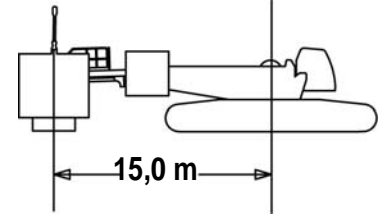


# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

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

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

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

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

**OPERATING CONDITIONS:** Machine to operate on a firm uniformly supporting surface with mast up and bearing turntable level within a tolerance of 13 mm in 3 m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. A13416**, Wire Rope Specification chart **No. 8771-A**, Counterweight Arrangement chart **No. 8682-A**, Luffing Jib Raising Procedure chart **No. 8761-B**, and Wind Conditions chart **No. 8688-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 with boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8762-B**.

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

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

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

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

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

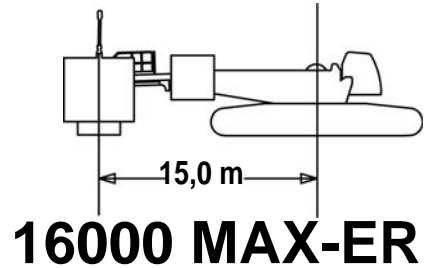
**WARNING:** Check amount of crane counterweight and hanging counterweight on machine before use of this chart. Refer to Operator's Manual for counterweight identification.

### Boom and/or Jib Catwalks Deduct

Deduct 550 kg from capacities when boom and/or jib catwalks are attached.

# Liftcrane Luffing Jib Capacities

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 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
 at 15,0 m Position  
 360 Degree Rating



42,0 m (137,8 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	67,2	66,2	158 300	179 300*b	19,8
20,0	66,7	66,1	156 600	178 500*b	20,0
22,0	61,3	65,0	139 800	170 900*b	22,0
24,0	55,6	63,7	126 200	160 600*	24,0
26,0	49,4	62,0	114 900	142 500*	26,0
28,0	42,6	60,0	105 200	125 200*	28,0
30,0	34,6	57,3	96 900	111 400*	30,0
32,0	24,3	53,5	89 600	99 900*	32,0
34,0					34,0
36,0					36,0
38,0					38,0
40,0					40,0
42,0					42,0
44,0					44,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

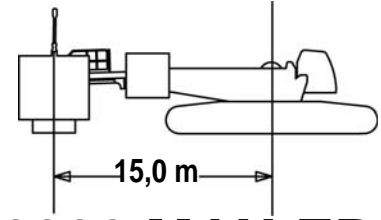
42,0 m (137,8 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0	60,2	63,9	109 800	157 400*b									26,0
28,0	54,4	62,5	100 600	145 900*									28,0
30,0	48,1	60,8	92 700	135 900*									30,0
32,0	41,1	58,6	85 800	122 600*	52,9	60,9	81 900	124 200*					32,0
34,0	32,8	55,8	79 800	109 300*	46,5	59,1	76 200	116 300*					34,0
36,0	21,6	51,5	74 300	98 100*	39,2	56,8	71 100	109 300*					36,0
38,0					30,4	53,7	66 500	103 000*	44,4	57,0	63 400	100 800*	38,0
40,0									36,7	54,5	59 500	95 300*	40,0
42,0									27,2	51,0	55 900	90 300*	42,0
44,0									11,1	44,6	52 500	85 400	44,0

REFERENCE ONLY!

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

42,0 m (137,8 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	65,7	71,3	133 600	154 700* <sup>b</sup>	22,9
24,0	63,3	70,8	126 200	151 300*	24,0
26,0	58,8	69,6	114 800	145 200*	26,0
28,0	54,2	68,2	105 100	127 500*	28,0
30,0	49,2	66,5	96 900	113 700*	30,0
32,0	43,8	64,5	89 800	102 400*	32,0
34,0					34,0
36,0					36,0
38,0					38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

