | 29 600                                                                    | 72 700*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 19,1                    | 77,7                            | 39 600                                                                    | 78 200*                                 | 32,7                    | 87,2                            | 33 700                                                                    | 74 100*                                 | 42,0                    | 91,9                            | 27 800                                                                    | 69 900*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 8,6                     | 68,5                            | 37 100                                                                    | 69 500*                                 | 28,1                    | 83,6                            | 31 800                                                                    | 71 300*                                 | 38,4                    | 89,4                            | 26 100                                                                    | 67 300*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,6                    | 79,1                            | 29 900                                                                    | 68 600*                                 | 34,6                    | 86,5                            | 24 500                                                                    | 64 800*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,2                    | 72,6                            | 28 000                                                                    | 66 000*                                 | 30,2                    | 83,2                            | 23 000                                                                    | 62 400*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,2                    | 79,1                            | 21 500                                                                    | 60 100*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,9                    | 73,7                            | 20 000                                                                    | 57 900*                                 | 78,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 61,0m (200 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

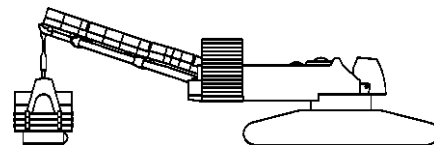
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,8                    | 116,5                           | 113 400                                                                   | 140 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,6                           |
| 38,0                           | 66,3                    | 115,9                           | 107 800                                                                   | 140 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 64,1                    | 114,9                           | 100 600                                                                   | 138 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 61,8                    | 113,8                           | 94 100                                                                    | 134 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 59,5                    | 112,6                           | 88 200                                                                    | 130 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 57,2                    | 111,3                           | 82 900                                                                    | 126 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 54,7                    | 109,9                           | 78 000                                                                    | 121 500*                                | 60,9                    | 112,1                           | 68 500                                                                    | 118 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 52,2                    | 108,3                           | 73 500                                                                    | 116 700*                                | 58,6                    | 110,8                           | 64 400                                                                    | 112 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 49,6                    | 106,6                           | 69 400                                                                    | 111 800*                                | 56,2                    | 109,5                           | 60 700                                                                    | 107 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 46,9                    | 104,7                           | 65 600                                                                    | 106 300*                                | 53,7                    | 108,0                           | 57 300                                                                    | 102 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 44,1                    | 102,7                           | 62 100                                                                    | 99 900*                                 | 51,2                    | 106,4                           | 54 100                                                                    | 98 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 41,1                    | 100,4                           | 58 800                                                                    | 94 100*                                 | 48,5                    | 104,6                           | 51 100                                                                    | 94 500*                                 | 55,0                    | 107,1                           | 43 500                                                                    | 89 300*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 37,8                    | 97,8                            | 55 700                                                                    | 88 900*                                 | 45,8                    | 102,7                           | 48 300                                                                    | 90 700*                                 | 52,5                    | 105,6                           | 41 000                                                                    | 85 700*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 34,4                    | 94,9                            | 52 800                                                                    | 84 000*                                 | 42,9                    | 100,5                           | 45 700                                                                    | 87 100*                                 | 49,9                    | 103,9                           | 38 700                                                                    | 82 300*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 30,5                    | 91,6                            | 50 000                                                                    | 79 500*                                 | 39,8                    | 98,1                            | 43 200                                                                    | 83 700*                                 | 47,2                    | 102,0                           | 36 500                                                                    | 79 000*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 26,1                    | 87,7                            | 47 400                                                                    | 75 400*                                 | 36,5                    | 95,4                            | 40 900                                                                    | 80 500*                                 | 44,4                    | 100,0                           | 34 400                                                                    | 75 900*                                 | 51,1                    | 102,5                           | 28 100                                                                    | 71 500*                                 | 66,0                           |
| 68,0                           | 20,9                    | 82,7                            | 44 900                                                                    | 70 600*                                 | 32,8                    | 92,4                            | 38 800                                                                    | 77 500*                                 | 41,4                    | 97,7                            | 32 500                                                                    | 73 000*                                 | 48,5                    | 100,7                           | 26 300                                                                    | 68 700*                                 | 68,0                           |
| 70,0                           | 13,6                    | 75,6                            | 42 400                                                                    | 62 000*                                 | 28,8                    | 88,8                            | 36 700                                                                    | 74 600*                                 | 38,2                    | 95,2                            | 30 700                                                                    | 70 300*                                 | 45,7                    | 98,7                            | 24 700                                                                    | 66 100*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         | 24,1                    | 84,5                            | 34 600                                                                    | 71 800*                                 | 34,8                    | 92,3                            | 28 900                                                                    | 67 700*                                 | 42,8                    | 96,6                            | 23 200                                                                    | 63 700*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 18,3                    | 79,0                            | 32 700                                                                    | 69 000*                                 | 31,0                    | 89,1                            | 27 200                                                                    | 65 200*                                 | 39,7                    | 94,2                            | 21 700                                                                    | 61 300*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 8,8                     | 69,6                            | 30 600                                                                    | 60 000*                                 | 26,7                    | 85,2                            | 25 600                                                                    | 62 900*                                 | 36,4                    | 91,5                            | 20 300                                                                    | 59 100*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,6                    | 80,4                            | 24 000                                                                    | 60 600*                                 | 32,7                    | 88,4                            | 18 900                                                                    | 57 000*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,7                    | 73,7                            | 22 400                                                                    | 58 400*                                 | 28,7                    | 84,8                            | 17 600                                                                    | 55 000*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,1                    | 74,9                            | 15 000                                                                    | 51 100*                                 | 84,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## 18000 With 21000 MAX-ER



### 61,0m (200 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 39,6                           | 67,1                    | 121,8                           | 100 100                                                                   | 121 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 39,6                           |
| 40,0                           | 66,7                    | 121,7                           | 98 800                                                                    | 121 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 64,7                    | 120,7                           | 92 300                                                                    | 121 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 62,7                    | 119,7                           | 86 400                                                                    | 119 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 60,7                    | 118,5                           | 81 200                                                                    | 115 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 58,6                    | 117,3                           | 76 300                                                                    | 112 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 56,4                    | 116,0                           | 71 800                                                                    | 109 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 54,2                    | 114,5                           | 67 700                                                                    | 105 200*                                | 59,8                    | 116,8                           | 58 700                                                                    | 106 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 51,9                    | 112,9                           | 64 000                                                                    | 101 400*                                | 57,7                    | 115,5                           | 55 300                                                                    | 101 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 49,6                    | 111,2                           | 60 400                                                                    | 97 500*                                 | 55,5                    | 114,1                           | 52 100                                                                    | 97 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 47,1                    | 109,4                           | 57 200                                                                    | 92 900*                                 | 53,3                    | 112,6                           | 49 200                                                                    | 92 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 44,6                    | 107,3                           | 54 100                                                                    | 87 700*                                 | 51,0                    | 111,0                           | 46 500                                                                    | 89 200*                                 | 56,7                    | 113,2                           | 38 900                                                                    | 84 000*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 41,9                    | 105,1                           | 51 300                                                                    | 82 900*                                 | 48,6                    | 109,2                           | 43 900                                                                    | 85 600*                                 | 54,5                    | 111,7                           | 36 600                                                                    | 80 600*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 39,0                    | 102,6                           | 48 600                                                                    | 78 400*                                 | 46,1                    | 107,3                           | 41 500                                                                    | 82 300*                                 | 52,2                    | 110,2                           | 34 400                                                                    | 77 400*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 36,0                    | 99,9                            | 46 000                                                                    | 74 300*                                 | 43,5                    | 105,2                           | 39 200                                                                    | 79 100*                                 | 49,8                    | 108,5                           | 32 400                                                                    | 74 400*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 32,7                    | 96,8                            | 43 700                                                                    | 70 500*                                 | 40,7                    | 102,9                           | 37 100                                                                    | 76 100*                                 | 47,4                    | 106,6                           | 30 500                                                                    | 71 500*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 29,1                    | 93,3                            | 41 400                                                                    | 66 900*                                 | 37,8                    | 100,3                           | 35 000                                                                    | 73 300*                                 | 44,9                    | 104,6                           | 28 700                                                                    | 68 800*                                 | 50,9                    | 107,1                           | 22 500                                                                    | 64 400*                                 | 70,0                           |
| 72,0                           | 25,0                    | 89,2                            | 39 200                                                                    | 63 600*                                 | 34,7                    | 97,4                            | 33 100                                                                    | 70 500*                                 | 42,2                    | 102,4                           | 27 000                                                                    | 66 200*                                 | 48,5                    | 105,3                           | 21 000                                                                    | 62 000*                                 | 72,0                           |
| 74,0                           | 20,0                    | 84,0                            | 37 100                                                                    | 59 500*                                 | 31,3                    | 94,2                            | 31 300                                                                    | 68 000*                                 | 39,4                    | 100,0                           | 25 400                                                                    | 63 800*                                 | 46,0                    | 103,4                           | 19 600                                                                    | 59 700*                                 | 74,0                           |
| 76,0                           | 13,3                    | 76,7                            | 35 000                                                                    | 52 300*                                 | 27,5                    | 90,5                            | 29 500                                                                    | 65 500*                                 | 36,4                    | 97,3                            | 23 800                                                                    | 61 500*                                 | 43,4                    | 101,3                           | 18 200                                                                    | 57 500*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         | 23,1                    | 86,0                            | 27 800                                                                    | 62 400*                                 | 33,1                    | 94,2                            | 22 300                                                                    | 59 300*                                 | 40,7                    | 98,9                            | 16 900                                                                    | 55 500*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 17,6                    | 80,2                            | 26 100                                                                    | 58 900*                                 | 29,6                    | 90,8                            | 20 900                                                                    | 57 200*                                 | 37,7                    | 96,4                            | 15 700                                                                    | 53 500*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,7                    | 81,7                            | 18 200                                                                    | 53 200*                                 | 31,2                    | 90,2                            | 13 300                                                                    | 49 800*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,0                    | 82,0                            | 11 100                                                                    | 46 300*                                 | 88,0                           |

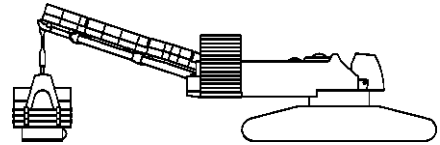


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



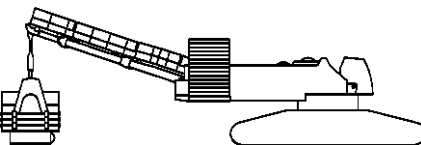
## 61,0m (200 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,5                    | 127,2                           | 88 900                                                                    | 105 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,7                           |
| 44,0                           | 65,3                    | 126,5                           | 85 200                                                                    | 105 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 63,5                    | 125,5                           | 79 800                                                                    | 105 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 61,6                    | 124,4                           | 75 000                                                                    | 103 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 59,7                    | 123,2                           | 70 500                                                                    | 100 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 57,8                    | 122,0                           | 66 400                                                                    | 97 800*                                 | 62,7                    | 123,8                           | 57 200                                                                    | 100 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 55,8                    | 120,6                           | 62 700                                                                    | 94 900*                                 | 60,8                    | 122,7                           | 53 800                                                                    | 99 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 53,8                    | 119,1                           | 59 200                                                                    | 91 800*                                 | 58,9                    | 121,5                           | 50 700                                                                    | 95 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 51,7                    | 117,5                           | 55 900                                                                    | 88 700*                                 | 57,0                    | 120,2                           | 47 800                                                                    | 91 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 49,5                    | 115,8                           | 52 900                                                                    | 85 600*                                 | 55,0                    | 118,7                           | 45 000                                                                    | 88 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 47,3                    | 114,0                           | 50 000                                                                    | 81 900*                                 | 52,9                    | 117,2                           | 42 500                                                                    | 84 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 45,0                    | 112,0                           | 47 400                                                                    | 77 400*                                 | 50,8                    | 115,6                           | 40 100                                                                    | 81 200*                                 | 56,0                    | 117,8                           | 32 900                                                                    | 76 200*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 42,6                    | 109,8                           | 44 900                                                                    | 73 300*                                 | 48,6                    | 113,8                           | 37 800                                                                    | 78 000*                                 | 54,0                    | 116,3                           | 30 900                                                                    | 73 100*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 40,0                    | 107,4                           | 42 500                                                                    | 69 500*                                 | 46,4                    | 111,9                           | 35 700                                                                    | 75 000*                                 | 51,9                    | 114,8                           | 29 000                                                                    | 70 300*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 37,3                    | 104,8                           | 40 300                                                                    | 65 900*                                 | 44,0                    | 109,8                           | 33 700                                                                    | 72 200*                                 | 49,8                    | 113,1                           | 27 300                                                                    | 67 600*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 34,5                    | 101,9                           | 38 200                                                                    | 62 700*                                 | 41,5                    | 107,6                           | 31 900                                                                    | 69 500*                                 | 47,6                    | 111,2                           | 25 500                                                                    | 65 100*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 31,3                    | 98,7                            | 36 200                                                                    | 59 500*                                 | 38,9                    | 105,1                           | 30 000                                                                    | 67 000*                                 | 45,3                    | 109,2                           | 24 000                                                                    | 62 700*                                 | 50,7                    | 111,7                           | 18 000                                                                    | 58 500*                                 | 74,0                           |
| 76,0                           | 27,9                    | 95,0                            | 34 300                                                                    | 56 600*                                 | 36,2                    | 102,4                           | 28 300                                                                    | 64 500*                                 | 42,8                    | 107,1                           | 22 500                                                                    | 60 400*                                 | 48,5                    | 109,9                           | 16 700                                                                    | 56 300*                                 | 76,0                           |
| 78,0                           | 24,0                    | 90,6                            | 32 400                                                                    | 53 800*                                 | 33,2                    | 99,4                            | 26 700                                                                    | 61 500*                                 | 40,3                    | 104,7                           | 21 000                                                                    | 58 200*                                 | 46,3                    | 108,0                           | 15 400                                                                    | 54 300*                                 | 78,0                           |
| 80,0                           | 19,3                    | 85,3                            | 30 600                                                                    | 50 500*                                 | 30,0                    | 96,0                            | 25 100                                                                    | 58 400*                                 | 37,7                    | 102,2                           | 19 600                                                                    | 56 200*                                 | 43,9                    | 105,9                           | 14 200                                                                    | 52 300*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         | 22,2                    | 87,3                            | 22 200                                                                    | 52 900*                                 | 31,7                    | 96,1                            | 17 000                                                                    | 52 300*                                 | 38,9                    | 101,2                           | 11 900                                                                    | 48 600*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         | 9,1                     | 71,9                            | 19 200                                                                    | 43 400*                                 | 24,5                    | 88,2                            | 14 600                                                                    | 48 700*                                 | 33,1                    | 95,4                            | 9 800                                                                     | 45 300*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,9                    | 75,9                            | 12 200                                                                    | 45 300*                                 | 26,3                    | 88,1                            | 7 800                                                                     | 42 200*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,9                    | 77,3                            | 5 900                                                                     | 39 300*                                 | 96,0                           |

# Liftcrane Luffing Jib Capacities

**Luffing Jib No. 79A On**  
**Boom No. 55 or No. 55A with 42,7m Mast No. 56**  
**223 170 kg Crane Counterweight**  
**145 150 kg Carbody Counterweight**  
**212 190 kg Hanging Counterweight**  
**at 18m Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**



**18000 With  
21000 MAX-ER**

## 61,0m (200 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 64,7                    | 131,7                           | 74 900                                                                    | 90 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 47,2                           |
| 48,0                           | 64,1                    | 131,3                           | 73 200                                                                    | 90 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 62,4                    | 130,3                           | 68 700                                                                    | 89 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 60,6                    | 129,1                           | 64 600                                                                    | 87 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 58,9                    | 127,9                           | 60 900                                                                    | 84 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 57,1                    | 126,6                           | 57 400                                                                    | 81 200*                                 | 61,7                    | 128,6                           | 48 700                                                                    | 85 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 55,3                    | 125,2                           | 54 200                                                                    | 78 200*                                 | 59,9                    | 127,4                           | 45 800                                                                    | 85 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 53,4                    | 123,7                           | 51 200                                                                    | 75 200*                                 | 58,2                    | 126,2                           | 43 100                                                                    | 83 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 51,5                    | 122,1                           | 48 300                                                                    | 72 300*                                 | 56,3                    | 124,8                           | 40 500                                                                    | 80 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 49,5                    | 120,4                           | 45 700                                                                    | 69 400*                                 | 54,5                    | 123,4                           | 38 200                                                                    | 77 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 47,4                    | 118,6                           | 43 300                                                                    | 66 600*                                 | 52,6                    | 121,8                           | 36 000                                                                    | 74 500*                                 | 57,3                    | 123,8                           | 28 800                                                                    | 71 500*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 45,3                    | 116,6                           | 40 900                                                                    | 63 800*                                 | 50,7                    | 120,2                           | 33 800                                                                    | 71 700*                                 | 55,5                    | 122,4                           | 26 900                                                                    | 68 700*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 43,1                    | 114,5                           | 38 700                                                                    | 61 100*                                 | 48,6                    | 118,4                           | 31 800                                                                    | 68 900*                                 | 53,6                    | 120,9                           | 25 200                                                                    | 66 000*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 40,8                    | 112,1                           | 36 600                                                                    | 58 500*                                 | 46,6                    | 116,5                           | 30 000                                                                    | 66 100*                                 | 51,7                    | 119,4                           | 23 500                                                                    | 63 500*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 38,4                    | 109,6                           | 34 600                                                                    | 56 000*                                 | 44,4                    | 114,5                           | 28 200                                                                    | 63 400*                                 | 49,7                    | 117,7                           | 21 900                                                                    | 61 100*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 35,8                    | 106,9                           | 32 800                                                                    | 53 500*                                 | 42,2                    | 112,3                           | 26 600                                                                    | 60 700*                                 | 47,7                    | 115,8                           | 20 500                                                                    | 58 800*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 33,1                    | 103,8                           | 31 000                                                                    | 51 200*                                 | 39,8                    | 109,9                           | 25 000                                                                    | 58 100*                                 | 45,6                    | 113,9                           | 19 000                                                                    | 56 700*                                 | 50,6                    | 116,3                           | 13 300                                                                    | 52 600*                                 | 78,0                           |
| 80,0                           | 30,1                    | 100,4                           | 29 300                                                                    | 48 900*                                 | 37,4                    | 107,3                           | 23 400                                                                    | 55 600*                                 | 43,4                    | 111,7                           | 17 700                                                                    | 54 600*                                 | 48,6                    | 114,5                           | 12 100                                                                    | 50 700*                                 | 80,0                           |
| 84,0                           | 23,2                    | 92,1                            | 26 000                                                                    | 44 700*                                 | 31,9                    | 101,2                           | 20 600                                                                    | 50 900*                                 | 38,7                    | 107,0                           | 15 200                                                                    | 50 800*                                 | 44,4                    | 110,6                           | 9 900                                                                     | 47 100*                                 | 84,0                           |
| 88,0                           | 12,8                    | 78,9                            | 22 900                                                                    | 37 000*                                 | 25,4                    | 93,6                            | 17 900                                                                    | 46 400*                                 | 33,4                    | 101,2                           | 12 900                                                                    | 47 300*                                 | 39,8                    | 106,0                           | 7 800                                                                     | 43 800*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 16,6                    | 82,5                            | 15 400                                                                    | 42 000*                                 | 27,3                    | 94,1                            | 10 700                                                                    | 44 100*                                 | 34,7                    | 100,5                           | 6 000                                                                     | 40 700*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,3                    | 84,3                            | 8 600                                                                     | 41 100*                                 | 28,8                    | 93,7                            | 4 200                                                                     | 37 900*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,3                    | 84,7                            | 2 500                                                                     | 35 300*                                 | 100,0                          |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

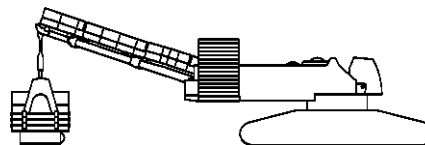
212 190 kg Hanging Counterweight

at 18m Position

360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



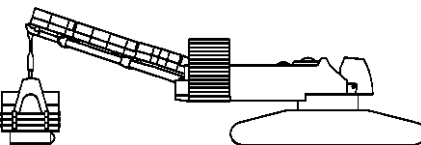
## 61,0m (200 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 63,2                    | 136,2                           | 63 600                                                                    | 78 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 51,8                           |
| 52,0                           | 63,0                    | 136,1                           | 63 300                                                                    | 77 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 61,4                    | 135,0                           | 59 500                                                                    | 76 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 59,8                    | 133,9                           | 56 000                                                                    | 73 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 58,2                    | 132,6                           | 52 800                                                                    | 70 500*                                 | 62,4                    | 134,4                           | 44 200                                                                    | 73 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 56,5                    | 131,3                           | 49 800                                                                    | 67 700*                                 | 60,8                    | 133,3                           | 41 500                                                                    | 73 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 54,8                    | 129,9                           | 47 000                                                                    | 64 900*                                 | 59,2                    | 132,1                           | 39 000                                                                    | 72 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 53,1                    | 128,4                           | 44 400                                                                    | 62 200*                                 | 57,5                    | 130,8                           | 36 700                                                                    | 69 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 51,3                    | 126,7                           | 41 900                                                                    | 59 600*                                 | 55,8                    | 129,4                           | 34 500                                                                    | 66 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 49,4                    | 125,0                           | 39 600                                                                    | 57 000*                                 | 54,1                    | 128,0                           | 32 400                                                                    | 64 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 47,5                    | 123,2                           | 37 400                                                                    | 54 500*                                 | 52,3                    | 126,4                           | 30 400                                                                    | 61 500*                                 | 56,7                    | 128,5                           | 23 600                                                                    | 64 800*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 45,6                    | 121,2                           | 35 300                                                                    | 52 000*                                 | 50,5                    | 124,8                           | 28 600                                                                    | 58 900*                                 | 55,0                    | 127,1                           | 22 000                                                                    | 62 200*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 43,6                    | 119,1                           | 33 300                                                                    | 49 600*                                 | 48,7                    | 123,0                           | 26 800                                                                    | 56 400*                                 | 53,3                    | 125,6                           | 20 400                                                                    | 59 900*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 41,5                    | 116,9                           | 31 500                                                                    | 47 300*                                 | 46,8                    | 121,1                           | 25 100                                                                    | 53 900*                                 | 51,5                    | 124,0                           | 18 900                                                                    | 57 600*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 39,3                    | 114,4                           | 29 700                                                                    | 45 000*                                 | 44,8                    | 119,1                           | 23 600                                                                    | 51 500*                                 | 49,7                    | 122,3                           | 17 500                                                                    | 55 500*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 37,0                    | 111,8                           | 28 000                                                                    | 42 800*                                 | 42,7                    | 116,9                           | 22 100                                                                    | 49 100*                                 | 47,8                    | 120,4                           | 16 200                                                                    | 53 400*                                 | 52,3                    | 122,5                           | 10 500                                                                    | 49 400*                                 | 80,0                           |
| 84,0                           | 31,9                    | 105,7                           | 24 900                                                                    | 38 700*                                 | 38,4                    | 112,1                           | 19 200                                                                    | 44 600*                                 | 43,8                    | 116,4                           | 13 700                                                                    | 49 700*                                 | 48,6                    | 119,1                           | 8 300                                                                     | 45 800*                                 | 84,0                           |
| 88,0                           | 26,0                    | 98,2                            | 22 000                                                                    | 34 900*                                 | 33,5                    | 106,4                           | 16 700                                                                    | 40 300*                                 | 39,5                    | 111,7                           | 11 500                                                                    | 46 000*                                 | 44,7                    | 115,2                           | 6 300                                                                     | 42 600*                                 | 88,0                           |
| 92,0                           | 18,2                    | 87,8                            | 19 300                                                                    | 31 500*                                 | 27,8                    | 99,3                            | 14 300                                                                    | 36 400*                                 | 34,8                    | 106,3                           | 9 300                                                                     | 41 700*                                 | 40,5                    | 110,7                           | 4 500                                                                     | 39 600*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         | 20,8                    | 90,1                            | 12 100                                                                    | 32 800*                                 | 29,4                    | 99,7                            | 7 400                                                                     | 37 700*                                 | 35,9                    | 105,4                           | 2 800                                                                     | 36 800*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         | 9,3                     | 74,1                            | 9 800                                                                     | 29 100*                                 | 22,9                    | 91,1                            | 5 500                                                                     | 34 000*                                 | 30,7                    | 99,1                            | 1 200                                                                     | 34 000*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,4                    | 78,1                            | 3 700                                                                     | 30 700*                                 | 24,5                    | 91,1                            |                                                                           | 31 300*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,0                    | 79,6                            |                                                                           | 28 700*                                 | 108,0                          |

# Liftcrane Luffing Jib Capacities

**Luffing Jib No. 79A On**  
**Boom No. 55 or No. 55A with 42,7m Mast No. 56**  
**223 170 kg Crane Counterweight**  
**145 150 kg Carbody Counterweight**  
**212 190 kg Hanging Counterweight**  
**at 18m Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**



**18000 With  
21000 MAX-ER**

## 61,0m (200 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

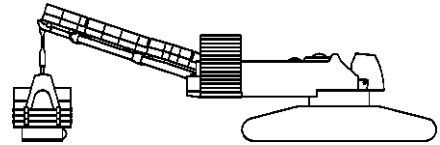
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 63,0                    | 141,5                           | 56 200                                                                    | 66 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,9                           |
| 56,0                           | 62,1                    | 140,9                           | 54 200                                                                    | 65 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 60,6                    | 139,8                           | 51 000                                                                    | 62 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 59,1                    | 138,6                           | 48 000                                                                    | 60 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 57,6                    | 137,3                           | 45 200                                                                    | 57 300*                                 | 61,5                    | 139,2                           | 37 100                                                                    | 63 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 56,0                    | 135,9                           | 42 600                                                                    | 54 800*                                 | 60,0                    | 138,0                           | 34 700                                                                    | 61 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 54,4                    | 134,5                           | 40 100                                                                    | 52 300*                                 | 58,5                    | 136,8                           | 32 500                                                                    | 58 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 52,8                    | 133,0                           | 37 800                                                                    | 49 900*                                 | 56,9                    | 135,5                           | 30 400                                                                    | 56 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 51,1                    | 131,3                           | 35 600                                                                    | 47 400*                                 | 55,4                    | 134,1                           | 28 500                                                                    | 53 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 49,4                    | 129,6                           | 33 600                                                                    | 45 000*                                 | 53,8                    | 132,6                           | 26 600                                                                    | 51 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 47,6                    | 127,8                           | 31 700                                                                    | 42 700*                                 | 52,1                    | 131,1                           | 24 900                                                                    | 49 200*                                 | 56,2                    | 133,1                           | 18 300                                                                    | 54 500*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 45,8                    | 125,8                           | 29 800                                                                    | 40 500*                                 | 50,4                    | 129,4                           | 23 200                                                                    | 46 700*                                 | 54,6                    | 131,7                           | 16 900                                                                    | 52 300*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 44,0                    | 123,8                           | 28 100                                                                    | 38 300*                                 | 48,7                    | 127,6                           | 21 700                                                                    | 44 400*                                 | 53,0                    | 130,2                           | 15 500                                                                    | 50 000*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 42,0                    | 121,6                           | 26 400                                                                    | 36 200*                                 | 46,9                    | 125,7                           | 20 200                                                                    | 42 100*                                 | 51,3                    | 128,6                           | 14 200                                                                    | 47 800*                                 |                         |                                 |                                                                           |                                         | 80,0                           |
| 84,0                           | 37,9                    | 116,6                           | 23 300                                                                    | 32 200*                                 | 43,2                    | 121,6                           | 17 500                                                                    | 37 800*                                 | 47,9                    | 125,0                           | 11 700                                                                    | 43 300*                                 | 52,1                    | 127,2                           | 6 100                                                                     | 44 200*                                 | 84,0                           |
| 88,0                           | 33,4                    | 110,8                           | 20 500                                                                    | 28 500*                                 | 39,2                    | 116,9                           | 14 900                                                                    | 33 700*                                 | 44,2                    | 121,1                           | 9 500                                                                     | 39 000*                                 | 48,6                    | 123,7                           | 4 200                                                                     | 40 900*                                 | 88,0                           |
| 92,0                           | 28,1                    | 103,8                           | 17 900                                                                    | 25 000*                                 | 34,8                    | 111,4                           | 12 600                                                                    | 29 900*                                 | 40,3                    | 116,5                           | 7 400                                                                     | 34 900*                                 | 45,0                    | 119,8                           | 2 400                                                                     | 37 900*                                 | 92,0                           |
| 96,0                           | 21,8                    | 94,9                            | 15 400                                                                    | 21 900*                                 | 29,8                    | 104,8                           | 10 500                                                                    | 26 300*                                 | 36,0                    | 111,2                           | 5 500                                                                     | 31 000*                                 | 41,2                    | 115,4                           | 800                                                                       | 34 800*                                 | 96,0                           |
| 100,0                          | 12,4                    | 81,1                            | 13 000                                                                    | 19 000*                                 | 23,8                    | 96,6                            | 8 400                                                                     | 23 100*                                 | 31,2                    | 105,0                           | 3 800                                                                     | 27 400*                                 | 37,0                    | 110,3                           |                                                                           | 31 900*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 15,8                    | 84,9                            | 6 500                                                                     | 20 100*                                 | 25,5                    | 97,2                            | 2 100                                                                     | 24 100*                                 | 32,3                    | 104,3                           |                                                                           | 28 300*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,3                    | 86,8                            | 500                                                                       | 21 000*                                 | 26,9                    | 97,0                            |                                                                           | 24 900*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,1                    | 87,3                            |                                                                           | 21 800*                                 | 112,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