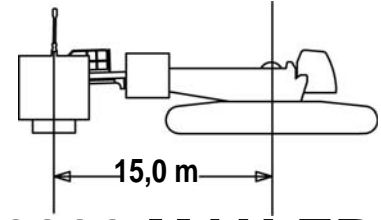
### 42,0 m (137,8 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0	57,9	68,4	92 500	135 500*									30,0
32,0	53,2	67,0	85 600	124 800*									32,0
34,0	48,1	65,3	79 600	111 600*	56,8	66,9	75 800	115 800*					34,0
36,0	42,6	63,2	74 300	100 600*	52,0	65,4	70 700	108 800*					36,0
38,0	36,4	60,6	69 600	91 400*	46,8	63,6	66 300	102 600*					38,0
40,0	29,1	57,3	65 300	83 400*	41,2	61,4	62 200	96 900*	50,5	63,4	59 100	94 800*	40,0
42,0	19,1	52,5	61 400	76 200*	34,8	58,7	58 500	89 900*	45,2	61,5	55 600	89 900*	42,0
44,0					27,0	55,2	55 200	81 900*	39,3	59,2	52 500	85 200	44,0
46,0									32,6	56,3	49 600	80 800	46,0
48,0									24,1	52,3	46 900	76 700	48,0
50,0									9,7	45,0	44 200	71 700	50,0

REFERENCE ONLY!

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

42,0 m (137,8 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	67,3	77,2	123 300	138 000*	24,4
26,0	64,5	76,5	114 300	134 200*	26,0
28,0	60,9	75,4	104 700	128 200*	28,0
30,0	57,1	74,1	96 400	115 000*	30,0
32,0	53,2	72,7	89 300	103 300*	32,0
34,0	49,0	71,0	83 000	93 800*	34,0
36,0					36,0
38,0					38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0

# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
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 150 590 kg Crane Counterweight  
 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
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 360 Degree Rating



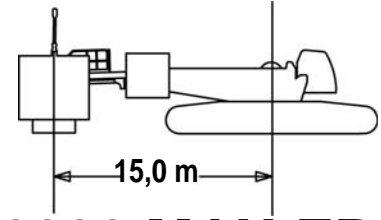
## 16000 MAX-ER

### 42,0 m (137,8 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0	60,1	74,3	84 900	125 800*									32,0
34,0	56,3	73,0	79 000	112 500*									34,0
36,0	52,4	71,5	73 700	101 500*									36,0
38,0	48,1	69,7	69 000	92 300*									38,0
40,0	43,6	67,7	64 800	84 400*	51,4	69,9	61 500	96 300*					40,0
42,0	38,7	65,3	61 000	77 600*	47,1	68,1	57 900	90 500*					42,0
44,0	33,0	62,4	57 600	71 700*	42,4	66,0	54 600	82 900*	50,1	67,9	51 700	84 500	44,0
46,0	26,4	58,7	54 400	66 400*	37,3	63,5	51 700	76 300*	45,7	66,0	48 900	80 100	46,0
48,0	17,3	53,4	51 400	61 100*	31,5	60,4	48 900	70 500*	41,0	63,8	46 300	76 100	48,0
50,0					24,5	56,4	46 300	65 400*	35,7	61,1	43 900	72 500	50,0
52,0									29,6	57,8	41 700	69 100	52,0
54,0									21,9	53,4	39 500	64 200*	54,0

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



## 16000 MAX-ER

42,0 m (137,8 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	66,2	82,4	106 900	121 200*	27,4
28,0	65,4	82,2	104 400	120 200*	28,0
30,0	62,3	81,2	96 000	114 400*	30,0
32,0	59,2	80,0	88 900	103 500*	32,0
34,0	55,9	78,7	82 600	94 000*	34,0
36,0					36,0
38,0					38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0



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 142 360 kg Hanging Counterweight  
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 360 Degree Rating