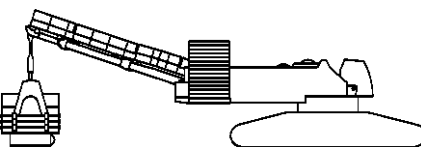
## 61,0m (200 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 65,5                           | 57,4                    | 142,2                           | 39 300                                                                    | 46 600*                                 | 61,1                    | 144,2                           | 31 400                                                                    | 52 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 65,5                           |
| 66,0                           | 57,0                    | 141,9                           | 38 700                                                                    | 46 000*                                 | 60,7                    | 143,9                           | 30 900                                                                    | 51 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 55,6                    | 140,6                           | 36 400                                                                    | 43 700*                                 | 59,3                    | 142,7                           | 28 900                                                                    | 49 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 54,1                    | 139,1                           | 34 200                                                                    | 41 400*                                 | 57,9                    | 141,5                           | 26 900                                                                    | 47 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 52,5                    | 137,6                           | 32 200                                                                    | 39 100*                                 | 56,4                    | 140,1                           | 25 100                                                                    | 45 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 51,0                    | 135,9                           | 30 300                                                                    | 36 900*                                 | 55,0                    | 138,7                           | 23 400                                                                    | 42 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 49,4                    | 134,2                           | 28 400                                                                    | 34 800*                                 | 53,4                    | 137,2                           | 21 700                                                                    | 40 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 47,7                    | 132,4                           | 26 700                                                                    | 32 600*                                 | 51,9                    | 135,6                           | 20 200                                                                    | 38 400*                                 | 55,7                    | 137,8                           | 13 900                                                                    | 43 500*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 46,1                    | 130,5                           | 25 000                                                                    | 30 600*                                 | 50,3                    | 134,0                           | 18 700                                                                    | 36 200*                                 | 54,2                    | 136,3                           | 12 600                                                                    | 41 400*                                 |                         |                                 |                                                                           |                                         | 80,0                           |
| 84,0                           | 42,5                    | 126,2                           | 22 000                                                                    | 26 800*                                 | 47,1                    | 130,4                           | 16 000                                                                    | 32 100*                                 | 51,2                    | 133,2                           | 10 100                                                                    | 37 200*                                 |                         |                                 |                                                                           |                                         | 84,0                           |
| 88,0                           | 38,7                    | 121,4                           | 19 200                                                                    | 23 100*                                 | 43,6                    | 126,3                           | 13 500                                                                    | 28 100*                                 | 47,9                    | 129,6                           | 8 000                                                                     | 33 100*                                 | 51,9                    | 131,7                           | 2 500                                                                     | 37 500*                                 | 88,0                           |
| 92,0                           | 34,6                    | 115,9                           | 16 600                                                                    | 19 700*                                 | 39,9                    | 121,7                           | 11 200                                                                    | 24 400*                                 | 44,5                    | 125,7                           | 5 900                                                                     | 29 200*                                 | 48,7                    | 128,3                           | 800                                                                       | 33 700*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         | 35,8                    | 116,3                           | 9 100                                                                     | 20 900*                                 | 40,9                    | 121,2                           | 4 100                                                                     | 25 400*                                 | 45,3                    | 124,5                           |                                                                           | 29 900*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         | 31,4                    | 110,1                           | 7 100                                                                     | 17 700*                                 | 36,9                    | 116,1                           | 2 300                                                                     | 21 900*                                 | 41,7                    | 120,1                           |                                                                           | 26 200*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 26,2                    | 102,6                           | 5 300                                                                     | 14 700*                                 | 32,6                    | 110,2                           | 700                                                                       | 18 700*                                 | 37,9                    | 115,2                           |                                                                           | 22 700*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         | 19,7                    | 92,7                            | 3 500                                                                     | 12 000*                                 | 27,6                    | 103,0                           |                                                                           | 15 600*                                 | 33,6                    | 109,4                           |                                                                           | 19 400*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         | 9,4                     | 76,2                            | 1 700                                                                     | 9 600*                                  | 21,6                    | 93,9                            |                                                                           | 12 800*                                 | 28,8                    | 102,6                           |                                                                           | 16 400*                                 | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,0                    | 80,3                            |                                                                           | 10 300*                                 | 23,1                    | 94,0                            |                                                                           | 13 500*                                 | 116,0                          |
| 120,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,3                    | 81,9                            |                                                                           | 11 000*                                 | 120,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 67,1m (220 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 64,8                    | 93,7                            | 168 900                                                                   | 234 300* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,4                           |
| 28,0                           | 63,4                    | 93,3                            | 164 800                                                                   | 229 500* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 58,5                    | 92,1                            | 151 100                                                                   | 213 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 53,3                    | 90,6                            | 139 300                                                                   | 199 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 47,6                    | 88,7                            | 128 900                                                                   | 186 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 41,3                    | 86,5                            | 119 600                                                                   | 175 400*                                | 57,8                    | 90,5                            | 107 200                                                                   | 167 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 34,0                    | 83,6                            | 111 300                                                                   | 165 300*                                | 52,5                    | 88,9                            | 99 700                                                                    | 157 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 24,5                    | 79,5                            | 103 700                                                                   | 153 700*                                | 46,7                    | 87,1                            | 93 100                                                                    | 149 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           |                         |                                 |                                                                           |                                         | 40,3                    | 84,7                            | 87 100                                                                    | 141 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         | 32,7                    | 81,7                            | 81 500                                                                    | 133 800*                                | 51,3                    | 86,7                            | 71 900                                                                    | 127 400*                                |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         | 22,7                    | 77,3                            | 76 300                                                                    | 127 100*                                | 45,4                    | 84,7                            | 67 400                                                                    | 121 100*                                |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,8                    | 82,2                            | 63 300                                                                    | 115 300*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,8                    | 79,0                            | 59 400                                                                    | 109 900*                                | 49,5                    | 83,8                            | 51 400                                                                    | 104 500*                                | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 43,4                    | 81,7                            | 48 300                                                                    | 99 700*                                 | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,5                    | 79,0                            | 45 300                                                                    | 95 300*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,9                    | 75,4                            | 42 500                                                                    | 91 200*                                 | 56,0                           |

## 67,1m (220 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,8                    | 99,7                            | 157 300                                                                   | 220 500* <sup>b</sup>                   |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,0                           |
| 30,0                           | 64,9                    | 99,2                            | 150 600                                                                   | 212 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 60,9                    | 98,1                            | 138 800                                                                   | 198 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 56,8                    | 96,7                            | 128 500                                                                   | 186 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 52,5                    | 95,2                            | 119 400                                                                   | 174 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 47,9                    | 93,3                            | 111 300                                                                   | 164 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 42,9                    | 91,2                            | 104 000                                                                   | 155 900*                                | 56,2                    | 95,1                            | 92 400                                                                    | 148 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 37,3                    | 88,6                            | 97 400                                                                    | 147 700*                                | 51,8                    | 93,5                            | 86 500                                                                    | 140 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 30,7                    | 85,3                            | 91 300                                                                    | 140 100*                                | 47,2                    | 91,7                            | 81 100                                                                    | 133 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 22,3                    | 80,8                            | 85 700                                                                    | 131 700*                                | 42,1                    | 89,5                            | 76 200                                                                    | 126 800*                                | 55,3                    | 92,9                            | 66 500                                                                    | 120 200*                                |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 36,4                    | 86,8                            | 71 700                                                                    | 120 700*                                | 50,8                    | 91,3                            | 62 500                                                                    | 114 500*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 29,6                    | 83,4                            | 67 400                                                                    | 115 200*                                | 46,1                    | 89,3                            | 58 800                                                                    | 109 300*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         | 20,8                    | 78,6                            | 63 400                                                                    | 109 900*                                | 40,9                    | 87,1                            | 55 400                                                                    | 104 400*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,0                    | 84,2                            | 52 200                                                                    | 99 900*                                 | 49,4                    | 88,4                            | 44 300                                                                    | 94 500*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,9                    | 80,6                            | 49 100                                                                    | 95 600*                                 | 44,5                    | 86,3                            | 41 700                                                                    | 90 500*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 39,1                    | 83,9                            | 39 300                                                                    | 86 700*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,9                    | 80,9                            | 36 900                                                                    | 83 100*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,3                    | 76,9                            | 34 600                                                                    | 79 600*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,6                    | 70,3                            | 32 300                                                                    | 76 300*                                 | 64,0                           |

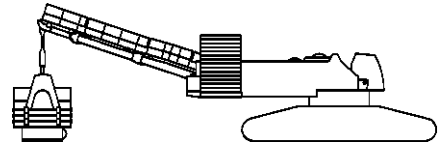
Capacities indicated by (b) require  
9 530 kg minimum weight suspended  
beneath luffing jib point.

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 67,1m (220 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

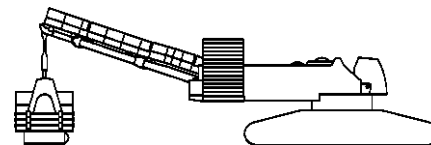
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                    | 105,0                           | 137 100                                                                   | 190 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 62,5                    | 103,9                           | 126 900                                                                   | 183 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 59,2                    | 102,7                           | 117 900                                                                   | 173 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 55,6                    | 101,3                           | 109 900                                                                   | 163 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 52,0                    | 99,8                            | 102 700                                                                   | 154 600*                                | 62,0                    | 102,4                           | 90 400                                                                    | 146 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 48,1                    | 97,9                            | 96 200                                                                    | 146 500*                                | 58,6                    | 101,2                           | 84 600                                                                    | 138 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 43,9                    | 95,9                            | 90 300                                                                    | 139 000*                                | 55,1                    | 99,7                            | 79 400                                                                    | 131 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 39,3                    | 93,4                            | 84 900                                                                    | 132 300*                                | 51,4                    | 98,1                            | 74 600                                                                    | 125 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 34,3                    | 90,6                            | 79 900                                                                    | 126 000*                                | 47,5                    | 96,3                            | 70 200                                                                    | 119 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 28,3                    | 87,0                            | 75 300                                                                    | 120 100*                                | 43,2                    | 94,2                            | 66 100                                                                    | 113 900*                                | 54,3                    | 97,5                            | 56 800                                                                    | 107 600*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 20,7                    | 82,1                            | 70 900                                                                    | 113 200*                                | 38,6                    | 91,7                            | 62 300                                                                    | 108 800*                                | 50,5                    | 95,9                            | 53 500                                                                    | 102 800*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 33,4                    | 88,7                            | 58 800                                                                    | 104 100*                                | 46,6                    | 94,0                            | 50 400                                                                    | 98 300*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 27,3                    | 85,0                            | 55 500                                                                    | 99 700*                                 | 42,3                    | 91,8                            | 47 600                                                                    | 94 200*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 19,3                    | 79,8                            | 52 300                                                                    | 95 400*                                 | 37,5                    | 89,2                            | 44 800                                                                    | 90 300*                                 | 49,3                    | 93,0                            | 37 200                                                                    | 85 100*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,2                    | 86,1                            | 42 300                                                                    | 86 600*                                 | 45,3                    | 91,0                            | 35 000                                                                    | 81 600*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,8                    | 82,1                            | 39 800                                                                    | 83 100*                                 | 40,8                    | 88,7                            | 33 000                                                                    | 78 300*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,1                    | 76,4                            | 37 400                                                                    | 79 700*                                 | 36,0                    | 85,9                            | 31 000                                                                    | 75 200*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,4                    | 82,6                            | 29 100                                                                    | 72 200*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,5                    | 78,3                            | 27 200                                                                    | 69 300*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,0                    | 71,4                            | 25 300                                                                    | 66 500*                                 | 70,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 67,1m (220 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

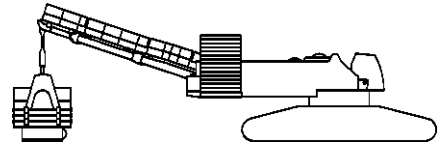
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,2                    | 111,0                           | 128 200                                                                   | 167 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 33,5                           |
| 34,0                           | 66,5                    | 110,8                           | 126 000                                                                   | 166 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 63,7                    | 109,8                           | 116 900                                                                   | 161 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 60,8                    | 108,7                           | 108 900                                                                   | 156 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 57,8                    | 107,4                           | 101 700                                                                   | 150 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 54,8                    | 106,0                           | 95 300                                                                    | 144 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 51,6                    | 104,3                           | 89 400                                                                    | 137 900*                                | 60,4                    | 107,1                           | 78 100                                                                    | 130 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 48,2                    | 102,6                           | 84 100                                                                    | 131 400*                                | 57,4                    | 105,8                           | 73 300                                                                    | 124 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 44,6                    | 100,5                           | 79 200                                                                    | 125 100*                                | 54,3                    | 104,3                           | 69 000                                                                    | 118 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 40,8                    | 98,2                            | 74 800                                                                    | 119 100*                                | 51,1                    | 102,7                           | 65 000                                                                    | 112 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 36,6                    | 95,6                            | 70 600                                                                    | 113 300*                                | 47,7                    | 100,9                           | 61 300                                                                    | 107 900*                                | 56,7                    | 103,6                           | 52 100                                                                    | 101 700*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 31,9                    | 92,4                            | 66 700                                                                    | 108 200*                                | 44,1                    | 98,8                            | 57 900                                                                    | 103 200*                                | 53,6                    | 102,2                           | 49 100                                                                    | 97 200*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 26,5                    | 88,5                            | 63 100                                                                    | 103 600*                                | 40,2                    | 96,5                            | 54 700                                                                    | 98 900*                                 | 50,3                    | 100,5                           | 46 300                                                                    | 93 100*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 19,6                    | 83,4                            | 59 600                                                                    | 93 800*                                 | 36,0                    | 93,7                            | 51 700                                                                    | 94 800*                                 | 46,9                    | 98,6                            | 43 700                                                                    | 89 300*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 31,2                    | 90,5                            | 48 900                                                                    | 91 000*                                 | 43,2                    | 96,5                            | 41 200                                                                    | 85 700*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 25,6                    | 86,5                            | 46 200                                                                    | 87 300*                                 | 39,3                    | 94,0                            | 38 900                                                                    | 82 300*                                 | 49,3                    | 97,6                            | 31 600                                                                    | 77 200*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 18,3                    | 81,0                            | 43 600                                                                    | 83 900*                                 | 35,0                    | 91,2                            | 36 700                                                                    | 79 100*                                 | 45,8                    | 95,6                            | 29 700                                                                    | 74 100*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                    | 87,8                            | 34 600                                                                    | 76 000*                                 | 42,0                    | 93,4                            | 27 900                                                                    | 71 200*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,2                    | 83,6                            | 32 600                                                                    | 73 000*                                 | 38,0                    | 90,9                            | 26 200                                                                    | 68 500*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,2                    | 77,6                            | 30 600                                                                    | 70 200*                                 | 33,5                    | 87,9                            | 24 600                                                                    | 65 900*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,4                    | 84,3                            | 23 000                                                                    | 63 500*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,0                    | 79,7                            | 21 500                                                                    | 61 100*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 12,6                    | 72,4                            | 19 800                                                                    | 58 700*                                 | 76,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



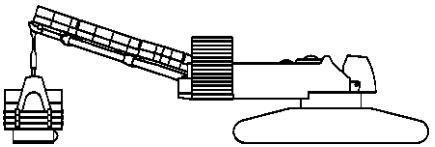
## 67,1m (220 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,3                    | 116,3                           | 112 700                                                                   | 144 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,6                           |
| 38,0                           | 64,6                    | 115,6                           | 107 100                                                                   | 142 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 62,1                    | 114,6                           | 100 000                                                                   | 138 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 59,5                    | 113,3                           | 93 600                                                                    | 133 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 56,8                    | 112,0                           | 87 800                                                                    | 129 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 54,1                    | 110,6                           | 82 500                                                                    | 124 000*                                | 61,7                    | 113,0                           | 71 300                                                                    | 122 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 51,3                    | 108,9                           | 77 700                                                                    | 118 800*                                | 59,1                    | 111,8                           | 67 000                                                                    | 116 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 48,3                    | 107,2                           | 73 200                                                                    | 113 600*                                | 56,4                    | 110,4                           | 63 100                                                                    | 111 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 45,2                    | 105,2                           | 69 100                                                                    | 108 500*                                | 53,7                    | 109,0                           | 59 400                                                                    | 106 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 41,9                    | 102,9                           | 65 400                                                                    | 103 600*                                | 50,8                    | 107,3                           | 56 100                                                                    | 101 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 38,3                    | 100,4                           | 61 800                                                                    | 98 900*                                 | 47,8                    | 105,5                           | 52 900                                                                    | 97 400*                                 | 55,8                    | 108,3                           | 44 200                                                                    | 91 400*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 34,4                    | 97,5                            | 58 500                                                                    | 94 500*                                 | 44,7                    | 103,5                           | 50 000                                                                    | 93 400*                                 | 53,1                    | 106,7                           | 41 600                                                                    | 87 600*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 30,1                    | 94,2                            | 55 400                                                                    | 90 500*                                 | 41,3                    | 101,2                           | 47 300                                                                    | 89 600*                                 | 50,2                    | 105,1                           | 39 200                                                                    | 84 100*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 25,0                    | 90,0                            | 52 500                                                                    | 86 600*                                 | 37,7                    | 98,6                            | 44 700                                                                    | 86 000*                                 | 47,2                    | 103,2                           | 36 900                                                                    | 80 700*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 18,6                    | 84,6                            | 49 600                                                                    | 78 400*                                 | 33,8                    | 95,7                            | 42 300                                                                    | 82 700*                                 | 44,0                    | 101,1                           | 34 800                                                                    | 77 500*                                 | 52,2                    | 103,9                           | 27 500                                                                    | 72 300*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 29,4                    | 92,2                            | 40 000                                                                    | 79 500*                                 | 40,6                    | 98,8                            | 32 800                                                                    | 74 500*                                 | 49,3                    | 102,2                           | 25 700                                                                    | 69 500*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 24,2                    | 88,0                            | 37 800                                                                    | 76 500*                                 | 36,9                    | 96,2                            | 30 900                                                                    | 71 700*                                 | 46,2                    | 100,2                           | 24 100                                                                    | 66 900*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 17,4                    | 82,2                            | 35 600                                                                    | 73 500*                                 | 32,9                    | 93,1                            | 29 100                                                                    | 69 000*                                 | 42,9                    | 98,1                            | 22 600                                                                    | 64 400*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,3                    | 89,5                            | 27 400                                                                    | 66 400*                                 | 39,5                    | 95,7                            | 21 100                                                                    | 61 900*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,9                    | 85,0                            | 25 700                                                                    | 63 900*                                 | 35,7                    | 92,9                            | 19 700                                                                    | 59 700*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,6                    | 78,7                            | 24 000                                                                    | 61 500*                                 | 31,5                    | 89,7                            | 18 300                                                                    | 57 500*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,7                    | 85,9                            | 17 000                                                                    | 55 400*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,9                    | 81,0                            | 15 700                                                                    | 53 300*                                 | 80,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 67,1m (220 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,3                    | 122,3                           | 105 500                                                                   | 127 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,1                           |
| 40,0                           | 65,3                    | 121,4                           | 98 700                                                                    | 125 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 63,0                    | 120,4                           | 92 300                                                                    | 122 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 60,8                    | 119,3                           | 86 500                                                                    | 119 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 58,4                    | 118,0                           | 81 300                                                                    | 115 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 56,0                    | 116,7                           | 76 500                                                                    | 111 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 53,6                    | 115,2                           | 72 100                                                                    | 107 500*                                | 60,4                    | 117,7                           | 61 700                                                                    | 110 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 51,0                    | 113,6                           | 68 000                                                                    | 103 300*                                | 58,1                    | 116,5                           | 58 100                                                                    | 105 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 48,4                    | 111,8                           | 64 200                                                                    | 99 000*                                 | 55,7                    | 115,1                           | 54 700                                                                    | 100 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 45,6                    | 109,8                           | 60 800                                                                    | 94 900*                                 | 53,2                    | 113,6                           | 51 600                                                                    | 96 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 42,7                    | 107,6                           | 57 500                                                                    | 90 900*                                 | 50,6                    | 111,9                           | 48 700                                                                    | 92 300*                                 | 57,6                    | 114,3                           | 40 100                                                                    | 86 400*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 39,6                    | 105,2                           | 54 500                                                                    | 87 000*                                 | 48,0                    | 110,1                           | 46 000                                                                    | 88 500*                                 | 55,1                    | 112,9                           | 37 700                                                                    | 82 800*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 36,2                    | 102,5                           | 51 600                                                                    | 83 300*                                 | 45,2                    | 108,1                           | 43 500                                                                    | 85 000*                                 | 52,6                    | 111,3                           | 35 500                                                                    | 79 500*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 32,6                    | 99,4                            | 48 900                                                                    | 79 900*                                 | 42,2                    | 105,9                           | 41 100                                                                    | 81 700*                                 | 50,1                    | 109,7                           | 33 400                                                                    | 76 400*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 28,5                    | 95,8                            | 46 400                                                                    | 76 800*                                 | 39,1                    | 103,5                           | 38 900                                                                    | 78 600*                                 | 47,4                    | 107,8                           | 31 400                                                                    | 73 400*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 23,8                    | 91,5                            | 43 900                                                                    | 73 300*                                 | 35,7                    | 100,7                           | 36 800                                                                    | 75 700*                                 | 44,5                    | 105,8                           | 29 600                                                                    | 70 600*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 17,8                    | 85,8                            | 41 600                                                                    | 66 300*                                 | 32,0                    | 97,6                            | 34 800                                                                    | 72 800*                                 | 41,6                    | 103,5                           | 27 800                                                                    | 67 900*                                 | 49,2                    | 106,8                           | 21 000                                                                    | 63 100*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         | 27,9                    | 93,9                            | 32 800                                                                    | 70 100*                                 | 38,4                    | 101,0                           | 26 200                                                                    | 65 400*                                 | 46,5                    | 104,9                           | 19 600                                                                    | 60 800*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 23,0                    | 89,4                            | 31 000                                                                    | 67 500*                                 | 34,9                    | 98,2                            | 24 600                                                                    | 63 000*                                 | 43,6                    | 102,8                           | 18 300                                                                    | 58 500*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 16,8                    | 83,4                            | 29 200                                                                    | 65 100*                                 | 31,2                    | 94,9                            | 23 100                                                                    | 60 700*                                 | 40,6                    | 100,4                           | 17 000                                                                    | 56 400*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,9                    | 91,1                            | 21 600                                                                    | 58 600*                                 | 37,3                    | 97,8                            | 15 700                                                                    | 54 400*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,8                    | 86,4                            | 20 200                                                                    | 56 400*                                 | 33,8                    | 94,9                            | 14 500                                                                    | 52 400*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,4                    | 87,4                            | 12 200                                                                    | 48 800*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 12,1                    | 74,6                            | 9 900                                                                     | 45 300*                                 | 88,0                           |

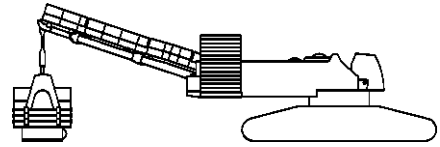


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



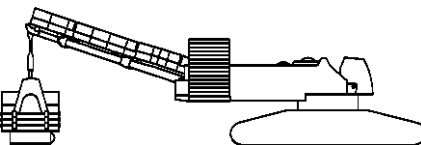
## 67,1m (220 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,6                    | 127,6                           | 93 100                                                                    | 111 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 41,1                           |
| 42,0                           | 65,8                    | 127,2                           | 90 500                                                                    | 110 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 63,8                    | 126,2                           | 84 700                                                                    | 108 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 61,8                    | 125,2                           | 79 500                                                                    | 106 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 59,7                    | 124,0                           | 74 700                                                                    | 103 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 57,6                    | 122,7                           | 70 300                                                                    | 100 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 55,4                    | 121,3                           | 66 300                                                                    | 96 900*                                 | 61,5                    | 123,6                           | 56 000                                                                    | 103 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 53,1                    | 119,8                           | 62 500                                                                    | 93 500*                                 | 59,4                    | 122,4                           | 52 700                                                                    | 98 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 50,8                    | 118,2                           | 59 100                                                                    | 90 100*                                 | 57,2                    | 121,1                           | 49 600                                                                    | 94 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 48,4                    | 116,4                           | 55 900                                                                    | 86 600*                                 | 55,0                    | 119,7                           | 46 700                                                                    | 90 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 45,9                    | 114,4                           | 52 900                                                                    | 83 300*                                 | 52,8                    | 118,2                           | 44 100                                                                    | 87 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 43,3                    | 112,3                           | 50 000                                                                    | 80 000*                                 | 50,5                    | 116,5                           | 41 600                                                                    | 83 500*                                 | 56,8                    | 118,9                           | 33 300                                                                    | 77 800*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 40,6                    | 110,0                           | 47 400                                                                    | 76 800*                                 | 48,1                    | 114,7                           | 39 300                                                                    | 80 200*                                 | 54,6                    | 117,5                           | 31 300                                                                    | 74 700*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 37,7                    | 107,4                           | 44 900                                                                    | 73 700*                                 | 45,5                    | 112,7                           | 37 100                                                                    | 77 100*                                 | 52,3                    | 116,0                           | 29 400                                                                    | 71 800*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 34,5                    | 104,5                           | 42 600                                                                    | 70 800*                                 | 42,9                    | 110,6                           | 35 000                                                                    | 74 200*                                 | 49,9                    | 114,3                           | 27 500                                                                    | 69 000*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 31,1                    | 101,2                           | 40 300                                                                    | 68 100*                                 | 40,1                    | 108,2                           | 33 100                                                                    | 71 400*                                 | 47,5                    | 112,4                           | 25 800                                                                    | 66 300*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 27,3                    | 97,5                            | 38 200                                                                    | 65 400*                                 | 37,2                    | 105,6                           | 31 200                                                                    | 68 800*                                 | 45,0                    | 110,4                           | 24 200                                                                    | 63 900*                                 | 51,6                    | 113,1                           | 17 400                                                                    | 59 000*                                 | 72,0                           |
| 74,0                           | 22,8                    | 92,9                            | 36 200                                                                    | 61 600*                                 | 34,0                    | 102,7                           | 29 400                                                                    | 66 300*                                 | 42,3                    | 108,2                           | 22 700                                                                    | 61 500*                                 | 49,2                    | 111,4                           | 16 100                                                                    | 56 800*                                 | 74,0                           |
| 76,0                           | 17,2                    | 87,0                            | 34 200                                                                    | 55 800*                                 | 30,5                    | 99,3                            | 27 700                                                                    | 63 900*                                 | 39,5                    | 105,8                           | 21 200                                                                    | 59 300*                                 | 46,7                    | 109,5                           | 14 800                                                                    | 54 700*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         | 26,6                    | 95,5                            | 26 100                                                                    | 61 600*                                 | 36,5                    | 103,1                           | 19 800                                                                    | 57 100*                                 | 44,2                    | 107,4                           | 13 600                                                                    | 52 700*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 22,1                    | 90,8                            | 24 500                                                                    | 59 400*                                 | 33,3                    | 100,1                           | 18 500                                                                    | 55 100*                                 | 41,5                    | 105,2                           | 12 500                                                                    | 50 800*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,7                    | 92,7                            | 15 900                                                                    | 51 300*                                 | 35,5                    | 99,9                            | 10 300                                                                    | 47 200*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,6                    | 80,9                            | 13 400                                                                    | 47 700*                                 | 28,5                    | 93,2                            | 8 300                                                                     | 44 000*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,2                    | 83,5                            | 6 300                                                                     | 40 900*                                 | 92,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 67,1m (220 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 45,7                           | 64,7                    | 132,2                           | 78 800                                                                    | 96 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 45,7                           |
| 46,0                           | 64,4                    | 132,1                           | 78 100                                                                    | 96 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 62,6                    | 131,0                           | 73 300                                                                    | 94 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 60,7                    | 129,9                           | 69 000                                                                    | 92 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 58,8                    | 128,7                           | 65 000                                                                    | 89 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 56,8                    | 127,3                           | 61 200                                                                    | 87 300*                                 | 62,3                    | 129,5                           | 51 200                                                                    | 92 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 54,8                    | 125,9                           | 57 800                                                                    | 84 700*                                 | 60,4                    | 128,3                           | 48 100                                                                    | 92 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 52,8                    | 124,4                           | 54 600                                                                    | 81 900*                                 | 58,5                    | 127,1                           | 45 300                                                                    | 89 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 50,7                    | 122,7                           | 51 600                                                                    | 79 100*                                 | 56,5                    | 125,8                           | 42 600                                                                    | 85 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 48,5                    | 121,0                           | 48 800                                                                    | 76 300*                                 | 54,5                    | 124,3                           | 40 200                                                                    | 82 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 46,2                    | 119,1                           | 46 200                                                                    | 73 500*                                 | 52,5                    | 122,8                           | 37 800                                                                    | 79 000*                                 | 56,1                    | 123,6                           | 27 800                                                                    | 70 500*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 43,8                    | 117,0                           | 43 700                                                                    | 70 800*                                 | 50,3                    | 121,1                           | 35 600                                                                    | 76 000*                                 | 54,1                    | 122,1                           | 26 000                                                                    | 67 800*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 41,4                    | 114,7                           | 41 400                                                                    | 68 200*                                 | 48,1                    | 119,3                           | 33 600                                                                    | 73 100*                                 | 52,0                    | 120,6                           | 24 300                                                                    | 65 100*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 38,8                    | 112,2                           | 39 200                                                                    | 65 600*                                 | 45,9                    | 117,4                           | 31 700                                                                    | 70 300*                                 | 49,9                    | 118,9                           | 22 700                                                                    | 62 600*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 36,0                    | 109,5                           | 37 100                                                                    | 63 200*                                 | 43,5                    | 115,3                           | 29 900                                                                    | 67 700*                                 | 47,7                    | 117,0                           | 21 200                                                                    | 60 300*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 33,0                    | 106,4                           | 35 200                                                                    | 60 900*                                 | 41,0                    | 113,0                           | 28 100                                                                    | 65 200*                                 | 45,4                    | 115,1                           | 19 800                                                                    | 58 100*                                 | 51,3                    | 117,7                           | 13 200                                                                    | 53 500*                                 | 74,0                           |
| 76,0                           | 29,8                    | 103,0                           | 33 300                                                                    | 58 300*                                 | 38,4                    | 110,4                           | 26 500                                                                    | 62 900*                                 | 43,0                    | 112,9                           | 18 400                                                                    | 56 000*                                 | 49,2                    | 116,0                           | 12 000                                                                    | 51 500*                                 | 76,0                           |
| 78,0                           | 26,2                    | 99,0                            | 31 500                                                                    | 55 400*                                 | 35,6                    | 107,7                           | 24 900                                                                    | 60 600*                                 | 40,4                    | 110,6                           | 17 100                                                                    | 54 000*                                 | 46,9                    | 114,1                           | 10 900                                                                    | 49 600*                                 | 78,0                           |
| 80,0                           | 21,9                    | 94,3                            | 29 700                                                                    | 52 300*                                 | 32,6                    | 104,6                           | 23 400                                                                    | 58 400*                                 | 34,9                    | 105,2                           | 14 600                                                                    | 50 200*                                 | 42,2                    | 109,9                           | 8 800                                                                     | 46 100*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         | 25,6                    | 97,0                            | 20 600                                                                    | 54 400*                                 | 28,5                    | 98,4                            | 12 400                                                                    | 46 800*                                 | 36,9                    | 104,8                           | 6 900                                                                     | 42 900*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,2                    | 89,0                            | 10 200                                                                    | 43 600*                                 | 30,9                    | 98,6                            | 5 100                                                                     | 39 900*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,4                    | 90,3                            | 3 400                                                                     | 37 200*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 11,8                    | 76,7                            | 1 600                                                                     | 34 400*                                 | 100,0                          |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