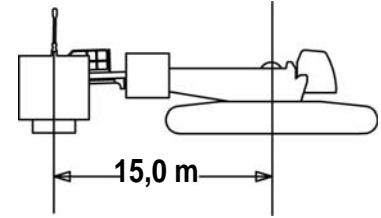
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### 42,0 m (137,8 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0	61,7	80,1	78 500	112 800*									34,0
36,0	58,5	78,9	73 200	101 600*									36,0
38,0	55,2	77,5	68 500	92 400*									38,0
40,0	51,8	76,0	64 300	84 600*									40,0
42,0	48,2	74,2	60 600	77 800*	54,4	75,9	57 400	90 100*					42,0
44,0	44,3	72,2	57 200	72 000*	50,9	74,4	54 100	83 100*					44,0
46,0	40,2	69,9	54 000	66 800*	47,2	72,6	51 100	76 500*					46,0
48,0	35,6	67,3	51 200	62 100*	43,3	70,5	48 400	70 800*	49,8	72,3	45 700	75 600	48,0
50,0	30,5	64,1	48 600	58 000*	39,1	68,1	45 900	65 800*	46,1	70,5	43 300	72 000	50,0
52,0	24,3	60,0	46 100	54 200*	34,4	65,3	43 700	61 300*	42,1	68,3	41 200	68 600	52,0
54,0	15,9	54,2	43 800	50 300*	29,1	62,0	41 500	57 300*	37,7	65,8	39 100	64 600*	54,0
56,0					22,5	57,6	39 500	53 600*	32,9	62,9	37 300	60 200*	56,0
58,0									27,2	59,3	35 500	56 300*	58,0
60,0									20,1	54,5	33 800	52 700*	60,0

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 54 430 kg Carbody Counterweight  
 142 360 kg Hanging Counterweight  
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 360 Degree Rating



## 16000 MAX-ER

42,0 m (137,8 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	65,4	87,7	93 600	104 900*	30,5
32,0	63,4	86,9	88 300	101 900*	32,0
34,0	60,7	85,8	82 000	94 000*	34,0
36,0	57,9	84,6	76 500	85 900*	36,0
38,0					38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0

# Liftcrane Luffing Jib Capacities

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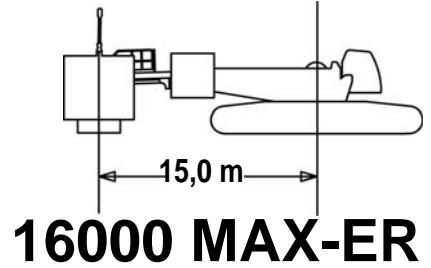
## 16000 MAX-ER

42,0 m (137,8 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms		
30,5														30,5
32,0														32,0
34,0														34,0
36,0														36,0
38,0	60,1	84,7	67 800	92 400*										38,0
40,0	57,3	83,4	63 600	84 500*										40,0
42,0	54,4	82,0	59 900	77 700*										42,0
44,0	51,3	80,4	56 500	71 900*										44,0
46,0	48,2	78,7	53 400	66 700*	53,6	80,4	50 300	76 400*						46,0
48,0	44,8	76,7	50 500	62 100*	50,6	78,8	47 600	70 700*						48,0
50,0	41,3	74,5	47 900	58 000*	47,4	77,0	45 200	65 700*						50,0
52,0	37,4	72,0	45 500	54 300*	44,0	75,0	42 900	61 200*	49,6	76,8	40 300	67 900		52,0
54,0	33,2	69,1	43 300	50 900*	40,3	72,7	40 800	57 200*	46,3	74,9	38 300	64 500		54,0
56,0	28,4	65,6	41 200	47 900*	36,4	70,1	38 800	53 600*	42,9	72,9	36 500	60 100*		56,0
58,0	22,6	61,2	39 300	45 100*	32,1	67,1	37 000	50 300*	39,2	70,5	34 700	56 200*		58,0
60,0					27,1	63,4	35 300	47 300*	35,1	67,7	33 100	52 700*		60,0
62,0					21,0	58,7	33 600	44 600*	30,6	64,5	31 600	49 600*		62,0
64,0					12,1	51,5	32 100	41 900*	25,4	60,6	30 200	46 600*		64,0
66,0									18,8	55,5	28 800	43 900*		66,0