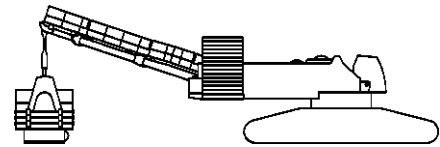
212 190 kg Hanging Counterweight

at 18m Position

360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



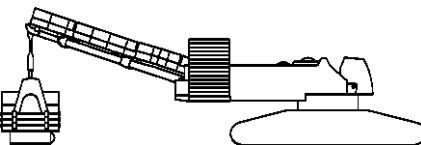
## 67,1m (220 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 64,3                    | 137,5                           | 69 800                                                                    | 83 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,8                           |
| 50,0                           | 63,3                    | 136,9                           | 67 100                                                                    | 83 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 61,6                    | 135,8                           | 63 100                                                                    | 81 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 59,8                    | 134,6                           | 59 400                                                                    | 80 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 58,0                    | 133,3                           | 56 000                                                                    | 78 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 56,2                    | 132,0                           | 52 800                                                                    | 76 200*                                 | 61,3                    | 134,2                           | 43 200                                                                    | 79 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 54,4                    | 130,5                           | 49 800                                                                    | 74 000*                                 | 59,6                    | 133,0                           | 40 600                                                                    | 79 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 52,5                    | 129,0                           | 47 100                                                                    | 71 800*                                 | 57,8                    | 131,8                           | 38 100                                                                    | 79 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 50,5                    | 127,3                           | 44 500                                                                    | 69 600*                                 | 56,0                    | 130,4                           | 35 800                                                                    | 77 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 48,5                    | 125,6                           | 42 000                                                                    | 67 300*                                 | 54,1                    | 128,9                           | 33 700                                                                    | 74 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 46,4                    | 123,7                           | 39 700                                                                    | 64 600*                                 | 52,2                    | 127,4                           | 31 700                                                                    | 71 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 44,3                    | 121,6                           | 37 600                                                                    | 62 000*                                 | 50,2                    | 125,7                           | 29 800                                                                    | 68 800*                                 | 55,6                    | 128,2                           | 22 200                                                                    | 63 400*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 42,0                    | 119,4                           | 35 500                                                                    | 59 400*                                 | 48,2                    | 123,9                           | 28 000                                                                    | 66 200*                                 | 53,7                    | 126,7                           | 20 600                                                                    | 61 000*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 39,7                    | 117,0                           | 33 600                                                                    | 56 900*                                 | 46,1                    | 122,0                           | 26 300                                                                    | 63 700*                                 | 51,8                    | 125,2                           | 19 100                                                                    | 58 700*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 37,2                    | 114,4                           | 31 700                                                                    | 54 500*                                 | 44,0                    | 119,9                           | 24 600                                                                    | 61 400*                                 | 49,8                    | 123,5                           | 17 700                                                                    | 56 500*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 34,6                    | 111,5                           | 30 000                                                                    | 52 200*                                 | 41,7                    | 117,7                           | 23 100                                                                    | 59 200*                                 | 47,8                    | 121,6                           | 16 400                                                                    | 54 400*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 31,7                    | 108,3                           | 28 300                                                                    | 49 900*                                 | 39,3                    | 115,2                           | 21 600                                                                    | 57 000*                                 | 45,7                    | 119,7                           | 15 100                                                                    | 52 400*                                 | 51,2                    | 122,3                           | 8 700                                                                     | 47 900*                                 | 80,0                           |
| 84,0                           | 25,2                    | 100,6                           | 25 100                                                                    | 45 700*                                 | 34,2                    | 109,7                           | 18 900                                                                    | 52 400*                                 | 41,2                    | 115,3                           | 12 700                                                                    | 48 700*                                 | 47,1                    | 118,7                           | 6 700                                                                     | 44 400*                                 | 84,0                           |
| 88,0                           | 16,2                    | 89,3                            | 22 200                                                                    | 39 400*                                 | 28,2                    | 102,7                           | 16 300                                                                    | 48 000*                                 | 36,3                    | 110,1                           | 10 500                                                                    | 45 300*                                 | 42,8                    | 114,5                           | 4 800                                                                     | 41 300*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 20,5                    | 93,4                            | 14 000                                                                    | 43 900*                                 | 30,6                    | 103,8                           | 8 500                                                                     | 42 200*                                 | 38,0                    | 109,7                           | 3 100                                                                     | 38 400*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         | 6,5                     | 75,3                            | 11 400                                                                    | 34 500*                                 | 23,8                    | 95,6                            | 6 600                                                                     | 39 300*                                 | 32,7                    | 103,8                           | 1 500                                                                     | 35 400*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,9                    | 83,1                            | 4 700                                                                     | 36 600*                                 | 26,4                    | 96,4                            |                                                                           | 32 600*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,0                    | 86,0                            |                                                                           | 29 900*                                 | 104,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 67,1m (220 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 53,3                           | 62,8                    | 142,0                           | 59 200                                                                    | 72 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 53,3                           |
| 54,0                           | 62,3                    | 141,6                           | 58 000                                                                    | 72 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 60,7                    | 140,5                           | 54 600                                                                    | 71 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 59,1                    | 139,3                           | 51 400                                                                    | 70 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 57,4                    | 138,0                           | 48 400                                                                    | 68 100*                                 | 62,0                    | 140,1                           | 39 000                                                                    | 69 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 55,7                    | 136,6                           | 45 600                                                                    | 65 400*                                 | 60,4                    | 138,9                           | 36 600                                                                    | 69 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 54,0                    | 135,2                           | 43 100                                                                    | 62 800*                                 | 58,8                    | 137,7                           | 34 300                                                                    | 69 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 52,2                    | 133,6                           | 40 600                                                                    | 60 300*                                 | 57,2                    | 136,4                           | 32 200                                                                    | 67 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 50,4                    | 131,9                           | 38 400                                                                    | 57 700*                                 | 55,5                    | 135,0                           | 30 200                                                                    | 65 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 48,6                    | 130,2                           | 36 200                                                                    | 55 200*                                 | 53,7                    | 133,6                           | 28 300                                                                    | 62 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 46,6                    | 128,3                           | 34 200                                                                    | 52 800*                                 | 52,0                    | 132,0                           | 26 500                                                                    | 60 200*                                 | 56,8                    | 134,3                           | 19 000                                                                    | 59 800*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 44,7                    | 126,2                           | 32 200                                                                    | 50 400*                                 | 50,1                    | 130,3                           | 24 800                                                                    | 57 800*                                 | 55,1                    | 132,9                           | 17 500                                                                    | 57 500*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 42,6                    | 124,1                           | 30 400                                                                    | 48 200*                                 | 48,3                    | 128,5                           | 23 200                                                                    | 55 400*                                 | 53,3                    | 131,4                           | 16 100                                                                    | 55 200*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 40,5                    | 121,7                           | 28 700                                                                    | 45 900*                                 | 46,3                    | 126,6                           | 21 700                                                                    | 53 000*                                 | 51,6                    | 129,8                           | 14 800                                                                    | 53 200*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 38,2                    | 119,2                           | 27 100                                                                    | 43 700*                                 | 44,4                    | 124,6                           | 20 200                                                                    | 50 600*                                 | 49,7                    | 128,1                           | 13 500                                                                    | 51 200*                                 |                         |                                 |                                                                           |                                         | 80,0                           |
| 84,0                           | 33,3                    | 113,4                           | 23 900                                                                    | 39 600*                                 | 40,1                    | 120,0                           | 17 500                                                                    | 46 100*                                 | 45,9                    | 124,3                           | 11 200                                                                    | 47 500*                                 | 51,0                    | 126,9                           | 5 000                                                                     | 43 200*                                 | 84,0                           |
| 88,0                           | 27,7                    | 106,4                           | 21 100                                                                    | 35 800*                                 | 35,5                    | 114,7                           | 15 100                                                                    | 41 800*                                 | 41,8                    | 120,0                           | 9 000                                                                     | 44 200*                                 | 47,3                    | 123,3                           | 3 200                                                                     | 40 000*                                 | 88,0                           |
| 92,0                           | 20,5                    | 97,0                            | 18 500                                                                    | 32 300*                                 | 30,2                    | 108,2                           | 12 800                                                                    | 37 800*                                 | 37,4                    | 115,0                           | 7 100                                                                     | 41 100*                                 | 43,3                    | 119,2                           | 1 500                                                                     | 36 800*                                 | 92,0                           |
| 96,0                           | 8,7                     | 80,4                            | 15 800                                                                    | 27 600*                                 | 23,8                    | 100,0                           | 10 600                                                                    | 34 200*                                 | 32,3                    | 109,0                           | 5 200                                                                     | 38 300*                                 | 38,9                    | 114,4                           |                                                                           | 33 800*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         | 15,0                    | 88,0                            | 8 500                                                                     | 30 800*                                 | 26,5                    | 101,6                           | 3 500                                                                     | 35 600*                                 | 34,1                    | 108,8                           |                                                                           | 31 100*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,0                    | 91,6                            | 1 800                                                                     | 32 400*                                 | 28,6                    | 102,0                           |                                                                           | 28 500*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,8                    | 93,1                            |                                                                           | 26 100*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 11,5                    | 78,9                            |                                                                           | 23 700*                                 | 112,0                          |

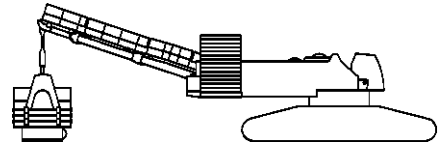


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



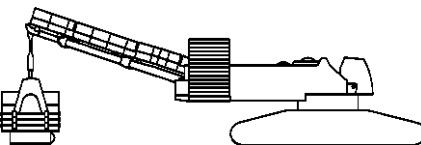
## 67,1m (220 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 56,4                           | 62,6                    | 147,3                           | 52 100                                                                    | 63 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,4                           |
| 58,0                           | 61,4                    | 146,4                           | 49 500                                                                    | 62 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 59,9                    | 145,2                           | 46 600                                                                    | 60 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 58,4                    | 144,0                           | 43 800                                                                    | 57 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 56,8                    | 142,6                           | 41 200                                                                    | 55 300*                                 | 61,2                    | 144,8                           | 32 300                                                                    | 59 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 55,3                    | 141,3                           | 38 900                                                                    | 52 900*                                 | 59,7                    | 143,6                           | 30 200                                                                    | 59 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 53,6                    | 139,8                           | 36 600                                                                    | 50 600*                                 | 58,2                    | 142,4                           | 28 200                                                                    | 57 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 52,0                    | 138,2                           | 34 400                                                                    | 48 200*                                 | 56,6                    | 141,1                           | 26 300                                                                    | 55 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 50,3                    | 136,5                           | 32 400                                                                    | 45 900*                                 | 55,0                    | 139,7                           | 24 500                                                                    | 52 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 48,6                    | 134,8                           | 30 500                                                                    | 43 600*                                 | 53,4                    | 138,2                           | 22 800                                                                    | 50 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 46,8                    | 132,9                           | 28 700                                                                    | 41 400*                                 | 51,8                    | 136,6                           | 21 200                                                                    | 48 100*                                 | 56,3                    | 138,9                           | 14 000                                                                    | 53 600*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 45,0                    | 130,9                           | 27 000                                                                    | 39 200*                                 | 50,1                    | 134,9                           | 19 800                                                                    | 45 900*                                 | 54,7                    | 137,5                           | 12 700                                                                    | 51 500*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 43,1                    | 128,7                           | 25 300                                                                    | 37 100*                                 | 48,3                    | 133,1                           | 18 300                                                                    | 43 600*                                 | 53,0                    | 136,0                           | 11 400                                                                    | 49 500*                                 |                         |                                 |                                                                           |                                         | 80,0                           |
| 84,0                           | 39,0                    | 124,0                           | 22 300                                                                    | 33 100*                                 | 44,7                    | 129,2                           | 15 700                                                                    | 39 200*                                 | 49,7                    | 132,7                           | 9 100                                                                     | 45 300*                                 |                         |                                 |                                                                           |                                         | 84,0                           |
| 88,0                           | 34,6                    | 118,5                           | 19 500                                                                    | 29 400*                                 | 40,8                    | 124,7                           | 13 200                                                                    | 35 100*                                 | 46,1                    | 128,9                           | 7 000                                                                     | 40 900*                                 | 50,9                    | 131,5                           | 1 000                                                                     | 37 700*                                 | 88,0                           |
| 92,0                           | 29,6                    | 111,8                           | 17 000                                                                    | 25 900*                                 | 36,6                    | 119,6                           | 11 000                                                                    | 31 300*                                 | 42,4                    | 124,7                           | 5 100                                                                     | 36 900*                                 | 47,4                    | 127,9                           |                                                                           | 34 500*                                 | 92,0                           |
| 96,0                           | 23,6                    | 103,5                           | 14 600                                                                    | 22 600*                                 | 31,8                    | 113,5                           | 8 900                                                                     | 27 600*                                 | 38,3                    | 119,8                           | 3 300                                                                     | 32 900*                                 | 43,7                    | 123,9                           |                                                                           | 31 700*                                 | 96,0                           |
| 100,0                          | 15,5                    | 91,6                            | 12 200                                                                    | 19 700*                                 | 26,3                    | 106,0                           | 7 000                                                                     | 24 300*                                 | 33,7                    | 114,1                           | 1 700                                                                     | 29 200*                                 | 39,7                    | 119,2                           |                                                                           | 28 900*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 19,4                    | 96,0                            | 5 100                                                                     | 21 200*                                 | 28,6                    | 107,2                           |                                                                           | 25 800*                                 | 35,4                    | 113,8                           |                                                                           | 26 400*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         | 7,2                     | 77,8                            | 3 100                                                                     | 18 500*                                 | 22,3                    | 98,5                            |                                                                           | 22 600*                                 | 30,5                    | 107,4                           |                                                                           | 24 100*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,4                    | 85,3                            |                                                                           | 19 700*                                 | 24,7                    | 99,4                            |                                                                           | 21 900*                                 | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,1                    | 88,4                            |                                                                           | 19 800*                                 | 116,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 67,1m (220 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |       |                                |
| 61,0                           | 61,4                    | 151,7                           | 43 800                                                                    | 52 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 61,0  |                                |
| 62,0                           | 60,7                    | 151,1                           | 42 400                                                                    | 51 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 62,0  |                                |
| 64,0                           | 59,2                    | 149,9                           | 39 800                                                                    | 48 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 64,0  |                                |
| 66,0                           | 57,8                    | 148,6                           | 37 400                                                                    | 46 600*                                 | 61,8                    | 150,7                           | 28 600                                                                    | 51 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 66,0  |                                |
| 68,0                           | 56,4                    | 147,3                           | 35 100                                                                    | 44 400*                                 | 60,5                    | 149,6                           | 26 600                                                                    | 50 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 68,0  |                                |
| 70,0                           | 54,9                    | 145,9                           | 33 000                                                                    | 42 200*                                 | 59,0                    | 148,4                           | 24 700                                                                    | 48 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 70,0  |                                |
| 72,0                           | 53,4                    | 144,4                           | 31 000                                                                    | 39 900*                                 | 57,6                    | 147,1                           | 22 900                                                                    | 46 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 72,0  |                                |
| 74,0                           | 51,8                    | 142,8                           | 29 100                                                                    | 37 800*                                 | 56,1                    | 145,7                           | 21 300                                                                    | 44 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 74,0  |                                |
| 76,0                           | 50,2                    | 141,1                           | 27 300                                                                    | 35 600*                                 | 54,6                    | 144,3                           | 19 700                                                                    | 41 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 76,0  |                                |
| 78,0                           | 48,6                    | 139,4                           | 25 600                                                                    | 33 600*                                 | 53,1                    | 142,8                           | 18 200                                                                    | 39 800*                                 | 57,3                    | 144,9                           | 11 000                                                                    | 44 900*                                 |                         |                                 |                                         | 78,0  |                                |
| 80,0                           | 46,9                    | 137,5                           | 23 900                                                                    | 31 500*                                 | 51,6                    | 141,2                           | 16 800                                                                    | 37 600*                                 | 55,8                    | 143,6                           | 9 800                                                                     | 42 900*                                 |                         |                                 |                                         | 80,0  |                                |
| 84,0                           | 43,5                    | 133,4                           | 21 000                                                                    | 27 600*                                 | 48,4                    | 137,7                           | 14 200                                                                    | 33 500*                                 | 52,8                    | 140,6                           | 7 500                                                                     | 39 000*                                 |                         |                                 |                                         | 84,0  |                                |
| 88,0                           | 39,8                    | 128,8                           | 18 200                                                                    | 24 000*                                 | 45,0                    | 133,8                           | 11 700                                                                    | 29 500*                                 | 49,6                    | 137,3                           | 5 500                                                                     | 35 000*                                 |                         |                                 |                                         | 88,0  |                                |
| 92,0                           | 35,7                    | 123,4                           | 15 700                                                                    | 20 500*                                 | 41,4                    | 129,4                           | 9 500                                                                     | 25 700*                                 | 46,3                    | 133,5                           | 3 500                                                                     | 31 000*                                 | 50,7                    | 136,1                           | 32 900*                                 | 92,0  |                                |
| 96,0                           | 31,2                    | 117,2                           | 13 300                                                                    | 17 400*                                 | 37,5                    | 124,4                           | 7 500                                                                     | 22 200*                                 | 42,8                    | 129,4                           | 1 800                                                                     | 27 300*                                 | 47,5                    | 132,5                           | 30 000*                                 | 96,0  |                                |
| 100,0                          | 26,0                    | 109,6                           | 11 100                                                                    | 14 400*                                 | 33,2                    | 118,6                           | 5 600                                                                     | 18 900*                                 | 39,0                    | 124,6                           |                                                                           | 23 700*                                 | 44,0                    | 128,5                           | 27 300*                                 | 100,0 |                                |
| 104,0                          | 19,5                    | 99,6                            | 9 100                                                                     | 11 700*                                 | 28,3                    | 111,6                           | 3 800                                                                     | 15 900*                                 | 34,9                    | 119,1                           |                                                                           | 20 300*                                 | 40,4                    | 124,0                           | 24 800*                                 | 104,0 |                                |
| 108,0                          | 8,9                     | 82,6                            | 7 000                                                                     | 9 400*                                  | 22,5                    | 102,8                           | 2 200                                                                     | 13 000*                                 | 30,3                    | 112,6                           |                                                                           | 17 200*                                 | 36,4                    | 118,7                           | 21 500*                                 | 108,0 |                                |
| 112,0                          |                         |                                 |                                                                           |                                         | 14,4                    | 90,2                            | 500                                                                       | 10 500*                                 | 24,9                    | 104,7                           |                                                                           | 14 300*                                 | 32,0                    | 112,7                           | 18 300*                                 | 112,0 |                                |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,0                    | 94,0                            |                                                                           | 11 600*                                 | 26,9                    | 105,3                           | 15 300*                                 | 116,0 |                                |
| 120,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,7                    | 95,8                            | 12 600*                                 | 120,0 |                                |
| 124,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 11,3                    | 81,0                            | 10 200*                                 | 124,0 |                                |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

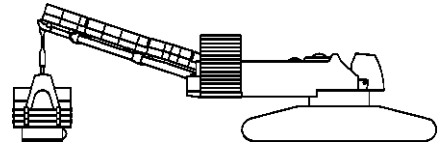
212 190 kg Hanging Counterweight

at 18m Position

360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 73,2m (240 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,3                    | 100,2                           | 166 800                                                                   | 224 600*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,4                           |
| 28,0                           | 66,0                    | 99,9                            | 162 700                                                                   | 222 500*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                           |
| 30,0                           | 61,2                    | 98,8                            | 149 100                                                                   | 211 600*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 56,1                    | 97,4                            | 137 500                                                                   | 196 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 50,7                    | 95,7                            | 127 200                                                                   | 184 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 44,7                    | 93,7                            | 118 100                                                                   | 173 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 38,0                    | 91,2                            | 109 900                                                                   | 163 500*                                | 56,7                    | 96,1                            | 96 800                                                                    | 154 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 29,9                    | 87,9                            | 102 500                                                                   | 154 400*                                | 51,3                    | 94,5                            | 90 400                                                                    | 146 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 18,2                    | 82,6                            | 95 500                                                                    | 137 500*                                | 45,4                    | 92,5                            | 84 500                                                                    | 138 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         | 38,8                    | 90,0                            | 79 100                                                                    | 131 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         | 30,9                    | 86,8                            | 74 200                                                                    | 125 000*                                | 51,5                    | 92,5                            | 63 900                                                                    | 118 100*                                |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 19,9                    | 81,9                            | 69 400                                                                    | 118 800*                                | 45,6                    | 90,5                            | 60 000                                                                    | 112 400*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 39,1                    | 88,1                            | 56 400                                                                    | 107 200*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 31,2                    | 84,9                            | 52 900                                                                    | 102 300*                                | 51,1                    | 89,8                            | 44 200                                                                    | 96 400*                                 | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,4                    | 80,1                            | 49 500                                                                    | 97 700*                                 | 45,2                    | 87,8                            | 41 500                                                                    | 92 200*                                 | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,6                    | 85,4                            | 39 000                                                                    | 88 300*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,6                    | 82,1                            | 36 500                                                                    | 84 500*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,4                    | 77,1                            | 34 000                                                                    | 80 700*                                 | 60,0                           |

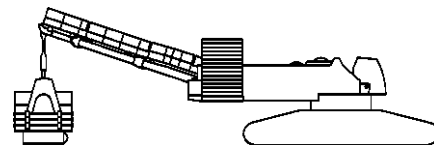
Capacities indicated by (b) require  
9 530 kg minimum weight suspended  
beneath luffing jib point.

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 73,2m (240 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 30,5                           | 66,0                    | 105,5                           | 145 500                                                                   | 193 300*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,5                           |
| 32,0                           | 63,0                    | 104,7                           | 136 800                                                                   | 188 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 59,0                    | 103,4                           | 126 700                                                                   | 181 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 54,8                    | 102,0                           | 117 700                                                                   | 172 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 50,4                    | 100,3                           | 109 700                                                                   | 163 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 45,6                    | 98,4                            | 102 500                                                                   | 154 100*                                | 59,5                    | 102,1                           | 89 400                                                                    | 145 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 40,3                    | 96,0                            | 96 000                                                                    | 145 900*                                | 55,3                    | 100,7                           | 83 700                                                                    | 137 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 34,3                    | 93,2                            | 90 000                                                                    | 138 500*                                | 50,9                    | 99,1                            | 78 500                                                                    | 130 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 27,1                    | 89,4                            | 84 600                                                                    | 131 700*                                | 46,1                    | 97,1                            | 73 700                                                                    | 124 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 16,8                    | 83,8                            | 79 200                                                                    | 119 000*                                | 40,9                    | 94,8                            | 69 400                                                                    | 118 500*                                | 55,4                    | 98,7                            | 59 000                                                                    | 111 500*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 35,0                    | 92,0                            | 65 300                                                                    | 113 100*                                | 51,0                    | 97,1                            | 55 500                                                                    | 106 400*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         | 28,0                    | 88,4                            | 61 500                                                                    | 107 900*                                | 46,3                    | 95,2                            | 52 200                                                                    | 101 700*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 18,3                    | 83,1                            | 57 700                                                                    | 103 100*                                | 41,1                    | 92,9                            | 49 200                                                                    | 97 200*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,3                    | 90,1                            | 46 300                                                                    | 93 100*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,3                    | 86,5                            | 43 600                                                                    | 89 200*                                 | 46,0                    | 92,5                            | 35 600                                                                    | 83 700*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,7                    | 81,3                            | 40 900                                                                    | 85 400*                                 | 40,8                    | 90,2                            | 33 500                                                                    | 80 200*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,8                    | 87,3                            | 31 400                                                                    | 77 000*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,7                    | 83,7                            | 29 400                                                                    | 73 900*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,9                    | 78,3                            | 27 400                                                                    | 70 800*                                 | 66,0                           |

Capacities indicated by (b) require  
9 530 kg minimum weight suspended  
beneath luffing jib point.

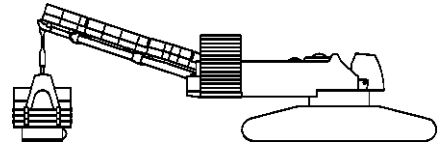


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



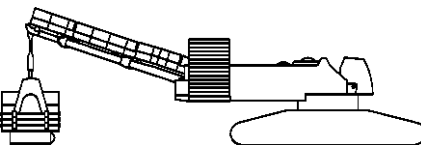
## 73,2m (240 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,5                    | 111,5                           | 135 100                                                                   | 170 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 64,3                    | 110,5                           | 125 000                                                                   | 165 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 61,0                    | 109,4                           | 116 100                                                                   | 159 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 57,5                    | 108,1                           | 108 200                                                                   | 153 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 53,9                    | 106,6                           | 101 000                                                                   | 146 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 50,2                    | 104,9                           | 94 700                                                                    | 139 900*                                | 61,3                    | 108,0                           | 81 700                                                                    | 136 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 46,1                    | 103,0                           | 88 900                                                                    | 133 200*                                | 57,9                    | 106,8                           | 76 600                                                                    | 129 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 41,8                    | 100,8                           | 83 600                                                                    | 126 700*                                | 54,3                    | 105,3                           | 71 900                                                                    | 122 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 37,0                    | 98,2                            | 78 700                                                                    | 120 600*                                | 50,6                    | 103,7                           | 67 600                                                                    | 117 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 31,6                    | 95,0                            | 74 100                                                                    | 115 200*                                | 46,6                    | 101,7                           | 63 700                                                                    | 111 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 25,1                    | 90,9                            | 69 900                                                                    | 110 700*                                | 42,3                    | 99,6                            | 60 100                                                                    | 106 700*                                | 54,5                    | 103,3                           | 50 100                                                                    | 100 000*                                |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 15,9                    | 84,9                            | 65 700                                                                    | 102 700*                                | 37,6                    | 97,0                            | 56 700                                                                    | 102 100*                                | 50,7                    | 101,7                           | 47 200                                                                    | 95 600*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 32,2                    | 93,9                            | 53 500                                                                    | 97 700*                                 | 46,7                    | 99,8                            | 44 500                                                                    | 91 600*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 25,9                    | 89,9                            | 50 400                                                                    | 93 600*                                 | 42,5                    | 97,6                            | 41 900                                                                    | 87 800*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 17,2                    | 84,2                            | 47 400                                                                    | 89 700*                                 | 37,8                    | 95,1                            | 39 500                                                                    | 84 200*                                 | 50,5                    | 99,0                            | 31 300                                                                    | 78 500*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,4                    | 92,0                            | 37 200                                                                    | 80 900*                                 | 46,5                    | 97,1                            | 29 400                                                                    | 75 300*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,1                    | 88,1                            | 35 000                                                                    | 77 600*                                 | 42,2                    | 94,9                            | 27 600                                                                    | 72 400*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,5                    | 82,5                            | 32 800                                                                    | 74 500*                                 | 37,4                    | 92,3                            | 25 800                                                                    | 69 500*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,1                    | 89,2                            | 24 200                                                                    | 66 800*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,6                    | 85,2                            | 22 500                                                                    | 64 200*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,8                    | 79,4                            | 20 800                                                                    | 61 700*                                 | 72,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 73,2m (240 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

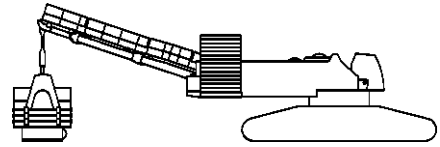
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,5                    | 116,8                           | 119 100                                                                   | 147 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,1                           |
| 36,0                           | 65,2                    | 116,3                           | 115 100                                                                   | 145 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 62,4                    | 115,3                           | 107 100                                                                   | 141 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 59,4                    | 114,1                           | 100 000                                                                   | 136 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 56,4                    | 112,7                           | 93 700                                                                    | 131 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 53,3                    | 111,2                           | 87 900                                                                    | 125 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 50,0                    | 109,5                           | 82 700                                                                    | 120 300*                                | 59,8                    | 112,7                           | 70 600                                                                    | 121 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 46,5                    | 107,6                           | 77 900                                                                    | 114 800*                                | 56,8                    | 111,4                           | 66 400                                                                    | 115 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 42,9                    | 105,5                           | 73 400                                                                    | 109 500*                                | 53,6                    | 109,9                           | 62 500                                                                    | 110 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 38,9                    | 103,0                           | 69 300                                                                    | 104 400*                                | 50,4                    | 108,2                           | 59 000                                                                    | 105 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 34,5                    | 100,1                           | 65 500                                                                    | 99 800*                                 | 46,9                    | 106,4                           | 55 600                                                                    | 101 100*                                | 56,9                    | 109,4                           | 45 800                                                                    | 94 500*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 29,5                    | 96,7                            | 62 000                                                                    | 95 700*                                 | 43,3                    | 104,2                           | 52 600                                                                    | 96 900*                                 | 53,7                    | 107,9                           | 43 100                                                                    | 90 400*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 23,5                    | 92,3                            | 58 600                                                                    | 92 300*                                 | 39,3                    | 101,8                           | 49 600                                                                    | 92 900*                                 | 50,5                    | 106,3                           | 40 600                                                                    | 86 700*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 15,1                    | 86,0                            | 55 300                                                                    | 87 300*                                 | 35,0                    | 99,0                            | 46 900                                                                    | 89 100*                                 | 47,1                    | 104,4                           | 38 300                                                                    | 83 200*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 30,1                    | 95,6                            | 44 400                                                                    | 85 600*                                 | 43,4                    | 102,3                           | 36 100                                                                    | 79 900*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 24,2                    | 91,4                            | 41 900                                                                    | 82 200*                                 | 39,5                    | 99,9                            | 34 000                                                                    | 76 800*                                 | 50,3                    | 103,6                           | 26 100                                                                    | 71 200*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 16,3                    | 85,4                            | 39 400                                                                    | 79 000*                                 | 35,2                    | 97,1                            | 32 100                                                                    | 73 700*                                 | 46,8                    | 101,7                           | 24 500                                                                    | 68 400*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,3                    | 93,7                            | 30 200                                                                    | 70 900*                                 | 43,2                    | 99,6                            | 22 900                                                                    | 65 800*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,5                    | 89,5                            | 28 300                                                                    | 68 200*                                 | 39,2                    | 97,2                            | 21 400                                                                    | 63 300*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,6                    | 83,6                            | 26 500                                                                    | 65 600*                                 | 34,9                    | 94,3                            | 20 000                                                                    | 60 900*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,9                    | 90,9                            | 18 600                                                                    | 58 700*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                    | 86,7                            | 17 200                                                                    | 56 500*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,0                    | 80,6                            | 15 800                                                                    | 54 300*                                 | 78,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 73,2m (240 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