# Liftcrane Luffing Jib Capacities

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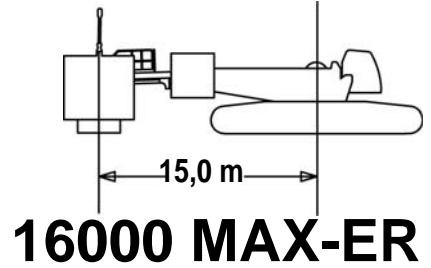
## 16000 MAX-ER

42,0 m (137,8 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	61,8	90,7	63 800	80 800*									39,6
40,0	61,3	90,4	63 000	80 600*									40,0
42,0	58,9	89,3	59 300	78 100*									42,0
44,0	56,3	87,9	55 900	71 800*									44,0
46,0	53,7	86,5	52 800	66 600*									46,0
48,0	51,0	84,9	49 900	62 000*	55,7	86,4	47 000	70 600*					48,0
50,0	48,2	83,2	47 400	57 800*	53,0	84,9	44 500	65 500*					50,0
52,0	45,2	81,2	45 000	54 100*	50,3	83,3	42 200	61 000*					52,0
54,0	42,1	79,1	42 800	50 800*	47,5	81,5	40 200	57 100*					54,0
56,0	38,8	76,6	40 700	47 800*	44,5	79,5	38 200	53 500*	49,5	81,3	35 800	59 900*	56,0
58,0	35,2	73,9	38 800	45 000*	41,3	77,3	36 400	50 200*	46,6	79,4	34 100	56 000*	58,0
60,0	31,2	70,7	37 100	42 500*	37,9	74,8	34 700	47 300*	43,5	77,4	32 500	52 600*	60,0
62,0	26,7	67,0	35 400	40 100*	34,2	72,0	33 200	44 500*	40,3	75,1	31 000	49 400*	62,0
64,0	21,3	62,3	33 700	37 900*	30,1	68,7	31 700	42 100*	36,8	72,5	29 600	46 500*	64,0
66,0					25,5	64,8	30 200	39 700*	33,0	69,5	28 300	43 900*	66,0
68,0					19,7	59,7	28 900	37 500*	28,8	66,1	27 000	41 500*	68,0
70,0					11,4	52,1	27 600	35 400*	23,9	61,9	25 800	39 200*	70,0
72,0									17,6	56,4	24 600	37 100*	72,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



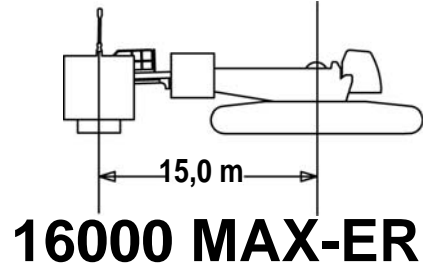
## 16000 MAX-ER

### 42,0 m (137,8 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	61,5	95,8	57 300	66 000*									42,7
44,0	60,1	95,1	55 100	66 000*									44,0
46,0	57,8	93,8	52 000	63 600*									46,0
48,0	55,5	92,5	49 200	60 600*									48,0
50,0	53,2	91,0	46 600	57 300*									50,0
52,0	50,7	89,4	44 200	53 700*	55,0	90,9	41 400	59 500*					52,0
54,0	48,2	87,6	42 000	50 300*	52,6	89,4	39 300	56 500*					54,0
56,0	45,5	85,7	40 000	47 300*	50,1	87,8	37 400	52 900*					56,0
58,0	42,7	83,6	38 100	44 600*	47,5	86,0	35 600	49 700*	51,8	87,4	33 200	54 700*	58,0
60,0	39,8	81,2	36 300	42 000*	44,8	84,0	34 000	46 700*	49,3	85,8	31 600	52 100*	60,0
62,0	36,7	78,6	34 700	39 700*	42,0	81,8	32 400	44 100*	46,7	83,9	30 100	48 800*	62,0
64,0	33,3	75,7	33 200	37 600*	39,0	79,4	30 900	41 600*	44,0	81,9	28 800	46 000*	64,0
66,0	29,5	72,3	31 700	35 600*	35,8	76,8	29 500	39 300*	41,1	79,7	27 500	43 400*	66,0
68,0					32,4	73,7	28 200	37 200*	38,1	77,2	26 200	41 000*	68,0
70,0					28,5	70,2	27 000	35 200*	34,8	74,4	25 000	38 800*	70,0
72,0					24,1	66,0	25 800	33 400*	31,2	71,2	24 000	36 700*	72,0
74,0					18,7	60,7	24 700	31 600*	27,2	67,5	22 900	34 800*	74,0
76,0					10,7	52,7	23 600	29 900*	22,6	63,1	21 900	33 000*	76,0
78,0									16,7	57,2	20 900	31 300*	78,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



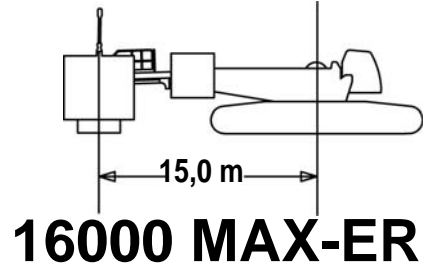
## 16000 MAX-ER

42,0 m (137,8 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



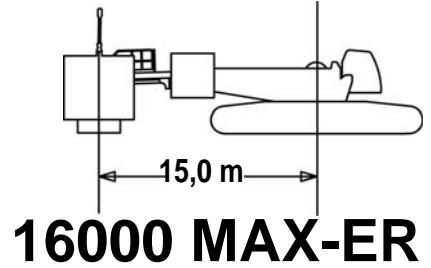
## 16000 MAX-ER

42,0 m (137,8 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



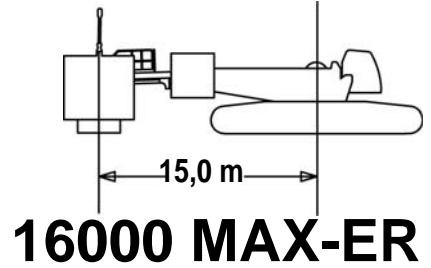
## 16000 MAX-ER

### 42,0 m (137,8 ft) Boom, 78,0 m (255,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms		
61,0	53,0	105,3	33 300	38 300*	56,2	106,6	30 800	35 000*						61,0
62,0	52,0	104,5	32 500	37 700*	55,3	105,9	30 000	35 000*						62,0
64,0	50,1	102,8	31 000	35 800*	53,4	104,4	28 600	35 000*						64,0
66,0	48,2	101,1	29 600	33 800*	51,6	102,9	27 200	35 000*						66,0
68,0	46,1	99,2	28 200	32 000*	49,7	101,2	25 900	34 900*						68,0
70,0	44,1	97,1	26 900	30 300*	47,7	99,4	24 700	33 500*	51,0	100,9	22 600	32 200*		70,0
72,0					45,6	97,5	23 600	31 700*	49,1	99,2	21 600	32 200*		72,0
74,0					43,5	95,4	22 600	30 000*	47,1	97,3	20 500	32 200*		74,0
76,0					41,3	93,2	21 600	28 500*	45,0	95,4	19 600	31 200*		76,0
78,0					39,0	90,8	20 600	27 100*	42,9	93,3	18 700	29 600*		78,0
80,0					36,6	88,1	19 700	25 700*	40,6	91,0	17 800	28 100*		80,0
82,0					34,0	85,2	18 800	24 400*	38,3	88,5	17 000	26 700*		82,0
84,0					31,2	82,0	18 000	23 200*	35,8	85,8	16 200	25 400*		84,0
86,0					28,2	78,5	17 200	22 100*	33,2	82,8	15 500	24 100*		86,0
88,0					24,9	74,3	16 400	21 000*	30,4	79,5	14 700	23 000*		88,0
90,0					21,0	69,5	15 700	19 900*	27,2	75,8	14 100	21 800*		90,0
92,0					16,3	63,4	14 900	18 800*	23,8	71,5	13 400	20 700*		92,0
94,0					9,3	54,1	14 200	17 800*	19,7	66,3	12 800	19 700*		94,0
96,0									14,5	59,6	12 100	18 700*		96,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 42,0 m (137,8 ft) Boom, 84,0 m (275,6 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