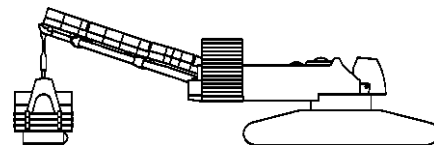
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 67,6                    | 122,8                           | 110 800                                                                   | 130 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,6                           |
| 38,0                           | 65,9                    | 122,2                           | 105 300                                                                   | 128 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 63,4                    | 121,1                           | 98 200                                                                    | 125 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 60,9                    | 120,0                           | 91 900                                                                    | 121 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 58,2                    | 118,7                           | 86 200                                                                    | 117 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 55,6                    | 117,4                           | 80 900                                                                    | 113 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 52,8                    | 115,8                           | 76 200                                                                    | 108 500*                                | 61,1                    | 118,6                           | 64 300                                                                    | 114 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 49,9                    | 114,1                           | 71 800                                                                    | 104 100*                                | 58,5                    | 117,4                           | 60 500                                                                    | 108 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 46,8                    | 112,2                           | 67 800                                                                    | 99 600*                                 | 55,9                    | 116,0                           | 56 900                                                                    | 104 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 43,6                    | 110,2                           | 64 100                                                                    | 95 300*                                 | 53,1                    | 114,5                           | 53 700                                                                    | 99 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 40,2                    | 107,8                           | 60 600                                                                    | 91 100*                                 | 50,2                    | 112,8                           | 50 600                                                                    | 95 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 36,5                    | 105,1                           | 57 400                                                                    | 87 100*                                 | 47,2                    | 111,0                           | 47 800                                                                    | 91 400*                                 | 56,0                    | 114,1                           | 38 400                                                                    | 84 900*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 32,4                    | 102,0                           | 54 300                                                                    | 83 600*                                 | 44,0                    | 108,9                           | 45 200                                                                    | 87 600*                                 | 53,2                    | 112,6                           | 36 100                                                                    | 81 500*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 27,8                    | 98,3                            | 51 400                                                                    | 80 400*                                 | 40,6                    | 106,6                           | 42 700                                                                    | 84 200*                                 | 50,3                    | 110,9                           | 34 000                                                                    | 78 200*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 22,2                    | 93,7                            | 48 700                                                                    | 77 800*                                 | 36,9                    | 103,9                           | 40 400                                                                    | 80 900*                                 | 47,3                    | 109,0                           | 32 000                                                                    | 75 100*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 14,6                    | 87,1                            | 45 900                                                                    | 74 100*                                 | 32,9                    | 100,9                           | 38 100                                                                    | 77 800*                                 | 44,1                    | 107,0                           | 30 100                                                                    | 72 200*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 28,4                    | 97,3                            | 36 000                                                                    | 74 900*                                 | 40,7                    | 104,6                           | 28 300                                                                    | 69 400*                                 | 50,1                    | 108,2                           | 20 700                                                                    | 64 100*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 22,9                    | 92,8                            | 34 000                                                                    | 72 000*                                 | 37,1                    | 102,0                           | 26 600                                                                    | 66 800*                                 | 47,1                    | 106,3                           | 19 200                                                                    | 61 600*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         | 15,6                    | 86,5                            | 31 900                                                                    | 69 200*                                 | 33,1                    | 99,0                            | 25 000                                                                    | 64 300*                                 | 43,9                    | 104,3                           | 17 800                                                                    | 59 300*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,5                    | 95,4                            | 23 400                                                                    | 62 000*                                 | 40,5                    | 101,9                           | 16 600                                                                    | 57 100*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,1                    | 90,9                            | 21 900                                                                    | 59 600*                                 | 36,8                    | 99,3                            | 15 300                                                                    | 55 000*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,9                    | 84,8                            | 20 300                                                                    | 57 400*                                 | 32,8                    | 96,2                            | 14 100                                                                    | 53 000*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,2                    | 92,6                            | 12 900                                                                    | 51 100*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,3                    | 81,7                            | 10 500                                                                    | 47 400*                                 | 84,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 73,2m (240 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 65,2                    | 127,4                           | 93 200                                                                    | 112 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 41,1                           |
| 42,0                           | 64,2                    | 127,0                           | 90 600                                                                    | 111 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 62,0                    | 125,9                           | 84 900                                                                    | 108 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 59,7                    | 124,7                           | 79 700                                                                    | 105 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 57,3                    | 123,4                           | 75 000                                                                    | 101 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 54,9                    | 122,0                           | 70 600                                                                    | 98 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 52,4                    | 120,4                           | 66 600                                                                    | 94 500*                                 | 59,9                    | 123,3                           | 55 500                                                                    | 102 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 49,8                    | 118,7                           | 62 900                                                                    | 90 800*                                 | 57,6                    | 122,1                           | 52 300                                                                    | 98 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 47,1                    | 116,9                           | 59 500                                                                    | 87 200*                                 | 55,2                    | 120,7                           | 49 300                                                                    | 94 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 44,2                    | 114,8                           | 56 300                                                                    | 83 600*                                 | 52,7                    | 119,1                           | 46 500                                                                    | 90 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 41,2                    | 112,5                           | 53 300                                                                    | 80 100*                                 | 50,1                    | 117,4                           | 43 900                                                                    | 86 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 38,0                    | 110,0                           | 50 500                                                                    | 76 800*                                 | 47,4                    | 115,6                           | 41 400                                                                    | 83 100*                                 | 55,2                    | 118,7                           | 32 500                                                                    | 77 000*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 34,6                    | 107,1                           | 47 900                                                                    | 73 700*                                 | 44,6                    | 113,6                           | 39 100                                                                    | 79 900*                                 | 52,7                    | 117,2                           | 30 500                                                                    | 73 900*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 30,8                    | 103,8                           | 45 400                                                                    | 70 900*                                 | 41,6                    | 111,3                           | 37 000                                                                    | 76 800*                                 | 50,2                    | 115,5                           | 28 600                                                                    | 71 000*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 26,4                    | 99,9                            | 43 000                                                                    | 68 500*                                 | 38,4                    | 108,8                           | 34 900                                                                    | 73 900*                                 | 47,5                    | 113,6                           | 26 900                                                                    | 68 300*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 21,2                    | 95,1                            | 40 700                                                                    | 66 400*                                 | 35,0                    | 106,0                           | 33 000                                                                    | 71 200*                                 | 44,7                    | 111,6                           | 25 200                                                                    | 65 700*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 14,1                    | 88,2                            | 38 400                                                                    | 62 600*                                 | 31,2                    | 102,7                           | 31 100                                                                    | 68 600*                                 | 41,7                    | 109,4                           | 23 700                                                                    | 63 300*                                 | 50,0                    | 112,8                           | 16 300                                                                    | 58 100*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 26,9                    | 98,9                            | 29 400                                                                    | 66 000*                                 | 38,5                    | 106,9                           | 22 100                                                                    | 60 900*                                 | 47,3                    | 111,0                           | 15 000                                                                    | 55 900*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 21,9                    | 94,2                            | 27 600                                                                    | 63 600*                                 | 35,1                    | 104,0                           | 20 700                                                                    | 58 700*                                 | 44,5                    | 108,9                           | 13 800                                                                    | 53 900*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         | 15,1                    | 87,6                            | 25 900                                                                    | 61 300*                                 | 31,3                    | 100,8                           | 19 400                                                                    | 56 600*                                 | 41,5                    | 106,7                           | 12 700                                                                    | 51 900*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,1                    | 97,0                            | 18 000                                                                    | 54 600*                                 | 38,3                    | 104,1                           | 11 600                                                                    | 50 100*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,4                    | 85,9                            | 15 400                                                                    | 50 700*                                 | 31,1                    | 98,0                            | 9 500                                                                     | 46 500*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,7                    | 89,4                            | 7 500                                                                     | 43 300*                                 | 88,0                           |

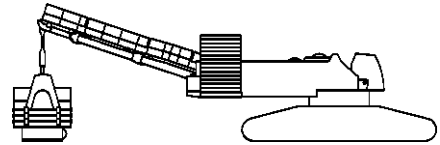


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



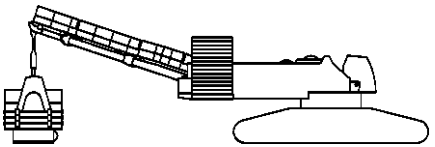
## 73,2m (240 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 44,2                           | 64,7                    | 132,7                           | 82 500                                                                    | 98 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,2                           |
| 46,0                           | 62,8                    | 131,7                           | 77 800                                                                    | 96 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 60,8                    | 130,6                           | 73 100                                                                    | 93 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 58,7                    | 129,4                           | 68 800                                                                    | 91 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 56,5                    | 128,1                           | 64 800                                                                    | 88 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 54,3                    | 126,6                           | 61 100                                                                    | 85 400*                                 | 61,0                    | 129,2                           | 50 200                                                                    | 96 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 52,1                    | 125,0                           | 57 700                                                                    | 82 400*                                 | 58,9                    | 128,0                           | 47 200                                                                    | 92 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 49,7                    | 123,3                           | 54 600                                                                    | 79 400*                                 | 56,8                    | 126,7                           | 44 400                                                                    | 88 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 47,3                    | 121,5                           | 51 600                                                                    | 76 400*                                 | 54,6                    | 125,3                           | 41 800                                                                    | 84 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 44,7                    | 119,4                           | 48 800                                                                    | 73 500*                                 | 52,3                    | 123,7                           | 39 400                                                                    | 81 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 42,0                    | 117,2                           | 46 300                                                                    | 70 600*                                 | 50,0                    | 122,0                           | 37 200                                                                    | 78 300*                                 | 56,8                    | 124,7                           | 28 300                                                                    | 72 200*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 39,2                    | 114,8                           | 43 800                                                                    | 67 900*                                 | 47,5                    | 120,2                           | 35 000                                                                    | 75 300*                                 | 54,7                    | 123,3                           | 26 400                                                                    | 69 300*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 36,2                    | 112,1                           | 41 500                                                                    | 65 200*                                 | 45,0                    | 118,2                           | 33 000                                                                    | 72 400*                                 | 52,4                    | 121,7                           | 24 700                                                                    | 66 600*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 32,9                    | 109,0                           | 39 300                                                                    | 62 800*                                 | 42,3                    | 116,0                           | 31 200                                                                    | 69 700*                                 | 50,1                    | 120,1                           | 23 100                                                                    | 64 000*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 29,3                    | 105,6                           | 37 200                                                                    | 60 600*                                 | 39,5                    | 113,6                           | 29 400                                                                    | 67 100*                                 | 47,6                    | 118,2                           | 21 600                                                                    | 61 600*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 25,3                    | 101,4                           | 35 200                                                                    | 58 700*                                 | 36,5                    | 110,9                           | 27 700                                                                    | 64 700*                                 | 45,1                    | 116,2                           | 20 100                                                                    | 59 300*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 20,4                    | 96,4                            | 33 300                                                                    | 57 100*                                 | 33,3                    | 107,9                           | 26 000                                                                    | 62 300*                                 | 42,4                    | 114,1                           | 18 700                                                                    | 57 200*                                 | 49,9                    | 117,4                           | 11 600                                                                    | 52 100*                                 | 76,0                           |
| 78,0                           | 13,8                    | 89,3                            | 31 400                                                                    | 52 700*                                 | 29,8                    | 104,5                           | 24 500                                                                    | 60 100*                                 | 39,6                    | 111,7                           | 17 400                                                                    | 55 100*                                 | 47,5                    | 115,6                           | 10 500                                                                    | 50 200*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 25,7                    | 100,4                           | 23 000                                                                    | 57 900*                                 | 36,7                    | 109,0                           | 16 100                                                                    | 53 100*                                 | 44,9                    | 113,6                           | 9 400                                                                     | 48 400*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         | 14,7                    | 88,8                            | 20 000                                                                    | 53 700*                                 | 29,9                    | 102,6                           | 13 800                                                                    | 49 400*                                 | 39,5                    | 108,9                           | 7 400                                                                     | 44 900*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,2                    | 93,7                            | 11 500                                                                    | 46 000*                                 | 33,2                    | 103,2                           | 5 600                                                                     | 41 800*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,6                    | 95,7                            | 3 800                                                                     | 38 900*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,4                    | 83,9                            | 2 000                                                                     | 35 900*                                 | 96,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 73,2m (240 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 62,9                    | 137,2                           | 70 000                                                                    | 85 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,8                           |
| 50,0                           | 61,7                    | 136,5                           | 67 400                                                                    | 83 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 59,8                    | 135,3                           | 63 500                                                                    | 81 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 57,9                    | 134,1                           | 59 800                                                                    | 79 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 55,9                    | 132,7                           | 56 400                                                                    | 77 300*                                 | 61,9                    | 135,1                           | 45 600                                                                    | 84 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 53,9                    | 131,2                           | 53 200                                                                    | 74 900*                                 | 60,0                    | 134,0                           | 42 900                                                                    | 84 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 51,8                    | 129,6                           | 50 300                                                                    | 72 500*                                 | 58,1                    | 132,7                           | 40 300                                                                    | 83 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 49,6                    | 127,9                           | 47 600                                                                    | 70 000*                                 | 56,1                    | 131,4                           | 37 900                                                                    | 80 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 47,4                    | 126,1                           | 45 000                                                                    | 67 500*                                 | 54,1                    | 129,9                           | 35 700                                                                    | 77 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 45,1                    | 124,1                           | 42 600                                                                    | 65 100*                                 | 52,0                    | 128,3                           | 33 600                                                                    | 74 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 42,7                    | 121,9                           | 40 300                                                                    | 62 700*                                 | 49,9                    | 126,6                           | 31 600                                                                    | 71 300*                                 | 56,2                    | 129,4                           | 23 100                                                                    | 65 300*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 40,2                    | 119,6                           | 38 200                                                                    | 60 400*                                 | 47,7                    | 124,8                           | 29 800                                                                    | 68 600*                                 | 54,2                    | 127,9                           | 21 500                                                                    | 62 800*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 37,5                    | 117,0                           | 36 100                                                                    | 58 200*                                 | 45,4                    | 122,8                           | 28 000                                                                    | 66 000*                                 | 52,1                    | 126,4                           | 20 000                                                                    | 60 400*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 34,6                    | 114,1                           | 34 200                                                                    | 56 100*                                 | 43,0                    | 120,7                           | 26 300                                                                    | 63 600*                                 | 50,0                    | 124,7                           | 18 600                                                                    | 58 100*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 31,5                    | 110,9                           | 32 300                                                                    | 54 200*                                 | 40,5                    | 118,3                           | 24 700                                                                    | 61 300*                                 | 47,7                    | 122,8                           | 17 200                                                                    | 56 000*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 28,1                    | 107,2                           | 30 600                                                                    | 52 500*                                 | 37,8                    | 115,8                           | 23 200                                                                    | 59 100*                                 | 45,5                    | 120,9                           | 15 900                                                                    | 53 900*                                 | 52,0                    | 123,7                           | 8 800                                                                     | 48 900*                                 | 78,0                           |
| 80,0                           | 24,3                    | 102,9                           | 28 800                                                                    | 50 900*                                 | 35,0                    | 112,9                           | 21 700                                                                    | 57 000*                                 | 43,1                    | 118,7                           | 14 700                                                                    | 52 000*                                 | 49,8                    | 122,0                           | 7 800                                                                     | 47 100*                                 | 80,0                           |
| 84,0                           | 13,5                    | 90,4                            | 25 500                                                                    | 44 400*                                 | 28,5                    | 106,2                           | 19 000                                                                    | 53 000*                                 | 37,9                    | 113,8                           | 12 400                                                                    | 48 300*                                 | 45,3                    | 118,2                           | 5 900                                                                     | 43 700*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         | 20,2                    | 96,8                            | 16 400                                                                    | 49 400*                                 | 32,0                    | 107,8                           | 10 200                                                                    | 45 000*                                 | 40,4                    | 113,7                           | 4 100                                                                     | 40 600*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,9                    | 100,1                           | 8 200                                                                     | 41 900*                                 | 34,9                    | 108,3                           | 2 400                                                                     | 37 600*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,5                    | 88,1                            | 6 300                                                                     | 39 000*                                 | 28,4                    | 101,5                           | 900                                                                       | 34 700*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,1                    | 92,1                            |                                                                           | 31 900*                                 | 100,0                          |

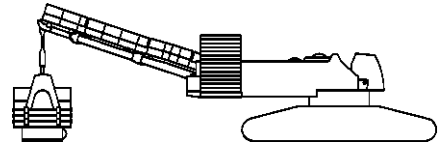


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



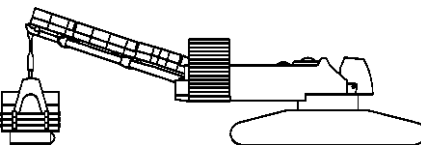
## 73,2m (240 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 62,6                    | 142,5                           | 61 900                                                                    | 74 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 51,8                           |
| 52,0                           | 62,5                    | 142,4                           | 61 600                                                                    | 74 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 60,7                    | 141,2                           | 57 900                                                                    | 73 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 59,0                    | 140,0                           | 54 500                                                                    | 71 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 57,2                    | 138,7                           | 51 400                                                                    | 69 500*                                 | 62,7                    | 141,0                           | 40 800                                                                    | 73 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 55,4                    | 137,3                           | 48 500                                                                    | 67 600*                                 | 60,9                    | 139,9                           | 38 200                                                                    | 73 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 53,5                    | 135,8                           | 45 800                                                                    | 65 700*                                 | 59,2                    | 138,7                           | 35 800                                                                    | 73 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 51,6                    | 134,2                           | 43 200                                                                    | 63 600*                                 | 57,4                    | 137,4                           | 33 600                                                                    | 73 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 49,6                    | 132,5                           | 40 800                                                                    | 61 600*                                 | 55,6                    | 136,0                           | 31 500                                                                    | 72 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 47,5                    | 130,7                           | 38 500                                                                    | 59 600*                                 | 53,7                    | 134,5                           | 29 600                                                                    | 69 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 45,4                    | 128,7                           | 36 400                                                                    | 57 600*                                 | 51,8                    | 132,9                           | 27 800                                                                    | 67 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 43,2                    | 126,6                           | 34 400                                                                    | 55 600*                                 | 49,8                    | 131,2                           | 26 000                                                                    | 64 400*                                 | 55,6                    | 134,0                           | 17 800                                                                    | 58 700*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 40,9                    | 124,3                           | 32 500                                                                    | 53 700*                                 | 47,8                    | 129,4                           | 24 400                                                                    | 62 000*                                 | 53,8                    | 132,5                           | 16 400                                                                    | 56 400*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 38,5                    | 121,8                           | 30 700                                                                    | 51 800*                                 | 45,7                    | 127,5                           | 22 800                                                                    | 59 800*                                 | 51,8                    | 131,0                           | 15 000                                                                    | 54 300*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 36,0                    | 119,1                           | 29 000                                                                    | 50 100*                                 | 43,5                    | 125,3                           | 21 300                                                                    | 57 600*                                 | 49,9                    | 129,3                           | 13 800                                                                    | 52 300*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 33,3                    | 116,0                           | 27 300                                                                    | 48 400*                                 | 41,2                    | 123,1                           | 19 900                                                                    | 55 500*                                 | 47,8                    | 127,4                           | 12 600                                                                    | 50 300*                                 |                         |                                 |                                                                           |                                         | 80,0                           |
| 84,0                           | 27,1                    | 108,8                           | 24 200                                                                    | 45 500*                                 | 36,3                    | 117,9                           | 17 300                                                                    | 51 600*                                 | 43,6                    | 123,4                           | 10 300                                                                    | 46 700*                                 | 49,7                    | 126,6                           | 3 600                                                                     | 41 900*                                 | 84,0                           |
| 88,0                           | 19,0                    | 98,9                            | 21 300                                                                    | 42 000*                                 | 30,7                    | 111,6                           | 14 800                                                                    | 48 100*                                 | 38,9                    | 118,7                           | 8 300                                                                     | 43 500*                                 | 45,6                    | 122,8                           | 1 900                                                                     | 38 500*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 23,8                    | 103,4                           | 12 500                                                                    | 44 800*                                 | 33,7                    | 113,0                           | 6 400                                                                     | 40 500*                                 | 41,1                    | 118,4                           |                                                                           | 35 400*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         | 14,0                    | 91,0                            | 10 300                                                                    | 40 100*                                 | 27,6                    | 105,9                           | 4 600                                                                     | 37 700*                                 | 36,2                    | 113,2                           |                                                                           | 32 600*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,7                    | 96,3                            | 2 900                                                                     | 35 000*                                 | 30,6                    | 106,9                           |                                                                           | 29 900*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,7                    | 98,7                            |                                                                           | 27 400*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,8                    | 86,1                            |                                                                           | 24 900*                                 | 108,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 73,2m (240 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 56,4                           | 61,2                    | 146,9                           | 52 500                                                                    | 64 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,4                           |
| 58,0                           | 59,9                    | 145,9                           | 50 000                                                                    | 63 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 58,3                    | 144,7                           | 47 000                                                                    | 62 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 56,6                    | 143,4                           | 44 300                                                                    | 61 000*                                 | 61,7                    | 145,7                           | 34 300                                                                    | 64 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 54,9                    | 141,9                           | 41 800                                                                    | 59 400*                                 | 60,1                    | 144,6                           | 32 100                                                                    | 64 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 53,2                    | 140,4                           | 39 400                                                                    | 57 800*                                 | 58,5                    | 143,3                           | 30 000                                                                    | 64 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 51,4                    | 138,8                           | 37 200                                                                    | 56 100*                                 | 56,8                    | 142,0                           | 28 100                                                                    | 64 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 49,5                    | 137,1                           | 35 100                                                                    | 54 400*                                 | 55,1                    | 140,6                           | 26 200                                                                    | 63 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 47,7                    | 135,3                           | 33 100                                                                    | 52 800*                                 | 53,4                    | 139,1                           | 24 500                                                                    | 61 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 45,7                    | 133,4                           | 31 200                                                                    | 51 000*                                 | 51,6                    | 137,5                           | 22 800                                                                    | 58 900*                                 | 56,9                    | 140,1                           | 14 700                                                                    | 55 200*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 43,7                    | 131,2                           | 29 400                                                                    | 49 000*                                 | 49,7                    | 135,8                           | 21 300                                                                    | 56 600*                                 | 55,2                    | 138,6                           | 13 400                                                                    | 53 000*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 41,6                    | 129,0                           | 27 700                                                                    | 46 700*                                 | 47,9                    | 134,0                           | 19 800                                                                    | 54 300*                                 | 53,4                    | 137,1                           | 12 200                                                                    | 51 000*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 39,4                    | 126,6                           | 26 100                                                                    | 44 600*                                 | 45,9                    | 132,1                           | 18 400                                                                    | 52 000*                                 | 51,6                    | 135,6                           | 11 000                                                                    | 49 100*                                 |                         |                                 |                                                                           |                                         | 80,0                           |
| 84,0                           | 34,7                    | 121,1                           | 23 000                                                                    | 40 500*                                 | 41,8                    | 127,8                           | 15 800                                                                    | 47 500*                                 | 47,9                    | 132,1                           | 8 800                                                                     | 45 500*                                 |                         |                                 |                                                                           |                                         | 84,0                           |
| 88,0                           | 29,3                    | 114,4                           | 20 200                                                                    | 36 600*                                 | 37,4                    | 122,7                           | 13 500                                                                    | 43 300*                                 | 44,0                    | 128,1                           | 6 800                                                                     | 42 300*                                 | 49,7                    | 131,2                           | 200                                                                       | 36 800*                                 | 88,0                           |
| 92,0                           | 22,6                    | 105,8                           | 17 600                                                                    | 33 000*                                 | 32,4                    | 116,8                           | 11 300                                                                    | 39 200*                                 | 39,7                    | 123,4                           | 4 900                                                                     | 39 300*                                 | 45,9                    | 127,4                           |                                                                           | 33 700*                                 | 92,0                           |
| 96,0                           | 13,0                    | 92,6                            | 15 100                                                                    | 29 900*                                 | 26,5                    | 109,4                           | 9 200                                                                     | 35 500*                                 | 35,0                    | 118,0                           | 3 200                                                                     | 36 400*                                 | 41,8                    | 123,1                           |                                                                           | 30 900*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         | 19,0                    | 99,4                            | 7 200                                                                     | 32 000*                                 | 29,7                    | 111,4                           | 1 600                                                                     | 33 600*                                 | 37,3                    | 118,1                           |                                                                           | 28 300*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,2                    | 103,0                           |                                                                           | 30 900*                                 | 32,3                    | 112,1                           |                                                                           | 25 900*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,9                    | 90,3                            |                                                                           | 28 300*                                 | 26,4                    | 104,7                           |                                                                           | 23 600*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,8                    | 94,6                            |                                                                           | 21 400*                                 | 112,0                          |

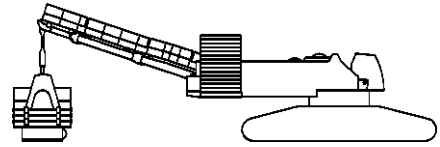


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



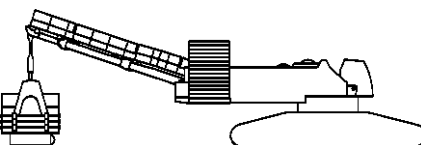
## 73,2m (240 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 Degree<br>Boom Angle |                                 |                                                                           |                                         | 65 Degree<br>Boom Angle |                                 |                                         |                                |       |
|--------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|---------------------------------------------------------------------------|-----------------------------------------|-------------------------|---------------------------------|-----------------------------------------|--------------------------------|-------|
|                                | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms | Jib<br>Oper.<br>Rad.<br>Meters |       |
| 57,9                           | 62,3                    | 153,0                           | 48 200                                                                    | 57 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 57,9  |
| 58,0                           | 62,2                    | 153,0                           | 48 100                                                                    | 57 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 58,0  |
| 60,0                           | 60,7                    | 151,8                           | 45 200                                                                    | 56 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 60,0  |
| 62,0                           | 59,2                    | 150,6                           | 42 500                                                                    | 55 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 62,0  |
| 64,0                           | 57,7                    | 149,4                           | 40 000                                                                    | 54 500*                                 | 62,4                    | 151,6                           | 29 900                                                                    | 55 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 64,0  |
| 66,0                           | 56,1                    | 148,0                           | 37 600                                                                    | 53 200*                                 | 60,9                    | 150,5                           | 27 900                                                                    | 55 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 66,0  |
| 68,0                           | 54,5                    | 146,6                           | 35 400                                                                    | 51 100*                                 | 59,4                    | 149,3                           | 26 000                                                                    | 55 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 68,0  |
| 70,0                           | 52,9                    | 145,1                           | 33 300                                                                    | 48 800*                                 | 57,8                    | 148,0                           | 24 200                                                                    | 55 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 70,0  |
| 72,0                           | 51,2                    | 143,4                           | 31 200                                                                    | 46 600*                                 | 56,3                    | 146,7                           | 22 500                                                                    | 53 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 72,0  |
| 74,0                           | 49,5                    | 141,7                           | 29 400                                                                    | 44 400*                                 | 54,7                    | 145,2                           | 20 900                                                                    | 51 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 74,0  |
| 76,0                           | 47,8                    | 139,9                           | 27 600                                                                    | 42 200*                                 | 53,1                    | 143,7                           | 19 300                                                                    | 49 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |                                | 76,0  |
| 78,0                           | 45,9                    | 138,0                           | 25 900                                                                    | 40 100*                                 | 51,4                    | 142,1                           | 17 900                                                                    | 47 100*                                 | 56,3                    | 144,7                           | 10 000                                                                    | 49 300*                                 |                         |                                 |                                         |                                | 78,0  |
| 80,0                           | 44,1                    | 135,9                           | 24 300                                                                    | 38 000*                                 | 49,7                    | 140,4                           | 16 500                                                                    | 45 000*                                 | 54,7                    | 143,3                           | 8 800                                                                     | 47 400*                                 |                         |                                 |                                         |                                | 80,0  |
| 84,0                           | 40,1                    | 131,3                           | 21 300                                                                    | 34 000*                                 | 46,1                    | 136,7                           | 13 900                                                                    | 40 700*                                 | 51,5                    | 140,2                           | 6 700                                                                     | 43 900*                                 |                         |                                 |                                         |                                | 84,0  |
| 88,0                           | 35,8                    | 126,0                           | 18 600                                                                    | 30 200*                                 | 42,4                    | 132,4                           | 11 600                                                                    | 36 500*                                 | 48,0                    | 136,7                           | 4 700                                                                     | 40 700*                                 |                         |                                 |                                         |                                | 88,0  |
| 92,0                           | 31,0                    | 119,7                           | 16 100                                                                    | 26 700*                                 | 38,3                    | 127,6                           | 9 400                                                                     | 32 700*                                 | 44,4                    | 132,7                           | 2 900                                                                     | 37 400*                                 | 49,6                    | 135,8                           | 31 500*                                 |                                | 92,0  |
| 96,0                           | 25,3                    | 112,0                           | 13 700                                                                    | 23 400*                                 | 33,8                    | 121,9                           | 7 400                                                                     | 29 000*                                 | 40,4                    | 128,2                           | 1 200                                                                     | 34 400*                                 | 46,1                    | 132,1                           | 28 700*                                 |                                | 96,0  |
| 100,0                          | 18,0                    | 101,4                           | 11 500                                                                    | 20 400*                                 | 28,6                    | 115,0                           | 5 600                                                                     | 25 500*                                 | 36,2                    | 122,9                           |                                                                           | 31 100*                                 | 42,3                    | 127,8                           | 26 100*                                 |                                | 100,0 |
| 104,0                          |                         |                                 |                                                                           |                                         | 22,4                    | 106,3                           | 3 800                                                                     | 22 400*                                 | 31,4                    | 116,7                           |                                                                           | 27 500*                                 | 38,2                    | 122,9                           | 23 700*                                 |                                | 104,0 |
| 108,0                          |                         |                                 |                                                                           |                                         | 13,5                    | 93,2                            | 2 000                                                                     | 19 500*                                 | 25,8                    | 109,1                           |                                                                           | 24 200*                                 | 33,7                    | 117,2                           | 21 500*                                 |                                | 108,0 |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,6                    | 98,8                            |                                                                           | 21 200*                                 | 28,5                    | 110,3                           | 19 400*                                 |                                | 112,0 |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,3                    | 101,5                           | 17 400*                                 |                                | 116,0 |
| 120,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,3                    | 88,3                            | 15 400*                                 |                                | 120,0 |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 73,2m (240 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 61,0                           | 62,1                    | 158,3                           | 42 400                                                                    | 50 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 61,0                           |
| 62,0                           | 61,4                    | 157,7                           | 41 000                                                                    | 50 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 60,0                    | 156,6                           | 38 500                                                                    | 49 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 58,6                    | 155,3                           | 36 100                                                                    | 46 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 57,1                    | 154,0                           | 33 900                                                                    | 44 800*                                 | 61,6                    | 156,4                           | 24 400                                                                    | 47 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 55,7                    | 152,6                           | 31 800                                                                    | 42 700*                                 | 60,2                    | 155,2                           | 22 600                                                                    | 47 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 54,2                    | 151,2                           | 29 800                                                                    | 40 600*                                 | 58,7                    | 154,0                           | 20 900                                                                    | 47 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 72,0                           |
| 74,0                           | 52,6                    | 149,7                           | 27 900                                                                    | 38 500*                                 | 57,3                    | 152,7                           | 19 300                                                                    | 45 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 74,0                           |
| 76,0                           | 51,1                    | 148,0                           | 26 200                                                                    | 36 400*                                 | 55,8                    | 151,3                           | 17 700                                                                    | 42 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 76,0                           |
| 78,0                           | 49,5                    | 146,3                           | 24 500                                                                    | 34 300*                                 | 54,3                    | 149,9                           | 16 300                                                                    | 40 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 78,0                           |
| 80,0                           | 47,8                    | 144,5                           | 22 900                                                                    | 32 400*                                 | 52,8                    | 148,4                           | 14 900                                                                    | 38 900*                                 | 57,3                    | 150,7                           | 7 100                                                                     | 43 700*                                 |                         |                                 |                                         | 80,0                           |
| 84,0                           | 44,4                    | 140,5                           | 19 900                                                                    | 28 500*                                 | 49,7                    | 145,0                           | 12 400                                                                    | 34 800*                                 | 54,4                    | 147,9                           | 5 000                                                                     | 40 500*                                 |                         |                                 |                                         | 84,0                           |
| 88,0                           | 40,8                    | 136,1                           | 17 200                                                                    | 24 800*                                 | 46,3                    | 141,3                           | 10 100                                                                    | 30 900*                                 | 51,3                    | 144,8                           | 3 000                                                                     | 36 700*                                 |                         |                                 |                                         | 88,0                           |
| 92,0                           | 36,8                    | 130,9                           | 14 800                                                                    | 21 300*                                 | 42,8                    | 137,1                           | 8 000                                                                     | 27 100*                                 | 48,1                    | 141,3                           | 1 300                                                                     | 32 800*                                 |                         |                                 |                                         | 92,0                           |
| 96,0                           | 32,5                    | 124,9                           | 12 500                                                                    | 18 100*                                 | 39,1                    | 132,4                           | 6 000                                                                     | 23 500*                                 | 44,7                    | 137,3                           |                                                                           | 29 100*                                 | 49,6                    | 140,4                           | 26 900*                                 | 96,0                           |
| 100,0                          | 27,5                    | 117,7                           | 10 300                                                                    | 15 100*                                 | 34,9                    | 126,9                           | 4 200                                                                     | 20 100*                                 | 41,0                    | 132,9                           |                                                                           | 25 500*                                 | 46,3                    | 136,7                           | 24 400*                                 | 100,0                          |
| 104,0                          | 21,4                    | 108,6                           | 8 300                                                                     | 12 400*                                 | 30,3                    | 120,4                           | 2 500                                                                     | 17 000*                                 | 37,1                    | 127,8                           |                                                                           | 22 000*                                 | 42,8                    | 132,5                           | 22 100*                                 | 104,0                          |
| 108,0                          | 12,6                    | 94,7                            | 6 300                                                                     | 9 900*                                  | 24,9                    | 112,5                           | 900                                                                       | 14 100*                                 | 32,8                    | 121,9                           |                                                                           | 18 800*                                 | 39,0                    | 127,7                           | 19 900*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         | 18,0                    | 101,8                           |                                                                           | 11 500*                                 | 27,9                    | 114,8                           |                                                                           | 15 800*                                 | 34,9                    | 122,2                           | 17 800*                                 | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,9                    | 105,8                           |                                                                           | 13 000*                                 | 30,3                    | 115,7                           | 15 900*                                 | 116,0                          |
| 120,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,5                    | 92,6                            |                                                                           | 10 400*                                 | 24,8                    | 107,8                           | 14 000*                                 | 120,0                          |
| 124,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,9                    | 97,1                            | 11 700*                                 | 124,0                          |
| 128,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 4,0                     | 74,6                            | 9 500*                                  | 128,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

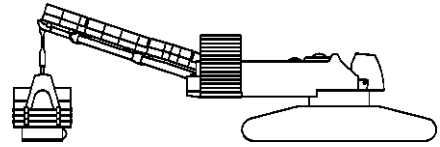
212 190 kg Hanging Counterweight

at 18m Position

360 Degree Rating

Meets  
ANSI B30.5  
Requirements

18000 With  
21000 MAX-ER



## 79,2m (260 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,2                    | 106,0                           | 153 000                                                                   | 193 000*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,0                           |
| 30,0                           | 63,7                    | 105,4                           | 146 500                                                                   | 191 500*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                           |
| 32,0                           | 58,8                    | 104,2                           | 134 900                                                                   | 185 400*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 53,6                    | 102,7                           | 124 800                                                                   | 177 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 48,0                    | 100,9                           | 115 900                                                                   | 169 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 41,7                    | 98,6                            | 107 900                                                                   | 161 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 34,4                    | 95,8                            | 100 600                                                                   | 152 300*                                | 55,6                    | 101,7                           | 86 700                                                                    | 143 100*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 25,1                    | 91,8                            | 93 900                                                                    | 144 100*                                | 50,1                    | 100,0                           | 81 100                                                                    | 135 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           |                         |                                 |                                                                           |                                         | 44,1                    | 97,9                            | 76 000                                                                    | 128 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         | 37,3                    | 95,3                            | 71 200                                                                    | 122 200*                                | 57,1                    | 99,9                            | 59 500                                                                    | 114 400*                                |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 28,9                    | 91,8                            | 66 700                                                                    | 116 300*                                | 51,7                    | 98,3                            | 55 800                                                                    | 108 900*                                |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 16,5                    | 86,2                            | 62 300                                                                    | 110 700*                                | 45,9                    | 96,3                            | 52 400                                                                    | 103 900*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 39,4                    | 93,9                            | 49 200                                                                    | 99 200*                                 |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 31,6                    | 90,8                            | 46 100                                                                    | 94 800*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,0                    | 86,1                            | 43 100                                                                    | 90 500*                                 | 47,0                    | 94,0                            | 34 400                                                                    | 84 600*                                 | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,6                    | 91,7                            | 32 200                                                                    | 81 000*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 33,1                    | 88,7                            | 30 100                                                                    | 77 600*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,3                    | 84,4                            | 27 900                                                                    | 74 200*                                 | 62,0                           |

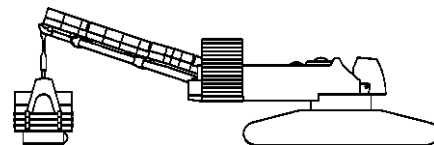
Capacities indicated by (b) require  
9 530 kg minimum weight suspended  
beneath luffing jib point.

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 79,2m (260 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 30,5                           | 68,0                    | 112,0                           | 142 700                                                                   | 170 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,5                           |
| 32,0                           | 65,1                    | 111,2                           | 134 100                                                                   | 169 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 61,2                    | 110,1                           | 124 200                                                                   | 163 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 57,1                    | 108,8                           | 115 300                                                                   | 157 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 52,8                    | 107,3                           | 107 500                                                                   | 150 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 48,2                    | 105,5                           | 100 400                                                                   | 143 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 43,2                    | 103,3                           | 94 100                                                                    | 136 800*                                | 58,6                    | 107,7                           | 80 100                                                                    | 134 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 37,6                    | 100,8                           | 88 200                                                                    | 130 500*                                | 54,4                    | 106,3                           | 75 100                                                                    | 127 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 31,1                    | 97,5                            | 82 900                                                                    | 125 000*                                | 49,9                    | 104,6                           | 70 500                                                                    | 121 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 22,9                    | 93,2                            | 77 800                                                                    | 120 800*                                | 45,1                    | 102,6                           | 66 300                                                                    | 115 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 39,7                    | 100,2                           | 62 400                                                                    | 110 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         | 33,7                    | 97,2                            | 58 800                                                                    | 105 500*                                | 51,2                    | 102,9                           | 48 200                                                                    | 98 300*                                 |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 26,3                    | 93,4                            | 55 300                                                                    | 100 800*                                | 46,5                    | 101,0                           | 45 300                                                                    | 94 000*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 15,4                    | 87,3                            | 51 900                                                                    | 96 300*                                 | 41,3                    | 98,7                            | 42 700                                                                    | 90 000*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,5                    | 96,0                            | 40 200                                                                    | 86 300*                                 | 52,0                    | 100,4                           | 31 000                                                                    | 80 000*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,6                    | 92,4                            | 37 700                                                                    | 82 700*                                 | 47,4                    | 98,6                            | 29 000                                                                    | 76 700*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,2                    | 87,3                            | 35 300                                                                    | 79 300*                                 | 42,3                    | 96,4                            | 27 200                                                                    | 73 600*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,6                    | 93,7                            | 25 400                                                                    | 70 600*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,0                    | 90,4                            | 23 700                                                                    | 67 800*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,2                    | 85,7                            | 22 000                                                                    | 65 100*                                 | 68,0                           |

Capacities indicated by **(b)** require  
9 530 kg minimum weight suspended  
beneath luffing jib point.

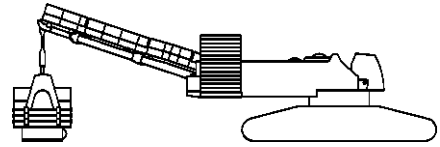


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 79,2m (260 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

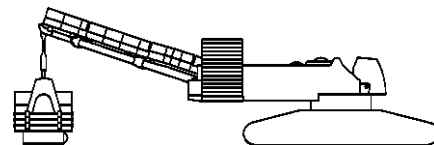
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 66,8                    | 117,3                           | 124 600                                                                   | 149 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 33,5                           |
| 34,0                           | 66,0                    | 117,1                           | 122 400                                                                   | 148 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 62,7                    | 116,0                           | 113 600                                                                   | 144 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 59,4                    | 114,8                           | 105 800                                                                   | 139 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 55,8                    | 113,4                           | 98 900                                                                    | 133 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 52,2                    | 111,9                           | 92 600                                                                    | 128 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 48,3                    | 110,1                           | 86 900                                                                    | 122 500*                                | 60,6                    | 113,7                           | 73 000                                                                    | 126 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 44,1                    | 108,0                           | 81 700                                                                    | 117 000*                                | 57,2                    | 112,4                           | 68 600                                                                    | 119 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 39,6                    | 105,6                           | 76 900                                                                    | 111 800*                                | 53,6                    | 110,9                           | 64 400                                                                    | 114 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 34,6                    | 102,7                           | 72 500                                                                    | 106 900*                                | 49,8                    | 109,2                           | 60 700                                                                    | 108 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 28,7                    | 99,2                            | 68 300                                                                    | 102 800*                                | 45,7                    | 107,2                           | 57 200                                                                    | 104 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 21,3                    | 94,5                            | 64 400                                                                    | 99 600*                                 | 41,3                    | 104,9                           | 53 900                                                                    | 99 600*                                 | 54,6                    | 109,1                           | 43 200                                                                    | 92 300*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 36,5                    | 102,3                           | 50 800                                                                    | 95 300*                                 | 50,9                    | 107,5                           | 40 600                                                                    | 88 400*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 31,0                    | 99,0                            | 48 000                                                                    | 91 400*                                 | 46,9                    | 105,6                           | 38 200                                                                    | 84 700*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 24,3                    | 94,8                            | 45 200                                                                    | 87 600*                                 | 42,6                    | 103,4                           | 36 000                                                                    | 81 300*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 14,6                    | 88,4                            | 42 400                                                                    | 83 900*                                 | 38,0                    | 100,9                           | 33 800                                                                    | 78 000*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,7                    | 97,8                            | 31 800                                                                    | 74 900*                                 | 47,6                    | 103,2                           | 23 300                                                                    | 68 900*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,4                    | 94,0                            | 29 800                                                                    | 71 900*                                 | 43,4                    | 101,1                           | 21 700                                                                    | 66 200*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,0                    | 88,5                            | 27 800                                                                    | 69 000*                                 | 38,8                    | 98,6                            | 20 200                                                                    | 63 600*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 33,7                    | 95,7                            | 18 800                                                                    | 61 200*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,6                    | 92,0                            | 17 300                                                                    | 58 900*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,8                    | 86,9                            | 15 900                                                                    | 56 600*                                 | 74,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 79,2m (260 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

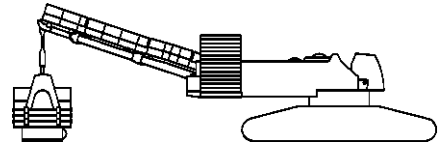
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 65,9                    | 122,6                           | 110 100                                                                   | 130 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,6                           |
| 38,0                           | 63,9                    | 121,9                           | 104 700                                                                   | 127 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 61,0                    | 120,7                           | 97 800                                                                    | 123 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 58,0                    | 119,5                           | 91 500                                                                    | 119 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 54,9                    | 118,1                           | 85 800                                                                    | 115 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 51,7                    | 116,5                           | 80 700                                                                    | 110 500*                                | 62,1                    | 119,6                           | 67 200                                                                    | 118 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 48,4                    | 114,7                           | 76 000                                                                    | 105 900*                                | 59,1                    | 118,3                           | 63 100                                                                    | 113 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 44,8                    | 112,7                           | 71 700                                                                    | 101 300*                                | 56,1                    | 117,0                           | 59 400                                                                    | 107 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 41,0                    | 110,4                           | 67 700                                                                    | 97 000*                                 | 53,0                    | 115,5                           | 55 900                                                                    | 103 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 36,9                    | 107,7                           | 63 900                                                                    | 92 900*                                 | 49,7                    | 113,8                           | 52 700                                                                    | 98 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 32,2                    | 104,6                           | 60 400                                                                    | 89 200*                                 | 46,2                    | 111,8                           | 49 800                                                                    | 94 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 26,8                    | 100,8                           | 57 100                                                                    | 86 000*                                 | 42,5                    | 109,7                           | 47 000                                                                    | 90 500*                                 | 53,9                    | 113,7                           | 36 800                                                                    | 83 500*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 20,0                    | 95,7                            | 54 000                                                                    | 83 600*                                 | 38,5                    | 107,1                           | 44 400                                                                    | 86 800*                                 | 50,6                    | 112,1                           | 34 600                                                                    | 80 200*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 34,0                    | 104,2                           | 41 900                                                                    | 83 400*                                 | 47,2                    | 110,2                           | 32 500                                                                    | 77 000*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 29,0                    | 100,7                           | 39 600                                                                    | 80 100*                                 | 43,6                    | 108,1                           | 30 600                                                                    | 73 900*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 22,8                    | 96,2                            | 37 300                                                                    | 77 000*                                 | 39,6                    | 105,7                           | 28 800                                                                    | 71 100*                                 | 51,2                    | 109,6                           | 20 200                                                                    | 65 000*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 14,0                    | 89,5                            | 35 000                                                                    | 74 000*                                 | 35,3                    | 102,9                           | 27 000                                                                    | 68 400*                                 | 47,8                    | 107,8                           | 18 800                                                                    | 62 500*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,5                    | 99,6                            | 25 300                                                                    | 65 700*                                 | 44,2                    | 105,8                           | 17 400                                                                    | 60 100*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,7                    | 95,5                            | 23 700                                                                    | 63 200*                                 | 40,4                    | 103,4                           | 16 100                                                                    | 57 900*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,1                    | 89,7                            | 22 000                                                                    | 60 800*                                 | 36,2                    | 100,7                           | 14 900                                                                    | 55 700*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 31,4                    | 97,5                            | 13 700                                                                    | 53 700*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,9                    | 93,5                            | 12 500                                                                    | 51 700*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,7                    | 88,2                            | 11 300                                                                    | 49 700*                                 | 80,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



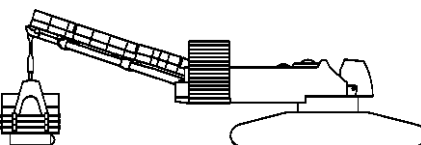
## 79,2m (260 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 63,3                    | 127,1                           | 92 200                                                                    | 111 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 41,1                           |
| 42,0                           | 62,2                    | 126,6                           | 89 700                                                                    | 110 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 59,6                    | 125,4                           | 84 000                                                                    | 106 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 57,0                    | 124,1                           | 78 900                                                                    | 103 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 54,3                    | 122,7                           | 74 300                                                                    | 99 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 51,4                    | 121,1                           | 70 000                                                                    | 95 700*                                 | 60,6                    | 124,3                           | 57 200                                                                    | 106 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 48,5                    | 119,3                           | 66 000                                                                    | 91 900*                                 | 58,0                    | 123,0                           | 53 800                                                                    | 101 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 45,4                    | 117,3                           | 62 400                                                                    | 88 100*                                 | 55,3                    | 121,6                           | 50 700                                                                    | 96 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 42,1                    | 115,1                           | 59 000                                                                    | 84 500*                                 | 52,5                    | 120,1                           | 47 800                                                                    | 92 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 38,5                    | 112,6                           | 55 800                                                                    | 81 000*                                 | 49,6                    | 118,3                           | 45 100                                                                    | 88 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 34,7                    | 109,7                           | 52 800                                                                    | 77 900*                                 | 46,5                    | 116,4                           | 42 500                                                                    | 85 300*                                 | 56,1                    | 119,8                           | 32 300                                                                    | 78 300*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 30,3                    | 106,4                           | 50 000                                                                    | 75 000*                                 | 43,3                    | 114,3                           | 40 100                                                                    | 81 900*                                 | 53,3                    | 118,3                           | 30 300                                                                    | 75 200*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 25,3                    | 102,3                           | 47 300                                                                    | 72 500*                                 | 39,9                    | 111,9                           | 37 900                                                                    | 78 700*                                 | 50,4                    | 116,7                           | 28 400                                                                    | 72 300*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 19,0                    | 97,0                            | 44 700                                                                    | 70 700*                                 | 36,1                    | 109,2                           | 35 800                                                                    | 75 700*                                 | 47,4                    | 114,8                           | 26 700                                                                    | 69 400*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 32,0                    | 106,1                           | 33 800                                                                    | 72 900*                                 | 44,2                    | 112,8                           | 25 000                                                                    | 66 700*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 27,3                    | 102,3                           | 31 800                                                                    | 70 100*                                 | 40,9                    | 110,5                           | 23 400                                                                    | 64 200*                                 | 51,0                    | 114,2                           | 15 100                                                                    | 58 400*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         | 21,6                    | 97,6                            | 29 900                                                                    | 67 500*                                 | 37,2                    | 107,9                           | 21 900                                                                    | 61 800*                                 | 48,0                    | 112,4                           | 13 900                                                                    | 56 100*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 13,6                    | 90,6                            | 28 000                                                                    | 64 900*                                 | 33,2                    | 104,8                           | 20 400                                                                    | 59 500*                                 | 44,8                    | 110,4                           | 12 700                                                                    | 54 000*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,7                    | 101,3                           | 19 000                                                                    | 57 300*                                 | 41,5                    | 108,2                           | 11 600                                                                    | 52 000*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,4                    | 96,9                            | 17 700                                                                    | 55 200*                                 | 37,9                    | 105,6                           | 10 500                                                                    | 50 100*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,3                    | 90,8                            | 16 300                                                                    | 53 100*                                 | 34,0                    | 102,7                           | 9 500                                                                     | 48 300*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,4                    | 95,0                            | 7 400                                                                     | 44 800*                                 | 84,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 79,2m (260 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 44,2                           | 62,9                    | 132,4                           | 82 200                                                                    | 98 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,2                           |
| 46,0                           | 60,9                    | 131,4                           | 77 600                                                                    | 95 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 58,6                    | 130,1                           | 73 000                                                                    | 92 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 56,2                    | 128,8                           | 68 700                                                                    | 89 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 53,7                    | 127,3                           | 64 800                                                                    | 86 700*                                 | 61,7                    | 130,2                           | 52 300                                                                    | 100 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 51,2                    | 125,7                           | 61 200                                                                    | 83 500*                                 | 59,4                    | 129,0                           | 49 200                                                                    | 95 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 48,5                    | 123,9                           | 57 800                                                                    | 80 400*                                 | 57,1                    | 127,7                           | 46 300                                                                    | 91 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 45,8                    | 121,9                           | 54 700                                                                    | 77 300*                                 | 54,6                    | 126,2                           | 43 600                                                                    | 87 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 42,8                    | 119,8                           | 51 800                                                                    | 74 300*                                 | 52,1                    | 124,7                           | 41 100                                                                    | 84 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 39,8                    | 117,4                           | 49 000                                                                    | 71 400*                                 | 49,5                    | 122,9                           | 38 800                                                                    | 80 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 36,4                    | 114,7                           | 46 400                                                                    | 68 600*                                 | 46,8                    | 121,1                           | 36 600                                                                    | 77 600*                                 | 55,3                    | 124,5                           | 26 900                                                                    | 71 000*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 32,8                    | 111,6                           | 44 000                                                                    | 66 200*                                 | 43,9                    | 119,0                           | 34 500                                                                    | 74 700*                                 | 52,9                    | 122,9                           | 25 100                                                                    | 68 200*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 28,8                    | 108,1                           | 41 600                                                                    | 63 900*                                 | 40,9                    | 116,7                           | 32 600                                                                    | 71 900*                                 | 50,3                    | 121,3                           | 23 500                                                                    | 65 500*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 24,1                    | 103,8                           | 39 400                                                                    | 61 900*                                 | 37,7                    | 114,1                           | 30 700                                                                    | 69 200*                                 | 47,6                    | 119,4                           | 22 000                                                                    | 63 000*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 18,3                    | 98,2                            | 37 200                                                                    | 60 600*                                 | 34,2                    | 111,2                           | 28 900                                                                    | 66 600*                                 | 44,8                    | 117,4                           | 20 500                                                                    | 60 700*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 30,4                    | 107,9                           | 27 200                                                                    | 64 200*                                 | 41,8                    | 115,2                           | 19 100                                                                    | 58 400*                                 | 50,7                    | 118,8                           | 11 100                                                                    | 52 800*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 25,9                    | 103,9                           | 25 600                                                                    | 61 800*                                 | 38,7                    | 112,7                           | 17 800                                                                    | 56 300*                                 | 48,1                    | 117,0                           | 10 000                                                                    | 50 800*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         | 20,6                    | 98,9                            | 24 000                                                                    | 59 600*                                 | 35,2                    | 109,9                           | 16 500                                                                    | 54 200*                                 | 45,3                    | 115,1                           | 9 000                                                                     | 49 000*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 13,2                    | 91,7                            | 22 400                                                                    | 57 300*                                 | 31,5                    | 106,7                           | 15 200                                                                    | 52 300*                                 | 42,4                    | 112,9                           | 8 000                                                                     | 47 100*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,3                    | 98,3                            | 12 900                                                                    | 48 600*                                 | 35,9                    | 107,7                           | 6 100                                                                     | 43 800*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,1                    | 100,9                           | 4 300                                                                     | 40 700*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,1                    | 90,6                            | 2 500                                                                     | 37 700*                                 | 92,0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

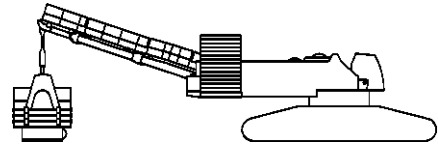
212 190 kg Hanging Counterweight

at 18m Position

360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



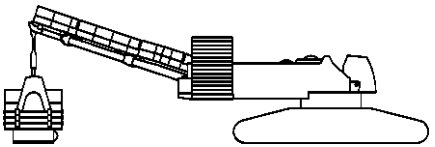
## 79,2m (260 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 62,7                    | 137,6                           | 72 800                                                                    | 86 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 47,2                           |
| 48,0                           | 61,9                    | 137,2                           | 71 100                                                                    | 85 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 59,8                    | 136,1                           | 66 800                                                                    | 83 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 57,7                    | 134,8                           | 62 900                                                                    | 80 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 55,5                    | 133,4                           | 59 300                                                                    | 78 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 53,3                    | 131,9                           | 56 000                                                                    | 75 700*                                 | 60,6                    | 134,9                           | 44 200                                                                    | 88 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 51,0                    | 130,2                           | 52 900                                                                    | 73 100*                                 | 58,5                    | 133,6                           | 41 500                                                                    | 86 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 48,6                    | 128,5                           | 50 000                                                                    | 70 500*                                 | 56,3                    | 132,3                           | 39 100                                                                    | 82 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 46,1                    | 126,6                           | 47 300                                                                    | 67 900*                                 | 54,1                    | 130,9                           | 36 700                                                                    | 79 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 43,5                    | 124,4                           | 44 800                                                                    | 65 500*                                 | 51,8                    | 129,3                           | 34 600                                                                    | 76 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 40,7                    | 122,1                           | 42 400                                                                    | 63 000*                                 | 49,5                    | 127,6                           | 32 500                                                                    | 73 100*                                 | 56,9                    | 130,5                           | 22 800                                                                    | 66 400*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 37,8                    | 119,6                           | 40 100                                                                    | 60 700*                                 | 47,0                    | 125,7                           | 30 600                                                                    | 70 300*                                 | 54,7                    | 129,1                           | 21 300                                                                    | 63 800*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 34,7                    | 116,7                           | 38 000                                                                    | 58 600*                                 | 44,5                    | 123,6                           | 28 800                                                                    | 67 700*                                 | 52,5                    | 127,6                           | 19 800                                                                    | 61 300*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 31,3                    | 113,5                           | 35 900                                                                    | 56 600*                                 | 41,8                    | 121,4                           | 27 100                                                                    | 65 100*                                 | 50,2                    | 125,9                           | 18 300                                                                    | 59 000*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 27,5                    | 109,7                           | 34 000                                                                    | 54 800*                                 | 38,9                    | 118,9                           | 25 400                                                                    | 62 700*                                 | 47,7                    | 124,1                           | 16 900                                                                    | 56 800*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 23,1                    | 105,2                           | 32 100                                                                    | 53 300*                                 | 35,9                    | 116,2                           | 23 900                                                                    | 60 500*                                 | 45,2                    | 122,1                           | 15 700                                                                    | 54 700*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 17,6                    | 99,4                            | 30 300                                                                    | 52 200*                                 | 32,6                    | 113,1                           | 22 400                                                                    | 58 300*                                 | 42,6                    | 119,9                           | 14 400                                                                    | 52 700*                                 | 50,6                    | 123,4                           | 6 600                                                                     | 47 100*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 29,0                    | 109,6                           | 21 000                                                                    | 56 200*                                 | 39,8                    | 117,5                           | 13 300                                                                    | 50 800*                                 | 48,2                    | 121,6                           | 5 700                                                                     | 45 400*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         | 19,8                    | 100,2                           | 18 200                                                                    | 52 300*                                 | 33,6                    | 111,8                           | 11 100                                                                    | 47 200*                                 | 43,0                    | 117,5                           | 3 900                                                                     | 42 100*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,1                    | 104,5                           | 9 000                                                                     | 43 900*                                 | 37,3                    | 112,6                           | 2 200                                                                     | 38 800*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,2                    | 93,1                            | 6 900                                                                     | 40 800*                                 | 30,7                    | 106,3                           | 700                                                                       | 35 700*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,3                    | 97,8                            |                                                                           | 32 800*                                 | 96,0                           |

# Liftcrane Luffing Jib Capacities

**Luffing Jib No. 79A On**  
**Boom No. 55 or No. 55A with 42,7m Mast No. 56**  
**223 170 kg Crane Counterweight**  
**145 150 kg Carbody Counterweight**  
**212 190 kg Hanging Counterweight**  
**at 18m Position**  
**360 Degree Rating**

**Meets  
ANSI B30.5  
Requirements**



**18000 With  
21000 MAX-ER**

## 79,2m (260 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 61,0                    | 142,1                           | 61 900                                                                    | 74 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 51,8                           |
| 52,0                           | 60,8                    | 142,0                           | 61 500                                                                    | 74 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 58,9                    | 140,7                           | 57 900                                                                    | 72 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 57,0                    | 139,4                           | 54 600                                                                    | 70 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 55,0                    | 138,0                           | 51 500                                                                    | 68 600*                                 | 61,5                    | 140,8                           | 39 900                                                                    | 77 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 52,9                    | 136,5                           | 48 600                                                                    | 66 500*                                 | 59,6                    | 139,6                           | 37 500                                                                    | 77 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 50,8                    | 134,9                           | 46 000                                                                    | 64 300*                                 | 57,7                    | 138,3                           | 35 200                                                                    | 77 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 48,6                    | 133,1                           | 43 500                                                                    | 62 200*                                 | 55,7                    | 136,9                           | 33 000                                                                    | 74 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 46,3                    | 131,2                           | 41 100                                                                    | 60 000*                                 | 53,7                    | 135,5                           | 31 000                                                                    | 71 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 44,0                    | 129,1                           | 38 900                                                                    | 58 000*                                 | 51,6                    | 133,9                           | 29 100                                                                    | 69 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 41,5                    | 126,8                           | 36 800                                                                    | 55 900*                                 | 49,4                    | 132,1                           | 27 300                                                                    | 66 500*                                 | 56,3                    | 135,2                           | 18 100                                                                    | 60 000*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 38,9                    | 124,4                           | 34 700                                                                    | 54 000*                                 | 47,2                    | 130,3                           | 25 600                                                                    | 64 000*                                 | 54,3                    | 133,7                           | 16 700                                                                    | 57 700*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 36,2                    | 121,7                           | 32 900                                                                    | 52 100*                                 | 44,9                    | 128,3                           | 24 000                                                                    | 61 600*                                 | 52,2                    | 132,1                           | 15 400                                                                    | 55 500*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 33,2                    | 118,6                           | 31 100                                                                    | 50 400*                                 | 42,5                    | 126,1                           | 22 500                                                                    | 59 400*                                 | 50,0                    | 130,5                           | 14 100                                                                    | 53 400*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 30,0                    | 115,2                           | 29 300                                                                    | 48 800*                                 | 39,9                    | 123,7                           | 21 100                                                                    | 57 200*                                 | 47,8                    | 128,6                           | 12 900                                                                    | 51 400*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 26,4                    | 111,3                           | 27 700                                                                    | 47 400*                                 | 37,2                    | 121,1                           | 19 700                                                                    | 55 200*                                 | 45,5                    | 126,7                           | 11 700                                                                    | 49 600*                                 |                         |                                 |                                                                           |                                         | 80,0                           |
| 84,0                           | 17,0                    | 100,6                           | 24 500                                                                    | 45 300*                                 | 31,2                    | 114,9                           | 17 100                                                                    | 51 400*                                 | 40,7                    | 122,2                           | 9 600                                                                     | 46 100*                                 | 48,2                    | 126,2                           | 2 300                                                                     | 40 300*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         | 23,8                    | 106,8                           | 14 700                                                                    | 47 800*                                 | 35,2                    | 116,9                           | 7 600                                                                     | 42 800*                                 | 43,6                    | 122,2                           | 700                                                                       | 37 100*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 12,7                    | 93,8                            | 12 200                                                                    | 44 200*                                 | 28,8                    | 110,2                           | 5 800                                                                     | 39 900*                                 | 38,5                    | 117,4                           |                                                                           | 34 200*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,6                    | 101,0                           | 4 000                                                                     | 37 100*                                 | 32,7                    | 111,6                           |                                                                           | 31 400*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,7                    | 104,1                           |                                                                           | 28 800*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,0                    | 92,9                            |                                                                           | 26 200*                                 | 104,0                          |