67,1	50,8	108,1	28 000	31 500*	53,9	109,7	25 700	29 300*					67,1
68,0	50,0	107,3	27 400	31 100*	53,1	108,9	25 100	29 300*					68,0
70,0	48,2	105,5	26 100	29 600*	51,3	107,3	23 900	29 300*					70,0
72,0	46,3	103,6	24 900	28 100*	49,6	105,7	22 700	29 300*	52,5	107,0	20 600	26 700*	72,0
74,0	44,4	101,6	23 800	26 600*	47,7	103,9	21 700	29 000*	50,8	105,4	19 600	26 700*	74,0
76,0					45,8	102,0	20 700	27 800*	49,0	103,7	18 700	26 700*	76,0
78,0					43,9	99,9	19 700	26 300*	47,1	101,8	17 800	26 700*	78,0
80,0					41,8	97,7	18 800	25 000*	45,2	99,9	16 900	26 700*	80,0
82,0					39,7	95,3	18 000	23 700*	43,3	97,8	16 100	26 000*	82,0
84,0					37,5	92,8	17 200	22 500*	41,2	95,5	15 400	24 700*	84,0
86,0					35,2	90,0	16 300	21 400*	39,1	93,1	14 600	23 400*	86,0
88,0					32,7	87,0	15 600	20 300*	36,8	90,5	13 900	22 300*	88,0
90,0					30,1	83,7	14 900	19 300*	34,5	87,7	13 200	21 200*	90,0
92,0					27,2	79,9	14 200	18 300*	31,9	84,5	12 600	20 100*	92,0
94,0					23,9	75,6	13 500	17 400*	29,2	81,1	12 000	19 100*	94,0
96,0					20,2	70,6	12 900	16 500*	26,2	77,2	11 300	18 100*	96,0
98,0					15,7	64,2	12 200	15 600*	22,9	72,7	10 800	17 200*	98,0
100,0					9,0	54,6	11 500	14 600*	18,9	67,3	10 200	16 300*	100,0
102,0									14,0	60,3	9 600	15 400*	102,0

# Liftcrane Luffing Jib Capacities

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

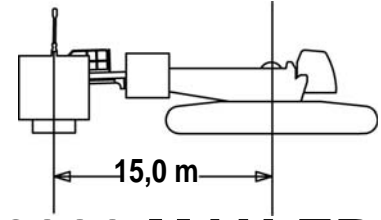
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m (157,5 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	65,9	71,8	144 100	167 300*b	21,3
22,0	64,2	71,5	139 200	164 800*b	22,0
24,0	58,6	70,3	125 400	157 700*b	24,0
26,0	52,7	68,9	114 100	146 400*	26,0
28,0	46,3	67,0	104 500	132 200*	28,0
30,0	38,9	64,7	96 300	118 500*	30,0
32,0	30,1	61,6	89 000	105 600*	32,0
34,0					34,0
36,0					36,0
38,0					38,0
40,0					40,0
42,0					42,0
44,0					44,0



# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

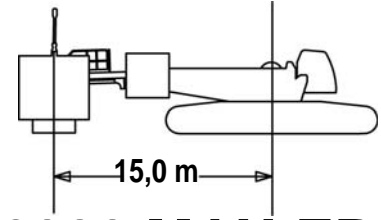
### 48,0 m (157,5 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0	59,0	69,4	99 000	144 300*b									28,0
30,0	53,1	67,9	91 100	134 300*									30,0
32,0	46,6	66,2	84 400	125 600*									32,0
34,0	39,4	63,9	78 500	117 300*	53,1	66,6	74 200	114 500*					34,0
36,0	30,6	60,8	73 200	107 000*	46,7	64,8	69 200	107 600*					36,0
38,0	18,1	56,0	68 300	95 800*	39,4	62,5	64 800	101 400*					38,0
40,0					30,7	59,5	60 700	95 900*	46,2	63,0	57 200	93 300*	40,0
42,0					18,2	54,6	57 000	90 800*	38,9	60,7	53 800	88 500*	42,0
44,0									30,0	57,5	50 700	83 900	44,0

REFERENCE ONLY!

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

48,0 m (157,5 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	67,9	77,7	132 600	149 400* <sup>b</sup>	22,9
24,0	65,5	77,2	125 300	145 900* <sup>b</sup>	24,0
26,0	61,2	76,1	113 900	140 200*	26,0
28,0	56,6	74,9	104 300	133 900*	28,0
30,0	51,8	73,3	96 100	121 400*	30,0
32,0	46,7	71,5	89 000	108 200*	32,0
34,0	41,0	69,3	82 800	97 800*	34,0
36,0	34,5	66,6	77 300	88 900*	36,0
38,0	26,7	63,0	72 300	81 200*	38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

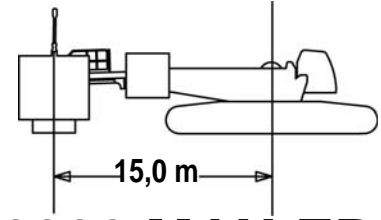
### 48,0 m (157,5 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	56,9	73,9	84 100	125 100*									32,0
34,0	52,1	72,4	78 200	117 100*									34,0
36,0	47,0	70,6	73 000	109 000*									36,0
38,0	41,3	68,5	68 300	98 700*	52,1	71,1	64 300	100 900*					38,0
40,0	34,9	65,8	64 200	89 700*	47,0	69,3	60 400	95 400*					40,0
42,0	27,2	62,2	60 400	81 900*	41,3	67,1	56 900	90 500*					42,0
44,0	16,0	56,8	56 800	75 000*	34,9	64,4	53 600	86 000*	46,6	67,5	50 400	83 400	44,0
46,0					27,2	60,9	50 700	81 400	41,0	65,3	47 600	79 100	46,0
48,0					16,1	55,5	47 900	75 100*	34,5	62,5	45 100	75 200	48,0
50,0									26,6	59,0	42 700	71 600	50,0

REFERENCE ONLY!

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

48,0 m (157,5 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	66,5	82,9	113 800	130 400*	25,9
26,0	66,4	82,9	113 400	130 200*	26,0
28,0	62,8	81,9	103 800	125 600*	28,0
30,0	59,1	80,7	95 600	120 200*	30,0
32,0	55,3	79,4	88 500	109 000*	32,0
34,0	51,2	77,8	82 300	98 500*	34,0
36,0	46,9	76,0	76 800	89 700*	36,0
38,0	42,3	73,9	71 900	82 200*	38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 48,0 m (157,5 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0	63,0	80,9	83 300	124 200*									32,0
34,0	59,3	79,8	77 500	116 400*									34,0
36,0	55,5	78,5	72 300	109 000*									36,0
38,0	51,4	76,9	67 700	99 400*									38,0
40,0	47,2	75,1	63 600	90 400*	55,5	77,1	59 600	94 700*					40,0
42,0	42,6	73,0	59 900	82 800*	51,5	75,6	56 100	89 700*					42,0
44,0	37,5	70,5	56 500	76 200*	47,2	73,8	53 000	85 200*					44,0
46,0	31,7	67,5	53 400	70 400*	42,6	71,7	50 000	81 000	51,2	73,8	46 800	78 400	46,0
48,0	24,6	63,5	50 500	65 300*	37,5	69,2	47 400	76 400	46,9	72,0	44 300	74 500	48,0
50,0	14,5	57,5	47 800	60 100*	31,7	66,1	44 900	70 700*	42,3	69,8	42 000	70 900	50,0
52,0					24,7	62,2	42 700	65 500*	37,1	67,3	39 900	67 700	52,0
54,0					14,5	56,2	40 400	60 200*	31,3	64,2	37 900	64 600	54,0
56,0									24,2	60,2	36 000	61 800	56,0