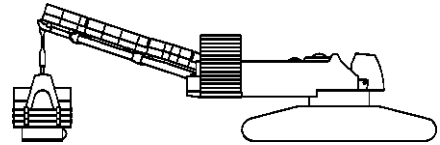


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 79,2m (260 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

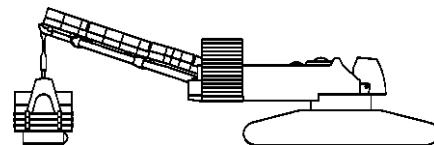
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |  |                                |
| 54,9                           | 60,9                    | 147,3                           | 54 600                                                                    | 65 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 54,9                           |
| 56,0                           | 59,9                    | 146,7                           | 52 700                                                                    | 65 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 56,0                           |
| 58,0                           | 58,1                    | 145,4                           | 49 700                                                                    | 63 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 58,0                           |
| 60,0                           | 56,3                    | 144,1                           | 46 800                                                                    | 61 800*                                 | 62,3                    | 146,6                           | 35 300                                                                    | 67 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 60,0                           |
| 62,0                           | 54,5                    | 142,6                           | 44 100                                                                    | 60 100*                                 | 60,6                    | 145,5                           | 33 000                                                                    | 67 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 62,0                           |
| 64,0                           | 52,6                    | 141,1                           | 41 600                                                                    | 58 300*                                 | 58,8                    | 144,3                           | 30 900                                                                    | 67 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 64,0                           |
| 66,0                           | 50,6                    | 139,4                           | 39 300                                                                    | 56 500*                                 | 57,0                    | 143,0                           | 28 900                                                                    | 67 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 66,0                           |
| 68,0                           | 48,6                    | 137,7                           | 37 100                                                                    | 54 800*                                 | 55,2                    | 141,6                           | 27 100                                                                    | 66 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 68,0                           |
| 70,0                           | 46,6                    | 135,8                           | 35 000                                                                    | 53 000*                                 | 53,3                    | 140,1                           | 25 300                                                                    | 64 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 70,0                           |
| 72,0                           | 44,4                    | 133,7                           | 33 000                                                                    | 51 200*                                 | 51,4                    | 138,5                           | 23 600                                                                    | 62 400*                                 | 57,5                    | 141,2                           | 14 400                                                                    | 56 000*                                 |                         |                                 |                                         |  | 72,0                           |
| 74,0                           | 42,2                    | 131,5                           | 31 200                                                                    | 49 500*                                 | 49,4                    | 136,7                           | 22 000                                                                    | 60 100*                                 | 55,7                    | 139,8                           | 13 100                                                                    | 53 800*                                 |                         |                                 |                                         |  | 74,0                           |
| 76,0                           | 39,8                    | 129,1                           | 29 400                                                                    | 47 900*                                 | 47,3                    | 134,9                           | 20 600                                                                    | 57 800*                                 | 53,8                    | 138,3                           | 11 900                                                                    | 51 700*                                 |                         |                                 |                                         |  | 76,0                           |
| 78,0                           | 37,4                    | 126,5                           | 27 700                                                                    | 46 300*                                 | 45,2                    | 132,9                           | 19 100                                                                    | 55 700*                                 | 51,9                    | 136,8                           | 10 700                                                                    | 49 800*                                 |                         |                                 |                                         |  | 78,0                           |
| 80,0                           | 34,7                    | 123,7                           | 26 100                                                                    | 44 800*                                 | 43,0                    | 130,8                           | 17 800                                                                    | 53 700*                                 | 50,0                    | 135,1                           | 9 600                                                                     | 47 900*                                 |                         |                                 |                                         |  | 80,0                           |
| 84,0                           | 28,8                    | 116,9                           | 23 100                                                                    | 42 200*                                 | 38,3                    | 125,9                           | 15 200                                                                    | 49 900*                                 | 45,8                    | 131,3                           | 7 500                                                                     | 44 400*                                 | 52,3                    | 134,3                           | 38 000*                                 |  | 84,0                           |
| 88,0                           | 21,5                    | 108,0                           | 20 300                                                                    | 40 100*                                 | 33,0                    | 120,1                           | 12 900                                                                    | 46 400*                                 | 41,4                    | 126,9                           | 5 600                                                                     | 41 300*                                 | 48,3                    | 130,8                           | 34 800*                                 |  | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 26,7                    | 112,8                           | 10 700                                                                    | 43 200*                                 | 36,5                    | 121,8                           | 3 800                                                                     | 38 200*                                 | 44,1                    | 126,8                           | 31 900*                                 |  | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         | 18,5                    | 102,7                           | 8 700                                                                     | 40 300*                                 | 30,9                    | 115,5                           | 2 100                                                                     | 35 200*                                 | 39,4                    | 122,2                           | 29 200*                                 |  | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,1                    | 107,5                           | 600                                                                       | 32 400*                                 | 34,3                    | 116,6                           | 26 700*                                 |  | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,5                    | 95,3                            |                                                                           | 29 700*                                 | 28,3                    | 109,8                           | 24 300*                                 |  | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,7                    | 100,5                           | 22 100*                                 |  | 108,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 79,2m (260 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 57,9                           | 60,8                    | 152,6                           | 48 300                                                                    | 58 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 57,9                           |
| 58,0                           | 60,8                    | 152,6                           | 48 200                                                                    | 58 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           | 59,2                    | 151,4                           | 45 300                                                                    | 57 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 57,5                    | 150,1                           | 42 700                                                                    | 55 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 55,8                    | 148,7                           | 40 200                                                                    | 54 300*                                 | 61,4                    | 151,4                           | 29 300                                                                    | 59 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 54,1                    | 147,3                           | 37 800                                                                    | 52 900*                                 | 59,8                    | 150,2                           | 27 300                                                                    | 59 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 52,3                    | 145,7                           | 35 700                                                                    | 51 400*                                 | 58,1                    | 149,0                           | 25 500                                                                    | 59 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 50,5                    | 144,1                           | 33 600                                                                    | 49 900*                                 | 56,4                    | 147,6                           | 23 700                                                                    | 59 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 48,7                    | 142,3                           | 31 600                                                                    | 48 400*                                 | 54,7                    | 146,2                           | 22 100                                                                    | 59 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 72,0                           |
| 74,0                           | 46,7                    | 140,4                           | 29 800                                                                    | 46 900*                                 | 53,0                    | 144,7                           | 20 500                                                                    | 58 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 74,0                           |
| 76,0                           | 44,8                    | 138,4                           | 28 000                                                                    | 45 500*                                 | 51,2                    | 143,1                           | 19 000                                                                    | 56 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 76,0                           |
| 78,0                           | 42,7                    | 136,2                           | 26 400                                                                    | 44 100*                                 | 49,4                    | 141,4                           | 17 600                                                                    | 54 500*                                 | 55,2                    | 144,4                           | 9 000                                                                     | 48 400*                                 |                         |                                 |                                         | 78,0                           |
| 80,0                           | 40,6                    | 133,9                           | 24 800                                                                    | 42 700*                                 | 47,5                    | 139,5                           | 16 300                                                                    | 52 500*                                 | 53,5                    | 142,9                           | 7 900                                                                     | 46 600*                                 |                         |                                 |                                         | 80,0                           |
| 84,0                           | 36,0                    | 128,6                           | 21 800                                                                    | 40 100*                                 | 43,5                    | 135,4                           | 13 800                                                                    | 48 700*                                 | 49,9                    | 139,7                           | 5 800                                                                     | 43 200*                                 |                         |                                 |                                         | 84,0                           |
| 88,0                           | 30,8                    | 122,3                           | 19 100                                                                    | 37 400*                                 | 39,2                    | 130,7                           | 11 500                                                                    | 44 600*                                 | 46,1                    | 135,9                           | 4 000                                                                     | 39 800*                                 |                         |                                 |                                         | 88,0                           |
| 92,0                           | 24,6                    | 114,3                           | 16 600                                                                    | 33 800*                                 | 34,4                    | 125,2                           | 9 400                                                                     | 40 500*                                 | 42,0                    | 131,6                           | 2 300                                                                     | 36 600*                                 | 48,4                    | 135,4                           | 30 100*                                 | 92,0                           |
| 96,0                           | 16,1                    | 102,9                           | 14 200                                                                    | 30 600*                                 | 29,0                    | 118,4                           | 7 400                                                                     | 36 700*                                 | 37,5                    | 126,7                           | 700                                                                       | 33 700*                                 | 44,4                    | 131,5                           | 27 500*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         | 22,3                    | 109,7                           | 5 600                                                                     | 33 200*                                 | 32,6                    | 120,7                           |                                                                           | 30 900*                                 | 40,2                    | 126,9                           | 25 000*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 12,3                    | 96,0                            | 3 700                                                                     | 30 100*                                 | 26,8                    | 113,4                           |                                                                           | 28 300*                                 | 35,6                    | 121,6                           | 22 700*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,3                    | 103,5                           |                                                                           | 25 900*                                 | 30,3                    | 115,2                           | 20 600*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,0                    | 107,1                           | 18 500*                                 | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,3                    | 95,2                            | 16 500*                                 | 116,0                          |

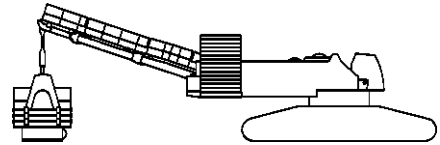


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



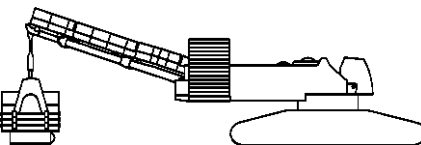
## 79,2m (260 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |  |                                |
| 61,0                           | 60,8                    | 157,9                           | 42 100                                                                    | 51 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 61,0                           |
| 62,0                           | 60,0                    | 157,3                           | 40 800                                                                    | 50 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 62,0                           |
| 64,0                           | 58,5                    | 156,1                           | 38 300                                                                    | 49 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 64,0                           |
| 66,0                           | 56,9                    | 154,7                           | 36 000                                                                    | 48 600*                                 | 62,1                    | 157,3                           | 25 200                                                                    | 51 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 66,0                           |
| 68,0                           | 55,4                    | 153,4                           | 33 800                                                                    | 47 500*                                 | 60,6                    | 156,1                           | 23 300                                                                    | 51 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 68,0                           |
| 70,0                           | 53,7                    | 151,9                           | 31 700                                                                    | 46 300*                                 | 59,1                    | 154,9                           | 21 600                                                                    | 51 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 70,0                           |
| 72,0                           | 52,1                    | 150,3                           | 29 800                                                                    | 45 100*                                 | 57,5                    | 153,6                           | 20 000                                                                    | 51 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 72,0                           |
| 74,0                           | 50,4                    | 148,6                           | 27 900                                                                    | 43 800*                                 | 55,9                    | 152,3                           | 18 400                                                                    | 51 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 74,0                           |
| 76,0                           | 48,7                    | 146,9                           | 26 200                                                                    | 42 600*                                 | 54,3                    | 150,8                           | 17 000                                                                    | 50 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 76,0                           |
| 78,0                           | 46,9                    | 145,0                           | 24 600                                                                    | 40 600*                                 | 52,7                    | 149,3                           | 15 600                                                                    | 48 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 78,0                           |
| 80,0                           | 45,1                    | 143,0                           | 23 000                                                                    | 38 700*                                 | 51,0                    | 147,7                           | 14 300                                                                    | 45 900*                                 | 56,4                    | 150,5                           | 5 700                                                                     | 44 800*                                 |                         |                                 |                                         |  | 80,0                           |
| 84,0                           | 41,2                    | 138,6                           | 20 100                                                                    | 34 700*                                 | 47,6                    | 144,1                           | 11 800                                                                    | 41 900*                                 | 53,2                    | 147,6                           | 3 700                                                                     | 41 000*                                 |                         |                                 |                                         |  | 84,0                           |
| 88,0                           | 37,0                    | 133,5                           | 17 400                                                                    | 31 000*                                 | 43,9                    | 140,1                           | 9 500                                                                     | 37 800*                                 | 49,8                    | 144,3                           | 1 800                                                                     | 37 600*                                 |                         |                                 |                                         |  | 88,0                           |
| 92,0                           | 32,4                    | 127,5                           | 15 000                                                                    | 27 500*                                 | 39,9                    | 135,5                           | 7 500                                                                     | 33 900*                                 | 46,3                    | 140,6                           |                                                                           | 34 500*                                 | 51,8                    | 143,5                           | 27 800*                                 |  | 92,0                           |
| 96,0                           | 27,0                    | 120,2                           | 12 700                                                                    | 24 200*                                 | 35,6                    | 130,1                           | 5 600                                                                     | 30 300*                                 | 42,5                    | 136,3                           |                                                                           | 31 500*                                 | 48,4                    | 140,1                           | 25 200*                                 |  | 96,0                           |
| 100,0                          | 20,2                    | 110,6                           | 10 500                                                                    | 21 100*                                 | 30,7                    | 123,8                           | 3 800                                                                     | 26 800*                                 | 38,4                    | 131,5                           |                                                                           | 28 900*                                 | 44,8                    | 136,1                           | 22 800*                                 |  | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 25,0                    | 115,9                           | 2 200                                                                     | 23 500*                                 | 34,0                    | 125,8                           |                                                                           | 26 400*                                 | 40,9                    | 131,7                           | 20 500*                                 |  | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         | 17,6                    | 105,1                           | 500                                                                       | 20 600*                                 | 28,8                    | 119,0                           |                                                                           | 24 000*                                 | 36,7                    | 126,5                           | 18 400*                                 |  | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,6                    | 110,4                           |                                                                           | 21 800*                                 | 31,9                    | 120,4                           | 16 500*                                 |  | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,9                    | 97,6                            |                                                                           | 19 600*                                 | 26,5                    | 113,0                           | 14 600*                                 |  | 116,0                          |
| 120,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,6                    | 103,1                           | 12 800*                                 |  | 120,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 79,2m (260 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

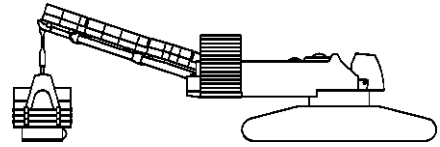
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 64,0                           | 60,7                    | 163,2                           | 36 800                                                                    | 44 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 59,3                    | 162,0                           | 34 500                                                                    | 43 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 57,9                    | 160,7                           | 32 300                                                                    | 41 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 56,4                    | 159,4                           | 30 300                                                                    | 39 300*                                 | 61,3                    | 162,0                           | 20 000                                                                    | 43 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 55,0                    | 158,0                           | 28 300                                                                    | 37 500*                                 | 59,9                    | 160,8                           | 18 300                                                                    | 43 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 72,0                           |
| 74,0                           | 53,4                    | 156,5                           | 26 500                                                                    | 35 600*                                 | 58,4                    | 159,6                           | 16 800                                                                    | 41 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 74,0                           |
| 76,0                           | 51,9                    | 154,9                           | 24 800                                                                    | 33 700*                                 | 57,0                    | 158,3                           | 15 400                                                                    | 40 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 76,0                           |
| 78,0                           | 50,3                    | 153,2                           | 23 100                                                                    | 32 000*                                 | 55,5                    | 156,9                           | 14 000                                                                    | 38 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 78,0                           |
| 80,0                           | 48,7                    | 151,5                           | 21 600                                                                    | 30 200*                                 | 54,0                    | 155,4                           | 12 700                                                                    | 36 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 80,0                           |
| 84,0                           | 45,3                    | 147,6                           | 18 700                                                                    | 26 700*                                 | 50,9                    | 152,3                           | 10 200                                                                    | 32 800*                                 | 55,9                    | 155,1                           | 2 000                                                                     | 38 100*                                 |                         |                                 |                                         | 84,0                           |
| 88,0                           | 41,8                    | 143,3                           | 16 000                                                                    | 23 400*                                 | 47,7                    | 148,7                           | 8 000                                                                     | 29 300*                                 | 52,9                    | 152,2                           | 200                                                                       | 34 800*                                 |                         |                                 |                                         | 88,0                           |
| 92,0                           | 37,9                    | 138,4                           | 13 600                                                                    | 20 300*                                 | 44,2                    | 144,7                           | 6 000                                                                     | 25 900*                                 | 49,8                    | 148,9                           |                                                                           | 31 400*                                 |                         |                                 |                                         | 92,0                           |
| 96,0                           | 33,7                    | 132,6                           | 11 400                                                                    | 17 400*                                 | 40,6                    | 140,2                           | 4 100                                                                     | 22 700*                                 | 46,5                    | 145,2                           |                                                                           | 28 100*                                 | 51,6                    | 148,1                           | 23 400*                                 | 96,0                           |
| 100,0                          | 28,9                    | 125,8                           | 9 300                                                                     | 14 600*                                 | 36,6                    | 135,0                           | 2 400                                                                     | 19 600*                                 | 43,0                    | 141,0                           |                                                                           | 24 800*                                 | 48,4                    | 144,6                           | 21 000*                                 | 100,0                          |
| 104,0                          | 23,1                    | 117,3                           | 7 300                                                                     | 12 100*                                 | 32,2                    | 129,0                           | 800                                                                       | 16 700*                                 | 39,2                    | 136,3                           |                                                                           | 21 700*                                 | 45,1                    | 140,8                           | 18 800*                                 | 104,0                          |
| 108,0                          | 15,5                    | 105,2                           | 5 400                                                                     | 9 700*                                  | 27,2                    | 121,7                           |                                                                           | 14 000*                                 | 35,1                    | 130,8                           |                                                                           | 18 700*                                 | 41,5                    | 136,4                           | 16 700*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         | 21,0                    | 112,4                           |                                                                           | 11 500*                                 | 30,5                    | 124,4                           |                                                                           | 15 800*                                 | 37,6                    | 131,4                           | 14 800*                                 | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         | 12,0                    | 98,1                            |                                                                           | 9 200*                                  | 25,2                    | 116,5                           |                                                                           | 13 200*                                 | 33,3                    | 125,6                           | 13 000*                                 | 116,0                          |
| 120,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,4                    | 106,0                           |                                                                           | 10 800*                                 | 28,4                    | 118,6                           | 11 300*                                 | 120,0                          |
| 124,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,6                    | 109,9                           | 9 600*                                  | 124,0                          |
| 128,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,7                    | 97,4                            | 8 000*                                  | 128,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

18000 With  
 21000 MAX-ER



## 85,3m (280 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 30,5                           | 65,1                    | 111,7                           | 140 900                                                                   | 166 500*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,5                           |
| 32,0                           | 61,5                    | 110,9                           | 132 500                                                                   | 165 100*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                           |
| 34,0                           | 56,4                    | 109,5                           | 122 600                                                                   | 159 800*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 51,0                    | 107,9                           | 113 800                                                                   | 153 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 45,1                    | 105,9                           | 105 900                                                                   | 146 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 38,4                    | 103,4                           | 98 800                                                                    | 139 900*                                | 59,6                    | 108,7                           | 83 300                                                                    | 140 100*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 30,4                    | 100,1                           | 92 300                                                                    | 134 400*                                | 54,5                    | 107,2                           | 77 900                                                                    | 132 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 19,1                    | 95,1                            | 86 200                                                                    | 130 700*                                | 48,9                    | 105,4                           | 72 900                                                                    | 125 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         | 42,8                    | 103,3                           | 68 400                                                                    | 119 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 35,7                    | 100,6                           | 64 100                                                                    | 113 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 26,8                    | 96,8                            | 60 100                                                                    | 108 600*                                | 52,0                    | 104,1                           | 48 600                                                                    | 100 800*                                |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,2                    | 102,2                           | 45 600                                                                    | 96 200*                                 |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 39,7                    | 99,8                            | 42 800                                                                    | 92 000*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 31,9                    | 96,7                            | 40 100                                                                    | 88 000*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,7                    | 100,1                           | 28 000                                                                    | 77 700*                                 | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,5                    | 97,9                            | 26 100                                                                    | 74 400*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,4                    | 95,2                            | 24 300                                                                    | 71 300*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,5                    | 91,4                            | 22 500                                                                    | 68 300*                                 | 64,0                           |

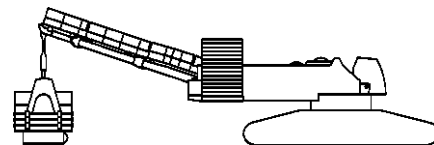
Capacities indicated by (b) require  
 9 530 kg minimum weight suspended  
 beneath luffing jib point.

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 85,3m (280 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 64,2                    | 117,0                           | 124 000                                                                   | 147 600*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 33,5                           |
| 34,0                           | 63,3                    | 116,7                           | 121 800                                                                   | 146 500*(b)                             |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                           |
| 36,0                           | 59,3                    | 115,5                           | 113 100                                                                   | 141 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 55,1                    | 114,1                           | 105 400                                                                   | 136 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 50,6                    | 112,5                           | 98 400                                                                    | 130 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 45,9                    | 110,5                           | 92 200                                                                    | 124 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 40,6                    | 108,2                           | 86 500                                                                    | 119 300*                                | 57,7                    | 113,3                           | 71 900                                                                    | 125 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 34,7                    | 105,3                           | 81 200                                                                    | 114 300*                                | 53,5                    | 111,8                           | 67 500                                                                    | 118 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 27,6                    | 101,7                           | 76 300                                                                    | 110 100*                                | 48,9                    | 110,1                           | 63 400                                                                    | 113 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 17,6                    | 96,2                            | 71 600                                                                    | 107 500*                                | 44,0                    | 108,0                           | 59 700                                                                    | 108 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         | 38,5                    | 105,5                           | 56 200                                                                    | 103 200*                                | 55,8                    | 110,3                           | 44 400                                                                    | 95 200*                                 |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 32,2                    | 102,4                           | 52 900                                                                    | 98 700*                                 | 51,4                    | 108,7                           | 41 700                                                                    | 91 100*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 24,4                    | 98,3                            | 49 800                                                                    | 94 400*                                 | 46,7                    | 106,8                           | 39 200                                                                    | 87 200*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 41,6                    | 104,6                           | 36 900                                                                    | 83 500*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,8                    | 101,8                           | 34 600                                                                    | 80 100*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,9                    | 98,3                            | 32 400                                                                    | 76 900*                                 | 48,8                    | 104,7                           | 23 200                                                                    | 70 400*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,7                    | 93,3                            | 30 300                                                                    | 73 700*                                 | 43,8                    | 102,6                           | 21 600                                                                    | 67 500*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,4                    | 100,1                           | 20 100                                                                    | 64 900*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,0                    | 97,0                            | 18 600                                                                    | 62 300*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,1                    | 92,8                            | 17 100                                                                    | 59 900*                                 | 70,0                           |

Capacities indicated by **(b)** require  
9 530 kg minimum weight suspended  
beneath luffing jib point.

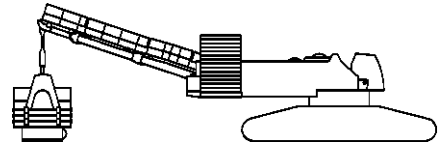


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 85,3m (280 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

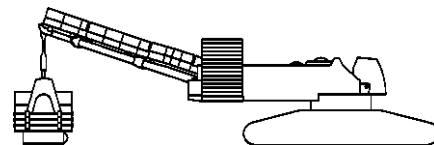
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 61,0                    | 121,4                           | 103 200                                                                   | 125 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,1                           |
| 40,0                           | 57,7                    | 120,2                           | 96 800                                                                    | 120 900*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 54,1                    | 118,7                           | 90 600                                                                    | 116 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 50,4                    | 117,1                           | 85 000                                                                    | 111 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 46,4                    | 115,1                           | 79 900                                                                    | 106 900*                                | 59,9                    | 119,3                           | 65 400                                                                    | 117 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 42,1                    | 112,9                           | 75 200                                                                    | 102 400*                                | 56,4                    | 117,9                           | 61 400                                                                    | 111 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 37,3                    | 110,3                           | 70 900                                                                    | 98 100*                                 | 52,8                    | 116,4                           | 57 700                                                                    | 106 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 31,9                    | 107,2                           | 66 800                                                                    | 94 300*                                 | 48,9                    | 114,7                           | 54 400                                                                    | 101 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 25,5                    | 103,2                           | 63 000                                                                    | 91 100*                                 | 44,8                    | 112,6                           | 51 200                                                                    | 97 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 16,6                    | 97,3                            | 59 300                                                                    | 89 300*                                 | 40,4                    | 110,3                           | 48 300                                                                    | 93 100*                                 | 54,8                    | 114,9                           | 37 000                                                                    | 85 400*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 35,4                    | 107,5                           | 45 600                                                                    | 89 200*                                 | 51,0                    | 113,3                           | 34 700                                                                    | 81 900*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 29,7                    | 104,1                           | 42 900                                                                    | 85 600*                                 | 47,1                    | 111,4                           | 32 600                                                                    | 78 500*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 22,6                    | 99,6                            | 40 400                                                                    | 82 100*                                 | 42,8                    | 109,3                           | 30 600                                                                    | 75 400*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 11,3                    | 92,1                            | 37 800                                                                    | 78 700*                                 | 38,2                    | 106,7                           | 28 800                                                                    | 72 400*                                 | 52,6                    | 111,1                           | 19 200                                                                    | 65 700*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,9                    | 103,7                           | 26 900                                                                    | 69 600*                                 | 48,8                    | 109,3                           | 17 800                                                                    | 63 100*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,7                    | 99,9                            | 25 200                                                                    | 66 800*                                 | 44,7                    | 107,3                           | 16 500                                                                    | 60 700*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,4                    | 94,5                            | 23 400                                                                    | 64 100*                                 | 40,2                    | 104,9                           | 15 200                                                                    | 58 400*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,3                    | 102,1                           | 13 900                                                                    | 56 100*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,5                    | 98,7                            | 12 700                                                                    | 54 000*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,4                    | 94,2                            | 11 500                                                                    | 51 900*                                 | 76,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 85,3m (280 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

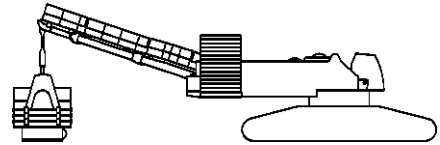
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 60,9                    | 126,7                           | 92 000                                                                    | 109 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 41,1                           |
| 42,0                           | 59,6                    | 126,2                           | 89 500                                                                    | 108 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 56,6                    | 124,8                           | 83 900                                                                    | 104 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 53,5                    | 123,3                           | 78 800                                                                    | 100 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 50,2                    | 121,7                           | 74 200                                                                    | 96 600*                                 | 61,5                    | 125,2                           | 60 000                                                                    | 110 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 46,7                    | 119,8                           | 69 900                                                                    | 92 700*                                 | 58,5                    | 124,0                           | 56 400                                                                    | 105 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 43,1                    | 117,6                           | 66 100                                                                    | 88 900*                                 | 55,4                    | 122,6                           | 53 000                                                                    | 100 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 39,1                    | 115,2                           | 62 400                                                                    | 85 300*                                 | 52,3                    | 121,0                           | 50 000                                                                    | 96 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 34,8                    | 112,3                           | 59 000                                                                    | 81 900*                                 | 48,9                    | 119,3                           | 47 200                                                                    | 92 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 29,8                    | 108,9                           | 55 800                                                                    | 79 000*                                 | 45,4                    | 117,3                           | 44 500                                                                    | 88 300*                                 | 57,1                    | 121,0                           | 33 200                                                                    | 80 600*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 23,9                    | 104,6                           | 52 700                                                                    | 76 600*                                 | 41,6                    | 115,0                           | 42 000                                                                    | 84 700*                                 | 54,0                    | 119,5                           | 31 100                                                                    | 77 300*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 15,8                    | 98,5                            | 49 700                                                                    | 75 300*                                 | 37,6                    | 112,4                           | 39 600                                                                    | 81 400*                                 | 50,8                    | 117,9                           | 29 200                                                                    | 74 200*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 33,0                    | 109,4                           | 37 400                                                                    | 78 200*                                 | 47,3                    | 116,0                           | 27 400                                                                    | 71 300*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 27,8                    | 105,7                           | 35 200                                                                    | 75 200*                                 | 43,7                    | 113,9                           | 25 700                                                                    | 68 500*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 21,3                    | 101,0                           | 33 200                                                                    | 72 300*                                 | 39,8                    | 111,6                           | 24 100                                                                    | 65 900*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 11,2                    | 93,2                            | 31 000                                                                    | 69 400*                                 | 35,5                    | 108,8                           | 22 500                                                                    | 63 400*                                 | 48,8                    | 113,9                           | 13 700                                                                    | 57 200*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,7                    | 105,5                           | 21 000                                                                    | 61 000*                                 | 45,3                    | 111,9                           | 12 500                                                                    | 55 000*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,0                    | 101,4                           | 19 600                                                                    | 58 700*                                 | 41,5                    | 109,7                           | 11 400                                                                    | 53 000*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,5                    | 95,7                            | 18 100                                                                    | 56 500*                                 | 37,4                    | 107,1                           | 10 300                                                                    | 51 000*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,9                    | 104,0                           | 9 300                                                                     | 49 100*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,6                    | 100,3                           | 8 200                                                                     | 47 300*                                 | 80,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 85,3m (280 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

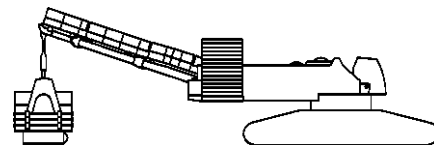
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 44,2                           | 60,8                    | 132,0                           | 81 500                                                                    | 96 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,2                           |
| 46,0                           | 58,4                    | 130,8                           | 77 000                                                                    | 93 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 55,7                    | 129,5                           | 72 400                                                                    | 90 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 52,9                    | 127,9                           | 68 200                                                                    | 87 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 50,0                    | 126,2                           | 64 300                                                                    | 83 800*                                 | 60,1                    | 129,9                           | 50 900                                                                    | 98 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 47,0                    | 124,4                           | 60 700                                                                    | 80 600*                                 | 57,4                    | 128,6                           | 47 800                                                                    | 94 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 43,8                    | 122,3                           | 57 400                                                                    | 77 400*                                 | 54,7                    | 127,2                           | 45 100                                                                    | 90 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 40,4                    | 119,9                           | 54 300                                                                    | 74 400*                                 | 51,9                    | 125,6                           | 42 400                                                                    | 86 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 36,7                    | 117,3                           | 51 400                                                                    | 71 500*                                 | 48,9                    | 123,9                           | 40 000                                                                    | 83 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 32,7                    | 114,2                           | 48 600                                                                    | 68 900*                                 | 45,9                    | 121,9                           | 37 700                                                                    | 79 800*                                 | 56,2                    | 125,6                           | 26 900                                                                    | 72 400*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 28,1                    | 110,6                           | 46 000                                                                    | 66 600*                                 | 42,6                    | 119,7                           | 35 600                                                                    | 76 700*                                 | 53,4                    | 124,1                           | 25 100                                                                    | 69 500*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 22,6                    | 106,0                           | 43 500                                                                    | 64 800*                                 | 39,1                    | 117,3                           | 33 500                                                                    | 73 800*                                 | 50,6                    | 122,5                           | 23 500                                                                    | 66 800*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 15,1                    | 99,6                            | 41 100                                                                    | 63 900*                                 | 35,3                    | 114,5                           | 31 600                                                                    | 70 900*                                 | 47,6                    | 120,6                           | 21 900                                                                    | 64 200*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 31,1                    | 111,2                           | 29 800                                                                    | 68 300*                                 | 44,4                    | 118,6                           | 20 400                                                                    | 61 800*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         | 26,2                    | 107,3                           | 28 000                                                                    | 65 800*                                 | 41,0                    | 116,3                           | 19 000                                                                    | 59 400*                                 | 51,8                    | 120,2                           | 10 100                                                                    | 53 200*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 20,2                    | 102,2                           | 26 200                                                                    | 63 300*                                 | 37,4                    | 113,7                           | 17 700                                                                    | 57 200*                                 | 48,8                    | 118,5                           | 9 100                                                                     | 51 200*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 11,0                    | 94,2                            | 24 400                                                                    | 60 800*                                 | 33,4                    | 110,7                           | 16 400                                                                    | 55 100*                                 | 45,8                    | 116,5                           | 8 000                                                                     | 49 300*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,9                    | 107,2                           | 15 100                                                                    | 53 100*                                 | 42,5                    | 114,4                           | 7 100                                                                     | 47 400*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,6                    | 102,8                           | 13 900                                                                    | 51 200*                                 | 39,0                    | 111,9                           | 6 100                                                                     | 45 700*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,9                    | 105,8                           | 4 400                                                                     | 42 400*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,0                    | 96,7                            | 2 600                                                                     | 39 100*                                 | 88,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 85,3m (280 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 58,9                    | 136,3                           | 69 400                                                                    | 83 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,8                           |
| 50,0                           | 57,4                    | 135,5                           | 66 900                                                                    | 81 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 55,0                    | 134,1                           | 63 100                                                                    | 78 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 52,5                    | 132,5                           | 59 500                                                                    | 76 100*                                 | 61,3                    | 135,8                           | 46 300                                                                    | 89 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 49,9                    | 130,8                           | 56 200                                                                    | 73 400*                                 | 58,9                    | 134,6                           | 43 500                                                                    | 88 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 47,2                    | 129,0                           | 53 100                                                                    | 70 700*                                 | 56,6                    | 133,3                           | 40 900                                                                    | 85 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 44,4                    | 126,9                           | 50 200                                                                    | 68 100*                                 | 54,1                    | 131,8                           | 38 500                                                                    | 81 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 41,4                    | 124,7                           | 47 600                                                                    | 65 500*                                 | 51,6                    | 130,2                           | 36 300                                                                    | 78 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 38,2                    | 122,2                           | 45 000                                                                    | 63 100*                                 | 48,9                    | 128,5                           | 34 200                                                                    | 75 500*                                 | 57,8                    | 131,6                           | 23 500                                                                    | 68 200*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 34,8                    | 119,3                           | 42 600                                                                    | 60 800*                                 | 46,2                    | 126,5                           | 32 200                                                                    | 72 600*                                 | 55,4                    | 130,3                           | 21 800                                                                    | 65 600*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 31,0                    | 116,0                           | 40 400                                                                    | 58 800*                                 | 43,3                    | 124,4                           | 30 300                                                                    | 69 900*                                 | 53,0                    | 128,7                           | 20 300                                                                    | 63 000*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 26,7                    | 112,2                           | 38 200                                                                    | 57 000*                                 | 40,3                    | 122,1                           | 28 500                                                                    | 67 300*                                 | 50,4                    | 127,1                           | 18 900                                                                    | 60 500*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 21,6                    | 107,4                           | 36 100                                                                    | 55 600*                                 | 37,0                    | 119,4                           | 26 900                                                                    | 64 800*                                 | 47,7                    | 125,2                           | 17 500                                                                    | 58 300*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 14,7                    | 100,7                           | 34 000                                                                    | 54 900*                                 | 33,4                    | 116,4                           | 25 200                                                                    | 62 400*                                 | 44,9                    | 123,2                           | 16 200                                                                    | 56 100*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 29,5                    | 113,0                           | 23 700                                                                    | 60 100*                                 | 41,9                    | 121,0                           | 15 000                                                                    | 54 000*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         | 24,9                    | 108,8                           | 22 100                                                                    | 58 000*                                 | 38,8                    | 118,5                           | 13 800                                                                    | 52 100*                                 | 48,9                    | 123,1                           | 5 400                                                                     | 46 200*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 19,3                    | 103,5                           | 20 700                                                                    | 55 900*                                 | 35,4                    | 115,7                           | 12 600                                                                    | 50 200*                                 | 46,1                    | 121,2                           | 4 600                                                                     | 44 400*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,5                    | 108,8                           | 10 500                                                                    | 46 700*                                 | 40,2                    | 116,7                           | 2 900                                                                     | 40 900*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,1                    | 98,0                            | 8 300                                                                     | 43 300*                                 | 33,3                    | 111,0                           | 1 300                                                                     | 37 700*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,8                    | 103,4                           |                                                                           | 34 700*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 10,5                    | 89,6                            |                                                                           | 31 700*                                 | 96,0                           |



# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

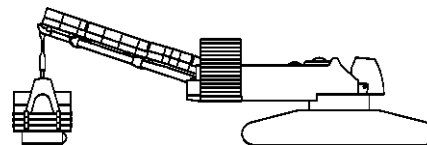
212 190 kg Hanging Counterweight

at 18m Position

360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



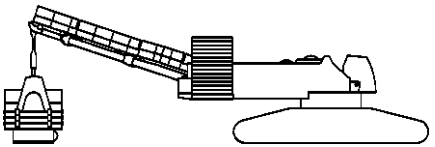
## 85,3m (280 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 59,0                    | 141,6                           | 61 500                                                                    | 73 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 51,8                           |
| 52,0                           | 58,8                    | 141,5                           | 61 100                                                                    | 73 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 56,7                    | 140,1                           | 57 600                                                                    | 71 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 54,5                    | 138,7                           | 54 300                                                                    | 68 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 52,2                    | 137,1                           | 51 300                                                                    | 66 500*                                 | 60,1                    | 140,5                           | 38 800                                                                    | 79 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 49,8                    | 135,4                           | 48 400                                                                    | 64 300*                                 | 58,0                    | 139,3                           | 36 400                                                                    | 78 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 47,4                    | 133,6                           | 45 800                                                                    | 62 000*                                 | 55,9                    | 137,9                           | 34 200                                                                    | 77 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 44,9                    | 131,6                           | 43 300                                                                    | 59 800*                                 | 53,6                    | 136,4                           | 32 100                                                                    | 73 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 42,2                    | 129,4                           | 41 000                                                                    | 57 700*                                 | 51,3                    | 134,8                           | 30 100                                                                    | 71 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 39,4                    | 126,9                           | 38 800                                                                    | 55 600*                                 | 49,0                    | 133,1                           | 28 300                                                                    | 68 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 36,4                    | 124,3                           | 36 700                                                                    | 53 700*                                 | 46,5                    | 131,1                           | 26 500                                                                    | 65 700*                                 | 54,8                    | 134,9                           | 16 600                                                                    | 58 800*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 33,1                    | 121,2                           | 34 700                                                                    | 51 800*                                 | 43,9                    | 129,1                           | 24 900                                                                    | 63 300*                                 | 52,6                    | 133,4                           | 15 300                                                                    | 56 500*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 29,6                    | 117,8                           | 32 800                                                                    | 50 200*                                 | 41,2                    | 126,8                           | 23 300                                                                    | 60 900*                                 | 50,3                    | 131,7                           | 14 000                                                                    | 54 300*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 25,5                    | 113,7                           | 31 000                                                                    | 48 800*                                 | 38,3                    | 124,3                           | 21 800                                                                    | 58 700*                                 | 47,8                    | 129,9                           | 12 800                                                                    | 52 300*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           | 20,7                    | 108,7                           | 29 200                                                                    | 47 800*                                 | 35,2                    | 121,5                           | 20 400                                                                    | 56 600*                                 | 45,3                    | 127,9                           | 11 600                                                                    | 50 400*                                 |                         |                                 |                                                                           |                                         | 78,0                           |
| 80,0                           | 14,3                    | 101,8                           | 27 400                                                                    | 47 300*                                 | 31,9                    | 118,3                           | 19 000                                                                    | 54 500*                                 | 42,7                    | 125,7                           | 10 500                                                                    | 48 500*                                 | 51,3                    | 129,4                           | 2 200                                                                     | 42 000*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         | 23,8                    | 110,3                           | 16 400                                                                    | 50 700*                                 | 36,9                    | 120,7                           | 8 500                                                                     | 45 100*                                 | 46,4                    | 125,8                           | 600                                                                       | 38 600*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         | 10,9                    | 96,4                            | 13 800                                                                    | 47 100*                                 | 30,2                    | 114,3                           | 6 600                                                                     | 41 900*                                 | 41,1                    | 121,4                           |                                                                           | 35 500*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,6                    | 105,6                           | 4 700                                                                     | 39 000*                                 | 35,1                    | 116,1                           |                                                                           | 32 600*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 28,0                    | 109,2                           |                                                                           | 29 900*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,4                    | 99,2                            |                                                                           | 27 300*                                 | 100,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 85,3m (280 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 54,9                           | 59,1                    | 146,9                           | 54 700                                                                    | 65 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 54,9                           |
| 56,0                           | 58,0                    | 146,1                           | 52 900                                                                    | 64 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 56,0                           |
| 58,0                           | 56,0                    | 144,8                           | 49 900                                                                    | 62 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 58,0                           |
| 60,0                           | 54,0                    | 143,3                           | 47 100                                                                    | 60 400*                                 | 61,1                    | 146,4                           | 34 800                                                                    | 69 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 60,0                           |
| 62,0                           | 51,9                    | 141,7                           | 44 400                                                                    | 58 500*                                 | 59,2                    | 145,2                           | 32 600                                                                    | 69 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 49,8                    | 140,0                           | 42 000                                                                    | 56 600*                                 | 57,3                    | 143,9                           | 30 500                                                                    | 69 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 47,5                    | 138,2                           | 39 600                                                                    | 54 700*                                 | 55,3                    | 142,5                           | 28 600                                                                    | 69 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 45,2                    | 136,2                           | 37 500                                                                    | 52 800*                                 | 53,2                    | 141,0                           | 26 800                                                                    | 67 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 42,8                    | 134,1                           | 35 400                                                                    | 51 000*                                 | 51,1                    | 139,4                           | 25 000                                                                    | 64 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 40,3                    | 131,7                           | 33 500                                                                    | 49 300*                                 | 49,0                    | 137,7                           | 23 400                                                                    | 62 100*                                 | 56,4                    | 140,9                           | 13 600                                                                    | 55 200*                                 |                         |                                 |                                         | 72,0                           |
| 74,0                           | 37,7                    | 129,1                           | 31 600                                                                    | 47 600*                                 | 46,7                    | 135,8                           | 21 900                                                                    | 59 800*                                 | 54,3                    | 139,5                           | 12 300                                                                    | 53 100*                                 |                         |                                 |                                         | 74,0                           |
| 76,0                           | 34,8                    | 126,3                           | 29 800                                                                    | 46 100*                                 | 44,4                    | 133,7                           | 20 400                                                                    | 57 600*                                 | 52,3                    | 137,9                           | 11 100                                                                    | 51 000*                                 |                         |                                 |                                         | 76,0                           |
| 78,0                           | 31,7                    | 123,1                           | 28 200                                                                    | 44 700*                                 | 41,9                    | 131,5                           | 19 000                                                                    | 55 500*                                 | 50,1                    | 136,3                           | 10 000                                                                    | 49 100*                                 |                         |                                 |                                         | 78,0                           |
| 80,0                           | 28,3                    | 119,4                           | 26 600                                                                    | 43 300*                                 | 39,4                    | 129,1                           | 17 700                                                                    | 53 500*                                 | 47,9                    | 134,5                           | 8 900                                                                     | 47 300*                                 |                         |                                 |                                         | 80,0                           |
| 84,0                           | 19,9                    | 110,0                           | 23 400                                                                    | 41 400*                                 | 33,7                    | 123,4                           | 15 200                                                                    | 49 700*                                 | 43,3                    | 130,4                           | 7 000                                                                     | 43 900*                                 | 51,1                    | 134,1                           | 36 800*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         | 27,0                    | 116,2                           | 12 900                                                                    | 46 300*                                 | 38,1                    | 125,5                           | 5 100                                                                     | 40 800*                                 | 46,6                    | 130,4                           | 33 800*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         | 18,0                    | 106,0                           | 10 700                                                                    | 43 100*                                 | 32,3                    | 119,6                           | 3 400                                                                     | 37 700*                                 | 41,8                    | 126,1                           | 30 900*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,2                    | 111,9                           | 1 800                                                                     | 34 700*                                 | 36,5                    | 121,0                           | 28 300*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,1                    | 100,3                           |                                                                           | 31 800*                                 | 30,4                    | 114,7                           | 25 900*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,8                    | 106,2                           | 23 500*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 10,5                    | 91,7                            | 21 200*                                 | 108,0                          |

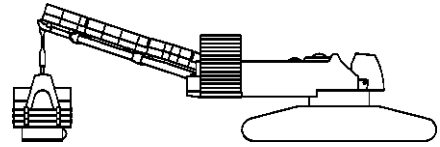


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



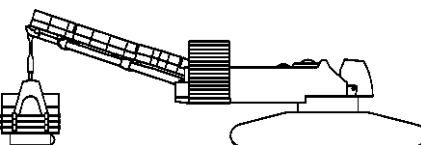
## 85,3m (280 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |       |                                |
| 57,9                           | 59,2                    | 152,1                           | 48 100                                                                    | 57 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 57,9  |                                |
| 58,0                           | 59,1                    | 152,1                           | 48 000                                                                    | 57 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 58,0  |                                |
| 60,0                           | 57,3                    | 150,8                           | 45 200                                                                    | 56 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 60,0  |                                |
| 62,0                           | 55,5                    | 149,4                           | 42 500                                                                    | 54 400*                                 | 61,9                    | 152,3                           | 30 400                                                                    | 61 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 62,0  |                                |
| 64,0                           | 53,6                    | 147,9                           | 40 100                                                                    | 52 900*                                 | 60,2                    | 151,1                           | 28 300                                                                    | 61 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 64,0  |                                |
| 66,0                           | 51,7                    | 146,3                           | 37 800                                                                    | 51 300*                                 | 58,4                    | 149,9                           | 26 400                                                                    | 61 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 66,0  |                                |
| 68,0                           | 49,7                    | 144,6                           | 35 600                                                                    | 49 700*                                 | 56,6                    | 148,6                           | 24 600                                                                    | 61 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 68,0  |                                |
| 70,0                           | 47,7                    | 142,8                           | 33 600                                                                    | 48 200*                                 | 54,8                    | 147,2                           | 22 900                                                                    | 60 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 70,0  |                                |
| 72,0                           | 45,6                    | 140,9                           | 31 700                                                                    | 46 600*                                 | 52,9                    | 145,6                           | 21 300                                                                    | 59 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 72,0  |                                |
| 74,0                           | 43,4                    | 138,7                           | 29 900                                                                    | 45 100*                                 | 51,0                    | 144,0                           | 19 800                                                                    | 58 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 74,0  |                                |
| 76,0                           | 41,1                    | 136,4                           | 28 100                                                                    | 43 600*                                 | 49,0                    | 142,3                           | 18 400                                                                    | 56 000*                                 | 55,8                    | 145,6                           | 8 900                                                                     | 49 300*                                 |                         |                                 |                                         | 76,0  |                                |
| 78,0                           | 38,7                    | 133,9                           | 26 500                                                                    | 42 200*                                 | 46,9                    | 140,4                           | 17 000                                                                    | 53 900*                                 | 53,9                    | 144,1                           | 7 700                                                                     | 47 400*                                 |                         |                                 |                                         | 78,0  |                                |
| 80,0                           | 36,1                    | 131,2                           | 24 900                                                                    | 40 800*                                 | 44,8                    | 138,4                           | 15 700                                                                    | 51 900*                                 | 52,0                    | 142,6                           | 6 700                                                                     | 45 600*                                 |                         |                                 |                                         | 80,0  |                                |
| 84,0                           | 30,5                    | 124,9                           | 22 000                                                                    | 38 500*                                 | 40,2                    | 133,8                           | 13 300                                                                    | 48 200*                                 | 48,0                    | 139,1                           | 4 800                                                                     | 42 100*                                 |                         |                                 |                                         | 84,0  |                                |
| 88,0                           | 23,6                    | 116,7                           | 19 200                                                                    | 36 600*                                 | 35,2                    | 128,4                           | 11 100                                                                    | 44 900*                                 | 43,8                    | 135,0                           | 3 000                                                                     | 38 700*                                 | 50,9                    | 138,6                           | 31 300*                                 | 88,0  |                                |
| 92,0                           | 13,6                    | 104,0                           | 16 600                                                                    | 35 400*                                 | 29,3                    | 121,8                           | 9 000                                                                     | 41 800*                                 | 39,1                    | 130,3                           | 1 400                                                                     | 35 500*                                 | 46,8                    | 135,0                           | 28 600*                                 | 92,0  |                                |
| 96,0                           |                         |                                 |                                                                           |                                         | 22,1                    | 113,1                           | 7 000                                                                     | 38 900*                                 | 33,9                    | 124,7                           |                                                                           | 32 700*                                 | 42,5                    | 130,8                           | 26 000*                                 | 96,0  |                                |
| 100,0                          |                         |                                 |                                                                           |                                         | 10,7                    | 98,5                            | 5 000                                                                     | 36 100*                                 | 27,9                    | 117,7                           |                                                                           | 30 000*                                 | 37,7                    | 125,9                           | 23 600*                                 | 100,0 |                                |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,1                    | 108,2                           |                                                                           | 27 400*                                 | 32,3                    | 119,9                           | 21 400*                                 | 104,0 |                                |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,9                    | 112,4                           | 19 300*                                 | 108,0 |                                |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,3                    | 101,7                           | 17 300*                                 | 112,0 |                                |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 85,3m (280 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

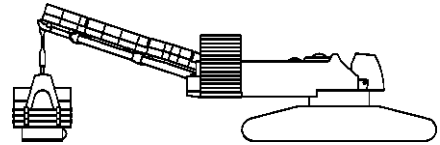
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 61,0                           | 59,2                    | 157,4                           | 42 400                                                                    | 51 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 61,0                           |
| 62,0                           | 58,4                    | 156,8                           | 41 100                                                                    | 50 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 62,0                           |
| 64,0                           | 56,7                    | 155,4                           | 38 700                                                                    | 49 100*                                 | 62,6                    | 158,1                           | 26 700                                                                    | 53 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 64,0                           |
| 66,0                           | 55,0                    | 154,0                           | 36 300                                                                    | 47 800*                                 | 61,0                    | 157,0                           | 24 800                                                                    | 53 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 53,3                    | 152,5                           | 34 200                                                                    | 46 500*                                 | 59,4                    | 155,9                           | 23 000                                                                    | 53 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 51,5                    | 150,9                           | 32 200                                                                    | 45 200*                                 | 57,8                    | 154,6                           | 21 300                                                                    | 53 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 49,7                    | 149,2                           | 30 300                                                                    | 43 800*                                 | 56,1                    | 153,2                           | 19 800                                                                    | 53 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 72,0                           |
| 74,0                           | 47,8                    | 147,4                           | 28 400                                                                    | 42 500*                                 | 54,4                    | 151,8                           | 18 200                                                                    | 53 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 74,0                           |
| 76,0                           | 45,8                    | 145,5                           | 26 700                                                                    | 41 200*                                 | 52,6                    | 150,2                           | 16 800                                                                    | 52 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 76,0                           |
| 78,0                           | 43,8                    | 143,4                           | 25 100                                                                    | 39 900*                                 | 50,8                    | 148,6                           | 15 500                                                                    | 51 700*                                 | 57,0                    | 151,6                           | 6 100                                                                     | 45 900*                                 |                         |                                 |                                         | 78,0                           |
| 80,0                           | 41,7                    | 141,1                           | 23 600                                                                    | 38 700*                                 | 49,0                    | 146,9                           | 14 200                                                                    | 50 500*                                 | 55,3                    | 150,2                           | 5 000                                                                     | 44 000*                                 |                         |                                 |                                         | 80,0                           |
| 84,0                           | 37,2                    | 136,1                           | 20 600                                                                    | 36 400*                                 | 45,1                    | 143,0                           | 11 800                                                                    | 47 100*                                 | 51,8                    | 147,2                           | 3 100                                                                     | 40 300*                                 |                         |                                 |                                         | 84,0                           |
| 88,0                           | 32,2                    | 130,1                           | 18 000                                                                    | 34 300*                                 | 40,9                    | 138,6                           | 9 600                                                                     | 43 800*                                 | 48,1                    | 143,7                           | 1 400                                                                     | 37 000*                                 |                         |                                 |                                         | 88,0                           |
| 92,0                           | 26,3                    | 122,7                           | 15 500                                                                    | 32 500*                                 | 36,4                    | 133,4                           | 7 600                                                                     | 40 700*                                 | 44,2                    | 139,7                           |                                                                           | 33 900*                                 | 50,8                    | 143,2                           | 26 800*                                 | 92,0                           |
| 96,0                           | 18,8                    | 112,5                           | 13 200                                                                    | 31 200*                                 | 31,2                    | 127,2                           | 5 800                                                                     | 37 900*                                 | 39,9                    | 135,1                           |                                                                           | 31 100*                                 | 47,0                    | 139,6                           | 24 300*                                 | 96,0                           |
| 100,0                          |                         |                                 |                                                                           |                                         | 25,1                    | 119,3                           | 4 000                                                                     | 34 400*                                 | 35,2                    | 129,7                           |                                                                           | 28 500*                                 | 43,0                    | 135,5                           | 22 000*                                 | 100,0                          |
| 104,0                          |                         |                                 |                                                                           |                                         | 17,0                    | 108,4                           | 2 200                                                                     | 31 100*                                 | 29,9                    | 123,2                           |                                                                           | 26 000*                                 | 38,6                    | 130,7                           | 19 800*                                 | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,5                    | 114,9                           |                                                                           | 23 700*                                 | 33,8                    | 125,0                           | 17 700*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,5                    | 102,5                           |                                                                           | 21 400*                                 | 28,2                    | 118,1                           | 15 800*                                 | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,3                    | 109,0                           | 14 000*                                 | 116,0                          |
| 120,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 10,4                    | 93,9                            | 12 100*                                 | 120,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 85,3m (280 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |  |                                |
| 62,5                           | 60,4                    | 163,6                           | 38 500                                                                    | 45 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 62,5                           |
| 64,0                           | 59,3                    | 162,7                           | 36 700                                                                    | 44 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 64,0                           |
| 66,0                           | 57,8                    | 161,4                           | 34 400                                                                    | 43 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 66,0                           |
| 68,0                           | 56,2                    | 160,1                           | 32 300                                                                    | 42 800*                                 | 61,7                    | 162,9                           | 20 800                                                                    | 46 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 68,0                           |
| 70,0                           | 54,6                    | 158,7                           | 30 300                                                                    | 41 800*                                 | 60,2                    | 161,8                           | 19 200                                                                    | 46 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 70,0                           |
| 72,0                           | 53,0                    | 157,1                           | 28 400                                                                    | 40 700*                                 | 58,7                    | 160,5                           | 17 600                                                                    | 46 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 72,0                           |
| 74,0                           | 51,3                    | 155,5                           | 26 600                                                                    | 39 600*                                 | 57,2                    | 159,2                           | 16 100                                                                    | 46 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 74,0                           |
| 76,0                           | 49,6                    | 153,8                           | 24 900                                                                    | 38 500*                                 | 55,6                    | 157,9                           | 14 700                                                                    | 46 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 76,0                           |
| 78,0                           | 47,9                    | 152,0                           | 23 300                                                                    | 37 400*                                 | 54,0                    | 156,4                           | 13 400                                                                    | 46 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 78,0                           |
| 80,0                           | 46,1                    | 150,1                           | 21 700                                                                    | 36 300*                                 | 52,4                    | 154,9                           | 12 100                                                                    | 46 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         |  | 80,0                           |
| 84,0                           | 42,3                    | 145,8                           | 18 900                                                                    | 34 100*                                 | 49,0                    | 151,5                           | 9 800                                                                     | 42 700*                                 | 54,9                    | 154,9                           | 900                                                                       | 38 000*                                 |                         |                                 |                                         |  | 84,0                           |
| 88,0                           | 38,2                    | 140,9                           | 16 300                                                                    | 31 700*                                 | 45,4                    | 147,6                           | 7 600                                                                     | 38 900*                                 | 51,6                    | 151,8                           |                                                                           | 34 700*                                 |                         |                                 |                                         |  | 88,0                           |
| 92,0                           | 33,6                    | 135,2                           | 13 900                                                                    | 28 200*                                 | 41,5                    | 143,3                           | 5 700                                                                     | 35 100*                                 | 48,2                    | 148,3                           |                                                                           | 31 700*                                 |                         |                                 |                                         |  | 92,0                           |
| 96,0                           | 28,5                    | 128,3                           | 11 700                                                                    | 24 900*                                 | 37,4                    | 138,2                           | 3 900                                                                     | 31 400*                                 | 44,5                    | 144,3                           |                                                                           | 28 900*                                 | 50,6                    | 147,9                           | 21 900*                                 |  | 96,0                           |
| 100,0                          | 22,2                    | 119,5                           | 9 600                                                                     | 21 800*                                 | 32,7                    | 132,3                           | 2 200                                                                     | 28 000*                                 | 40,6                    | 139,8                           |                                                                           | 26 300*                                 | 47,1                    | 144,2                           | 19 600*                                 |  | 100,0                          |
| 104,0                          | 13,2                    | 106,2                           | 7 500                                                                     | 19 000*                                 | 27,4                    | 125,2                           | 600                                                                       | 24 700*                                 | 36,4                    | 134,6                           |                                                                           | 23 900*                                 | 43,4                    | 140,1                           | 17 500*                                 |  | 104,0                          |
| 108,0                          |                         |                                 |                                                                           |                                         | 20,8                    | 115,8                           |                                                                           | 21 600*                                 | 31,6                    | 128,5                           |                                                                           | 21 700*                                 | 39,4                    | 135,4                           | 15 500*                                 |  | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         | 10,7                    | 100,7                           |                                                                           | 18 900*                                 | 26,1                    | 120,9                           |                                                                           | 19 600*                                 | 35,1                    | 130,0                           | 13 700*                                 |  | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,0                    | 110,8                           |                                                                           | 17 500*                                 | 30,1                    | 123,5                           | 11 900*                                 |  | 116,0                          |
| 120,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,2                    | 115,4                           | 10 200*                                 |  | 120,0                          |
| 124,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,4                    | 104,0                           | 8 600*                                  |  | 124,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

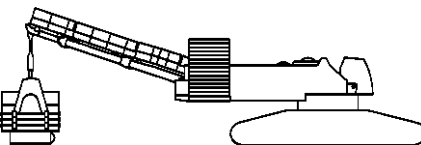
145 150 kg Carbody Counterweight

212 190 kg Hanging Counterweight

at 18m Position

360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 85,3m (280 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 70 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 | Luffing<br>Jib<br>Capacity<br>Kilograms |                                |
| 65,5                           | 60,4                    | 168,9                           | 33 400                                                                    | 39 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 65,5                           |
| 66,0                           | 60,1                    | 168,6                           | 32 900                                                                    | 39 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 66,0                           |
| 68,0                           | 58,7                    | 167,4                           | 30 800                                                                    | 38 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 68,0                           |
| 70,0                           | 57,2                    | 166,1                           | 28 800                                                                    | 38 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 70,0                           |
| 72,0                           | 55,7                    | 164,7                           | 26 900                                                                    | 37 200*                                 | 61,0                    | 167,6                           | 16 000                                                                    | 40 000*                                 |                         |                                 |                                         | 72,0                           |
| 74,0                           | 54,2                    | 163,3                           | 25 100                                                                    | 36 000*                                 | 59,6                    | 166,5                           | 14 500                                                                    | 40 000*                                 |                         |                                 |                                         | 74,0                           |
| 76,0                           | 52,7                    | 161,8                           | 23 400                                                                    | 34 200*                                 | 58,1                    | 165,2                           | 13 100                                                                    | 40 000*                                 |                         |                                 |                                         | 76,0                           |
| 78,0                           | 51,2                    | 160,1                           | 21 800                                                                    | 32 400*                                 | 56,7                    | 163,9                           | 11 700                                                                    | 38 800*                                 |                         |                                 |                                         | 78,0                           |
| 80,0                           | 49,6                    | 158,4                           | 20 300                                                                    | 30 700*                                 | 55,2                    | 162,5                           | 10 500                                                                    | 37 100*                                 |                         |                                 |                                         | 80,0                           |
| 84,0                           | 46,3                    | 154,7                           | 17 500                                                                    | 27 300*                                 | 52,1                    | 159,4                           | 8 200                                                                     | 33 700*                                 | 57,5                    | 162,3                           | 36 200*                                 | 84,0                           |
| 88,0                           | 42,7                    | 150,5                           | 14 900                                                                    | 24 100*                                 | 49,0                    | 156,1                           | 6 100                                                                     | 30 300*                                 | 54,5                    | 159,5                           | 33 000*                                 | 88,0                           |
| 92,0                           | 39,0                    | 145,7                           | 12 500                                                                    | 21 000*                                 | 45,6                    | 152,2                           | 4 100                                                                     | 27 000*                                 | 51,4                    | 156,4                           | 29 900*                                 | 92,0                           |
| 96,0                           | 34,8                    | 140,2                           | 10 300                                                                    | 18 100*                                 | 42,1                    | 147,9                           | 2 400                                                                     | 23 800*                                 | 48,2                    | 152,9                           | 27 200*                                 | 96,0                           |
| 100,0                          | 30,2                    | 133,7                           | 8 300                                                                     | 15 300*                                 | 38,2                    | 143,1                           | 700                                                                       | 20 700*                                 | 44,8                    | 149,0                           | 24 600*                                 | 100,0                          |
| 104,0                          | 24,8                    | 125,7                           | 6 400                                                                     | 12 700*                                 | 34,0                    | 137,4                           |                                                                           | 17 800*                                 | 41,2                    | 144,5                           | 22 300*                                 | 104,0                          |
| 108,0                          | 17,8                    | 115,0                           | 4 600                                                                     | 10 300*                                 | 29,3                    | 130,7                           |                                                                           | 15 000*                                 | 37,3                    | 139,5                           | 20 100*                                 | 108,0                          |
| 112,0                          |                         |                                 |                                                                           |                                         | 23,7                    | 122,3                           |                                                                           | 12 400*                                 | 33,0                    | 133,6                           | 17 300*                                 | 112,0                          |
| 116,0                          |                         |                                 |                                                                           |                                         | 16,2                    | 110,7                           |                                                                           | 10 100*                                 | 28,1                    | 126,6                           | 14 500*                                 | 116,0                          |
| 120,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,2                    | 117,7                           | 12 000*                                 | 120,0                          |
| 124,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,9                    | 104,7                           | 9 700*                                  | 124,0                          |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

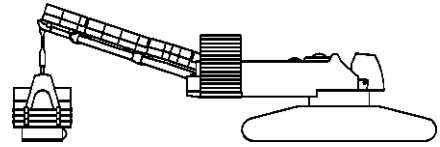
212 190 kg Hanging Counterweight

at 18m Position

360 Degree Rating

Meets  
ANSI B30.5  
Requirements

18000 With  
21000 MAX-ER



## 91,4m (300 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 56,4                    | 115,5                           | 115 000                                                                   | 140 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,1                           |
| 36,0                           | 53,9                    | 114,8                           | 111 100                                                                   | 138 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,0                           |
| 38,0                           | 48,3                    | 113,0                           | 103 400                                                                   | 132 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,0                           |
| 40,0                           | 42,1                    | 110,8                           | 96 400                                                                    | 127 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 34,9                    | 108,0                           | 90 100                                                                    | 122 400*                                | 58,6                    | 114,3                           | 73 800                                                                    | 129 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 25,8                    | 104,1                           | 84 200                                                                    | 118 500*                                | 53,3                    | 112,8                           | 69 100                                                                    | 122 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           |                         |                                 |                                                                           |                                         | 47,7                    | 110,9                           | 64 800                                                                    | 116 600*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           |                         |                                 |                                                                           |                                         | 41,4                    | 108,7                           | 60 700                                                                    | 111 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           |                         |                                 |                                                                           |                                         | 34,0                    | 105,8                           | 57 000                                                                    | 105 800*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         | 24,6                    | 101,7                           | 53 400                                                                    | 100 900*                                | 52,2                    | 109,9                           | 41 100                                                                    | 92 600*                                 |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,4                    | 108,0                           | 38 500                                                                    | 88 500*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                    | 105,6                           | 36 100                                                                    | 84 700*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 32,3                    | 102,6                           | 33 700                                                                    | 81 100*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,1                    | 98,1                            | 31 400                                                                    | 77 600*                                 | 50,4                    | 106,2                           | 21 300                                                                    | 70 600*                                 | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,4                    | 104,1                           | 19 700                                                                    | 67 600*                                 | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 37,6                    | 101,6                           | 18 100                                                                    | 64 900*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,4                    | 98,1                            | 16 600                                                                    | 62 200*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,3                    | 92,7                            | 14 900                                                                    | 59 500*                                 | 68,0                           |

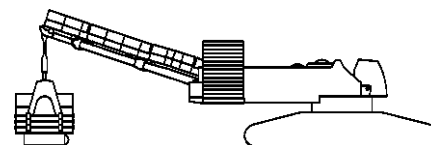
Capacities indicated by (b) require  
9 530 kg minimum weight suspended  
beneath luffing jib point.

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

**18000 With  
21000 MAX-ER**



## 91,4m (300 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

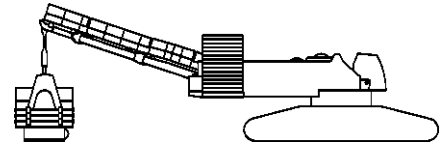
| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 75 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 57,1                    | 120,8                           | 102 300                                                                   | 122 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,1                           |
| 40,0                           | 53,0                    | 119,4                           | 95 900                                                                    | 118 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                           |
| 42,0                           | 48,4                    | 117,6                           | 89 800                                                                    | 113 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 43,5                    | 115,5                           | 84 200                                                                    | 109 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 38,0                    | 112,9                           | 79 100                                                                    | 104 700*                                | 56,9                    | 118,9                           | 63 700                                                                    | 115 700*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 31,5                    | 109,8                           | 74 400                                                                    | 100 900*                                | 52,5                    | 117,3                           | 59 800                                                                    | 110 200*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 23,5                    | 105,5                           | 69 900                                                                    | 98 000*                                 | 47,9                    | 115,5                           | 56 300                                                                    | 105 100*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           |                         |                                 |                                                                           |                                         | 42,9                    | 113,4                           | 52 900                                                                    | 100 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           |                         |                                 |                                                                           |                                         | 37,3                    | 110,8                           | 49 800                                                                    | 96 000*                                 | 56,0                    | 116,1                           | 37 300                                                                    | 87 500*                                 |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           |                         |                                 |                                                                           |                                         | 30,8                    | 107,5                           | 46 900                                                                    | 91 900*                                 | 51,6                    | 114,5                           | 34 900                                                                    | 83 700*                                 |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 22,4                    | 103,1                           | 44 000                                                                    | 88 000*                                 | 46,9                    | 112,6                           | 32 800                                                                    | 80 200*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 41,8                    | 110,4                           | 30 700                                                                    | 77 000*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,1                    | 107,7                           | 28 800                                                                    | 73 900*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,2                    | 104,2                           | 26 900                                                                    | 70 900*                                 | 50,1                    | 110,7                           | 16 900                                                                    | 63 900*                                 | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,2                    | 99,3                            | 25 000                                                                    | 68 000*                                 | 45,3                    | 108,8                           | 15 600                                                                    | 61 300*                                 | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 40,0                    | 106,4                           | 14 300                                                                    | 58 900*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,0                    | 103,5                           | 13 000                                                                    | 56 600*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,6                    | 99,7                            | 11 800                                                                    | 54 400*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 16,0                    | 93,8                            | 10 400                                                                    | 52 200*                                 | 74,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



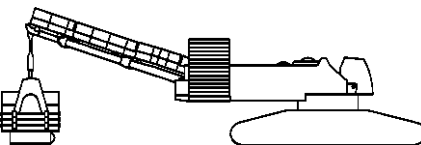
## 91,4m (300 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 57,6                    | 126,1                           | 90 600                                                                    | 107 000*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 41,1                           |
| 42,0                           | 56,1                    | 125,5                           | 88 100                                                                    | 105 300*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 42,0                           |
| 44,0                           | 52,4                    | 124,0                           | 82 600                                                                    | 101 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 44,0                           |
| 46,0                           | 48,5                    | 122,2                           | 77 600                                                                    | 97 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 44,4                    | 120,1                           | 73 000                                                                    | 93 800*                                 | 59,2                    | 124,9                           | 57 700                                                                    | 108 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 39,9                    | 117,8                           | 68 800                                                                    | 90 100*                                 | 55,7                    | 123,5                           | 54 200                                                                    | 103 400*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 34,9                    | 114,9                           | 64 900                                                                    | 86 700*                                 | 52,0                    | 121,9                           | 51 000                                                                    | 98 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 29,1                    | 111,4                           | 61 200                                                                    | 83 800*                                 | 48,1                    | 120,1                           | 48 000                                                                    | 94 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 21,8                    | 106,8                           | 57 700                                                                    | 81 700*                                 | 43,9                    | 118,1                           | 45 200                                                                    | 90 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           |                         |                                 |                                                                           |                                         | 39,4                    | 115,6                           | 42 600                                                                    | 86 700*                                 | 54,9                    | 120,7                           | 30 500                                                                    | 78 400*                                 |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           |                         |                                 |                                                                           |                                         | 34,3                    | 112,7                           | 40 100                                                                    | 83 200*                                 | 51,2                    | 119,1                           | 28 500                                                                    | 75 200*                                 |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           |                         |                                 |                                                                           |                                         | 28,4                    | 109,2                           | 37 800                                                                    | 79 800*                                 | 47,3                    | 117,2                           | 26 700                                                                    | 72 200*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           |                         |                                 |                                                                           |                                         | 20,8                    | 104,3                           | 35 500                                                                    | 76 600*                                 | 43,0                    | 115,1                           | 25 000                                                                    | 69 400*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 38,4                    | 112,6                           | 23 300                                                                    | 66 600*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 33,2                    | 109,6                           | 21 700                                                                    | 64 100*                                 | 49,9                    | 115,3                           | 11 900                                                                    | 57 100*                                 | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,0                    | 105,8                           | 20 200                                                                    | 61 500*                                 | 45,9                    | 113,4                           | 10 800                                                                    | 54 900*                                 | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 18,9                    | 100,6                           | 18 600                                                                    | 59 100*                                 | 41,5                    | 111,2                           | 9 700                                                                     | 52 800*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 36,7                    | 108,5                           | 8 700                                                                     | 50 800*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 31,3                    | 105,3                           | 7 600                                                                     | 48 900*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 24,6                    | 101,2                           | 6 600                                                                     | 47 000*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,2                    | 94,9                            | 5 400                                                                     | 45 100*                                 | 80,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 91,4m (300 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 45,7                           | 55,6                    | 130,4                           | 77 200                                                                    | 91 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 45,7                           |
| 46,0                           | 55,1                    | 130,1                           | 76 500                                                                    | 91 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 46,0                           |
| 48,0                           | 51,9                    | 128,6                           | 72 000                                                                    | 88 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,0                           |
| 50,0                           | 48,6                    | 126,8                           | 67 800                                                                    | 84 800*                                 | 60,8                    | 130,8                           | 52 700                                                                    | 101 500*                                |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 45,0                    | 124,8                           | 64 000                                                                    | 81 500*                                 | 57,9                    | 129,6                           | 49 600                                                                    | 97 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 41,3                    | 122,5                           | 60 400                                                                    | 78 400*                                 | 54,8                    | 128,1                           | 46 600                                                                    | 93 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 37,1                    | 119,9                           | 57 100                                                                    | 75 500*                                 | 51,6                    | 126,5                           | 43 900                                                                    | 89 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 32,5                    | 116,8                           | 54 000                                                                    | 72 900*                                 | 48,2                    | 124,7                           | 41 400                                                                    | 85 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 27,2                    | 113,1                           | 51 100                                                                    | 70 600*                                 | 44,6                    | 122,7                           | 39 000                                                                    | 82 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 20,5                    | 108,1                           | 48 200                                                                    | 69 100*                                 | 40,8                    | 120,4                           | 36 800                                                                    | 78 900*                                 | 54,1                    | 125,3                           | 25 200                                                                    | 71 000*                                 |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 9,4                     | 99,5                            | 45 300                                                                    | 68 900*                                 | 36,6                    | 117,7                           | 34 700                                                                    | 75 800*                                 | 50,9                    | 123,7                           | 23 500                                                                    | 68 200*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           |                         |                                 |                                                                           |                                         | 32,0                    | 114,6                           | 32 600                                                                    | 72 900*                                 | 47,5                    | 121,8                           | 22 000                                                                    | 65 600*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           |                         |                                 |                                                                           |                                         | 26,5                    | 110,7                           | 30 700                                                                    | 70 100*                                 | 43,9                    | 119,8                           | 20 500                                                                    | 63 000*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           |                         |                                 |                                                                           |                                         | 19,6                    | 105,6                           | 28 800                                                                    | 67 400*                                 | 40,0                    | 117,4                           | 19 000                                                                    | 60 600*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 35,7                    | 114,6                           | 17 700                                                                    | 58 300*                                 | 49,8                    | 119,9                           | 8 200                                                                     | 51 600*                                 | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,9                    | 111,4                           | 16 400                                                                    | 56 100*                                 | 46,3                    | 118,0                           | 7 200                                                                     | 49 700*                                 | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,3                    | 107,3                           | 15 000                                                                    | 54 000*                                 | 42,6                    | 115,9                           | 6 300                                                                     | 47 800*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,8                    | 101,7                           | 13 700                                                                    | 52 000*                                 | 38,6                    | 113,4                           | 5 400                                                                     | 46 000*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 34,2                    | 110,5                           | 4 500                                                                     | 44 300*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 23,1                    | 102,6                           | 2 700                                                                     | 40 700*                                 | 84,0                           |

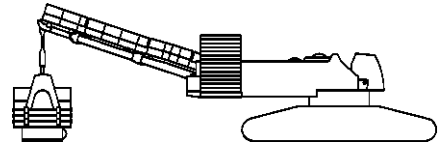


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42,7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 212 190 kg Hanging Counterweight  
 at 18m Position  
 360 Degree Rating

Meets  
 ANSI B30.5  
 Requirements

**18000 With  
 21000 MAX-ER**



## 91,4m (300 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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                           | 56,1                    | 135,7                           | 68 500                                                                    | 80 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 48,8                           |
| 50,0                           | 54,4                    | 134,8                           | 66 000                                                                    | 79 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 50,0                           |
| 52,0                           | 51,6                    | 133,2                           | 62 200                                                                    | 76 400*                                 | 62,1                    | 136,7                           | 47 300                                                                    | 89 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 52,0                           |
| 54,0                           | 48,6                    | 131,4                           | 58 700                                                                    | 73 700*                                 | 59,5                    | 135,5                           | 44 400                                                                    | 89 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 45,5                    | 129,4                           | 55 400                                                                    | 71 000*                                 | 56,9                    | 134,2                           | 41 800                                                                    | 87 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 42,3                    | 127,2                           | 52 400                                                                    | 68 400*                                 | 54,1                    | 132,8                           | 39 300                                                                    | 83 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 38,7                    | 124,7                           | 49 600                                                                    | 65 900*                                 | 51,3                    | 131,1                           | 37 000                                                                    | 80 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 34,9                    | 121,9                           | 46 900                                                                    | 63 600*                                 | 48,3                    | 129,4                           | 34 800                                                                    | 77 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 30,6                    | 118,6                           | 44 400                                                                    | 61 600*                                 | 45,2                    | 127,4                           | 32 700                                                                    | 74 300*                                 | 56,3                    | 131,4                           | 21 100                                                                    | 66 300*                                 |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 25,7                    | 114,6                           | 42 000                                                                    | 59 800*                                 | 41,9                    | 125,1                           | 30 800                                                                    | 71 400*                                 | 53,5                    | 129,9                           | 19 600                                                                    | 63 700*                                 |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 19,5                    | 109,4                           | 39 600                                                                    | 58 600*                                 | 38,3                    | 122,6                           | 28 900                                                                    | 68 700*                                 | 50,7                    | 128,3                           | 18 200                                                                    | 61 300*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 9,6                     | 100,6                           | 37 200                                                                    | 58 600*                                 | 34,4                    | 119,7                           | 27 200                                                                    | 66 100*                                 | 47,7                    | 126,4                           | 16 800                                                                    | 58 900*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           |                         |                                 |                                                                           |                                         | 30,1                    | 116,4                           | 25 500                                                                    | 63 700*                                 | 44,5                    | 124,4                           | 15 500                                                                    | 56 700*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           |                         |                                 |                                                                           |                                         | 25,1                    | 112,2                           | 23 900                                                                    | 61 300*                                 | 41,2                    | 122,1                           | 14 300                                                                    | 54 500*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           |                         |                                 |                                                                           |                                         | 18,7                    | 106,8                           | 22 300                                                                    | 59 000*                                 | 37,6                    | 119,6                           | 13 100                                                                    | 52 500*                                 | 49,7                    | 124,5                           | 3 800                                                                     | 45 500*                                 | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 33,6                    | 116,6                           | 11 900                                                                    | 50 600*                                 | 46,7                    | 122,7                           | 3 000                                                                     | 43 700*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 29,1                    | 113,1                           | 10 800                                                                    | 48 700*                                 | 43,4                    | 120,5                           | 2 200                                                                     | 41 900*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 17,0                    | 102,9                           | 8 600                                                                     | 45 100*                                 | 36,3                    | 115,5                           | 700                                                                       | 38 500*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,5                    | 108,6                           |                                                                           | 35 400*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 14,0                    | 97,1                            |                                                                           | 32 300*                                 | 92,0                           |

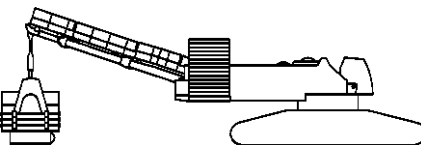
## 91,4m (300 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | 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 |                                |
| 53,3                           | 54,7                    | 139,9                           | 58 600                                                                    | 69 900*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 53,3                           |
| 54,0                           | 53,9                    | 139,4                           | 57 500                                                                    | 69 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 54,0                           |
| 56,0                           | 51,3                    | 137,8                           | 54 200                                                                    | 66 900*                                 | 60,8                    | 141,5                           | 40 200                                                                    | 79 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 56,0                           |
| 58,0                           | 48,7                    | 136,0                           | 51 200                                                                    | 64 600*                                 | 58,4                    | 140,2                           | 37 700                                                                    | 79 600*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 58,0                           |
| 60,0                           | 45,9                    | 134,1                           | 48 400                                                                    | 62 300*                                 | 56,0                    | 138,9                           | 35 400                                                                    | 78 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 60,0                           |
| 62,0                           | 43,0                    | 131,9                           | 45 800                                                                    | 60 100*                                 | 53,6                    | 137,4                           | 33 300                                                                    | 76 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 62,0                           |
| 64,0                           | 39,9                    | 129,5                           | 43 300                                                                    | 58 000*                                 | 51,0                    | 135,7                           | 31 300                                                                    | 73 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 64,0                           |
| 66,0                           | 36,6                    | 126,9                           | 41 000                                                                    | 56 000*                                 | 48,4                    | 133,9                           | 29 400                                                                    | 70 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 66,0                           |
| 68,0                           | 33,1                    | 123,8                           | 38 800                                                                    | 54 200*                                 | 45,6                    | 132,0                           | 27 600                                                                    | 67 600*                                 | 55,5                    | 136,1                           | 16 500                                                                    | 59 900*                                 |                         |                                 |                                                                           |                                         | 68,0                           |
| 70,0                           | 29,0                    | 120,3                           | 36 700                                                                    | 52 600*                                 | 42,7                    | 129,8                           | 25 900                                                                    | 65 100*                                 | 53,1                    | 134,5                           | 15 200                                                                    | 57 600*                                 |                         |                                 |                                                                           |                                         | 70,0                           |
| 72,0                           | 24,4                    | 116,1                           | 34 700                                                                    | 51 300*                                 | 39,6                    | 127,4                           | 24 300                                                                    | 62 600*                                 | 50,5                    | 132,9                           | 14 000                                                                    | 55 400*                                 |                         |                                 |                                                                           |                                         | 72,0                           |
| 74,0                           | 18,6                    | 110,6                           | 32 700                                                                    | 50 400*                                 | 36,3                    | 124,7                           | 22 800                                                                    | 60 400*                                 | 47,8                    | 131,1                           | 12 700                                                                    | 53 300*                                 |                         |                                 |                                                                           |                                         | 74,0                           |
| 76,0                           | 9,6                     | 101,7                           | 30 600                                                                    | 50 400*                                 | 32,6                    | 121,6                           | 21 300                                                                    | 58 200*                                 | 45,0                    | 129,1                           | 11 600                                                                    | 51 400*                                 |                         |                                 |                                                                           |                                         | 76,0                           |
| 78,0                           |                         |                                 |                                                                           |                                         | 28,6                    | 118,0                           | 19 900                                                                    | 56 000*                                 | 42,1                    | 126,8                           | 10 500                                                                    | 49 500*                                 | 52,2                    | 130,9                           | 1 300                                                                     | 41 900*                                 | 78,0                           |
| 80,0                           |                         |                                 |                                                                           |                                         | 23,8                    | 113,7                           | 18 500                                                                    | 54 000*                                 | 38,9                    | 124,4                           | 9 500                                                                     | 47 600*                                 | 49,6                    | 129,1                           | 500                                                                       | 40 200*                                 | 80,0                           |
| 84,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 31,8                    | 118,4                           | 7 500                                                                     | 44 300*                                 | 44,1                    | 125,2                           |                                                                           | 36 900*                                 | 84,0                           |
| 88,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 22,8                    | 110,2                           | 5 600                                                                     | 41 100*                                 | 37,9                    | 120,3                           |                                                                           | 33 900*                                 | 88,0                           |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 30,5                    | 114,1                           |                                                                           | 31 100*                                 | 92,0                           |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 20,9                    | 105,2                           |                                                                           | 28 400*                                 | 96,0                           |

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42,7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
212 190 kg Hanging Counterweight  
at 18m Position  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements



**18000 With  
21000 MAX-ER**

## 91,4m (300 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |       |                                |
| 56,4                           | 55,2                    | 145,2                           | 51 700                                                                    | 62 000*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 56,4  |                                |
| 58,0                           | 53,4                    | 144,0                           | 49 300                                                                    | 60 400*                                 | 61,8                    | 147,3                           | 35 500                                                                    | 70 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 58,0  |                                |
| 60,0                           | 51,1                    | 142,4                           | 46 500                                                                    | 58 500*                                 | 59,7                    | 146,2                           | 33 200                                                                    | 70 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 60,0  |                                |
| 62,0                           | 48,7                    | 140,6                           | 43 900                                                                    | 56 600*                                 | 57,6                    | 144,9                           | 31 100                                                                    | 70 300*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 62,0  |                                |
| 64,0                           | 46,2                    | 138,7                           | 41 600                                                                    | 54 700*                                 | 55,4                    | 143,5                           | 29 100                                                                    | 69 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 64,0  |                                |
| 66,0                           | 43,6                    | 136,6                           | 39 300                                                                    | 52 800*                                 | 53,2                    | 142,0                           | 27 200                                                                    | 67 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 66,0  |                                |
| 68,0                           | 40,9                    | 134,3                           | 37 100                                                                    | 51 000*                                 | 50,8                    | 140,3                           | 25 500                                                                    | 65 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 68,0  |                                |
| 70,0                           | 38,0                    | 131,7                           | 35 100                                                                    | 49 300*                                 | 48,4                    | 138,6                           | 23 800                                                                    | 63 500*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 70,0  |                                |
| 72,0                           | 34,9                    | 128,9                           | 33 100                                                                    | 47 700*                                 | 45,9                    | 136,6                           | 22 300                                                                    | 61 100*                                 | 54,9                    | 140,7                           | 11 600                                                                    | 53 600*                                 |                         |                                 |                                         | 72,0  |                                |
| 74,0                           | 31,5                    | 125,7                           | 31 300                                                                    | 46 300*                                 | 43,3                    | 134,5                           | 20 800                                                                    | 58 800*                                 | 52,7                    | 139,1                           | 10 400                                                                    | 51 500*                                 |                         |                                 |                                         | 74,0  |                                |
| 76,0                           | 27,7                    | 121,9                           | 29 500                                                                    | 45 000*                                 | 40,6                    | 132,2                           | 19 400                                                                    | 56 600*                                 | 50,4                    | 137,5                           | 9 400                                                                     | 49 600*                                 |                         |                                 |                                         | 76,0  |                                |
| 78,0                           | 23,4                    | 117,5                           | 27 800                                                                    | 44 000*                                 | 37,7                    | 129,6                           | 18 000                                                                    | 54 600*                                 | 47,9                    | 135,7                           | 8 300                                                                     | 47 700*                                 |                         |                                 |                                         | 78,0  |                                |
| 80,0                           | 18,0                    | 111,8                           | 26 100                                                                    | 43 300*                                 | 34,5                    | 126,7                           | 16 800                                                                    | 52 600*                                 | 45,4                    | 133,7                           | 7 300                                                                     | 45 900*                                 |                         |                                 |                                         | 80,0  |                                |
| 84,0                           |                         |                                 |                                                                           |                                         | 27,3                    | 119,7                           | 14 300                                                                    | 48 900*                                 | 40,0                    | 129,1                           | 5 400                                                                     | 42 600*                                 | 49,6                    | 133,7                           | 34 400*                                 | 84,0  |                                |
| 88,0                           |                         |                                 |                                                                           |                                         | 17,3                    | 109,2                           | 11 900                                                                    | 45 500*                                 | 33,9                    | 123,6                           | 3 700                                                                     | 39 200*                                 | 44,6                    | 129,8                           | 31 500*                                 | 88,0  |                                |
| 92,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 26,4                    | 116,3                           | 2 000                                                                     | 36 100*                                 | 39,1                    | 125,2                           | 28 800*                                 | 92,0  |                                |
| 96,0                           |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 15,9                    | 105,2                           | 400                                                                       | 33 100*                                 | 32,7                    | 119,4                           | 26 300*                                 | 96,0  |                                |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 25,0                    | 111,7                           | 23 900*                                 | 100,0 |                                |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 13,3                    | 99,3                            | 21 600*                                 | 104,0 |                                |

## 91,4m (300 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

| Jib<br>Oper.<br>Rad.<br>Meters | 80 Degree<br>Boom Angle |                                 |                                                                           |                                         | 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 | Jib<br>Ang.<br>Deg.     | Jib<br>Point<br>Elev.<br>Meters | Luffing<br>Jib<br>Capacity<br>Kilograms |       |                                |
| 59,4                           | 55,6                    | 150,5                           | 45 900                                                                    | 55 200*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 59,4  |                                |
| 60,0                           | 55,1                    | 150,1                           | 45 200                                                                    | 54 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 60,0  |                                |
| 62,0                           | 53,0                    | 148,6                           | 42 600                                                                    | 53 100*                                 | 60,7                    | 152,1                           | 29 500                                                                    | 62 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 62,0  |                                |
| 64,0                           | 50,9                    | 147,0                           | 40 100                                                                    | 51 400*                                 | 58,8                    | 150,9                           | 27 500                                                                    | 62 700*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 64,0  |                                |
| 66,0                           | 48,7                    | 145,2                           | 37 900                                                                    | 49 800*                                 | 56,9                    | 149,5                           | 25 700                                                                    | 62 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 66,0  |                                |
| 68,0                           | 46,5                    | 143,3                           | 35 800                                                                    | 48 200*                                 | 54,8                    | 148,1                           | 23 900                                                                    | 61 100*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 68,0  |                                |
| 70,0                           | 44,1                    | 141,2                           | 33 800                                                                    | 46 600*                                 | 52,8                    | 146,6                           | 22 300                                                                    | 59 800*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 70,0  |                                |
| 72,0                           | 41,7                    | 139,0                           | 31 900                                                                    | 45 100*                                 | 50,7                    | 144,9                           | 20 800                                                                    | 58 400*                                 |                         |                                 |                                                                           |                                         |                         |                                 |                                         | 72,0  |                                |
| 74,0                           | 39,1                    | 136,5                           | 30 100                                                                    | 43 700*                                 | 48,5                    | 143,2                           | 19 300                                                                    | 56 900*                                 | 56,4                    | 146,7                           | 8 700                                                                     | 50 200*                                 |                         |                                 |                                         | 74,0  |                                |
| 76,0                           | 36,3                    | 133,8                           | 28 300                                                                    | 42 300*                                 | 46,2                    | 141,2                           | 17 900                                                                    | 55 400*                                 | 54,4                    | 145,3                           | 7 700                                                                     | 48 300*                                 |                         |                                 |                                         | 76,0  |                                |
| 78,0                           | 33,4                    | 130,8                           | 26 700                                                                    | 41 000*                                 | 43,9                    | 139,2                           | 16 600                                                                    | 53 400*                                 | 52,4                    | 143,7                           | 6 600                                                                     | 46 400*                                 |                         |                                 |                                         | 78,0  |                                |
| 80,0                           | 30,2                    | 127,4                           | 25 100                                                                    | 39 800*                                 | 41,4                    | 136,9                           | 15 400                                                                    | 51 500*                                 | 50,2                    | 142,1                           | 5 700                                                                     | 44 500*                                 |                         |                                 |                                         | 80,0  |                                |
| 84,0                           | 22,5                    | 118,9                           | 22 200                                                                    | 38 000*                                 | 36,0                    | 131,7                           | 13 000                                                                    | 47 900*                                 | 45,7                    | 138,3                           | 3 800                                                                     | 40 900*                                 |                         |                                 |                                         | 84,0  |                                |
| 88,0                           | 9,7                     | 103,9                           | 19 200                                                                    | 37 700*                                 | 29,8                    | 125,2                           | 10 800                                                                    | 44 500*                                 | 40,9                    | 133,9                           | 2 200                                                                     | 37 700*                                 | 49,5                    | 138,3                           | 29 700*                                 | 88,0  |                                |
| 92,0                           |                         |                                 |                                                                           |                                         | 22,0                    | 116,5                           | 8 700                                                                     | 41 400*                                 | 35,4                    | 128,6                           | 600                                                                       | 34 600*                                 | 45,0                    | 134,5                           | 27 100*                                 | 92,0  |                                |
| 96,0                           |                         |                                 |                                                                           |                                         | 8,4                     | 100,5                           | 6 600                                                                     | 38 400*                                 | 29,1                    | 121,9                           |                                                                           | 31 800*                                 | 40,0                    | 129,9                           | 24 700*                                 | 96,0  |                                |
| 100,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 21,0                    | 112,9                           |                                                                           | 29 100*                                 | 34,5                    | 124,4                           | 22 400*                                 | 100,0 |                                |
| 104,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 27,9                    | 117,5                           | 20 300*                                 | 104,0 |                                |
| 108,0                          |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         |                         |                                 |                                                                           |                                         | 19,4                    | 107,8                           | 18 200*                                 | 108,0 |                                |