# Liftcrane Luffing Jib Capacities

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

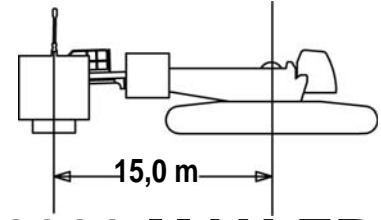
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

48,0 m (157,5 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	65,5	88,1	99 300	114 600*	29,0
30,0	63,9	87,6	95 300	112 800*	30,0
32,0	60,8	86,5	88 100	109 300*	32,0
34,0	57,6	85,3	81 900	99 000*	34,0
36,0	54,3	83,9	76 400	90 200*	36,0
38,0	50,8	82,3	71 500	82 600*	38,0
40,0	47,1	80,5	67 200	76 100*	40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 48,0 m (157,5 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms		
29,0														29,0
30,0														30,0
32,0														32,0
34,0														34,0
36,0	61,0	85,6	71 800	108 600*										36,0
38,0	57,8	84,4	67 200	99 900*										38,0
40,0	54,5	83,0	63 000	90 800*										40,0
42,0	51,0	81,4	59 300	83 200*										42,0
44,0	47,3	79,6	56 000	76 600*	54,5	81,6	52 300	84 700*						44,0
46,0	43,4	77,5	52 900	70 900*	51,0	80,0	49 500	80 400						46,0
48,0	39,2	75,2	50 100	65 800*	47,3	78,2	46 800	76 200						48,0
50,0	34,5	72,4	47 600	61 300*	43,4	76,2	44 400	71 200*	50,8	78,2	41 300	70 400		50,0
52,0	29,2	69,0	45 200	57 200*	39,2	73,8	42 200	66 000*	47,1	76,4	39 200	67 100		52,0
54,0	22,7	64,7	42 900	53 500*	34,5	71,1	40 100	61 500*	43,2	74,4	37 300	64 100		54,0
56,0	13,3	58,2	40 800	49 400*	29,2	67,7	38 200	57 400*	38,9	72,0	35 500	61 300		56,0
58,0					22,7	63,4	36 300	53 700*	34,2	69,2	33 800	58 800		58,0
60,0									28,8	65,8	32 200	56 300		60,0
62,0									22,3	61,4	30 700	53 700		62,0
64,0									12,5	54,5	29 300	50 200*		64,0

# Liftcrane Luffing Jib Capacities

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

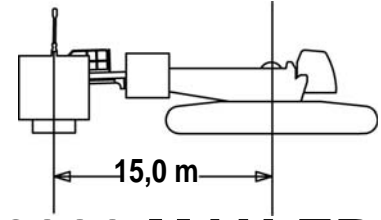
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

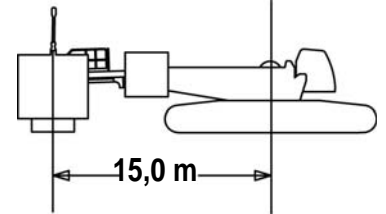
48,0 m (157,5 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	64,8	93,3	87 400	99 900*	32,0
34,0	62,1	92,3	81 200	97 400*	34,0
36,0	59,3	91,1	75 700	90 200*	36,0
38,0	56,5	89,8	70 900	82 400*	38,0
40,0	53,5	88,4	66 500	75 900*	40,0
42,0	50,5	86,7	62 600	70 200*	42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0



# Liftcrane Luffing Jib Capacities

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



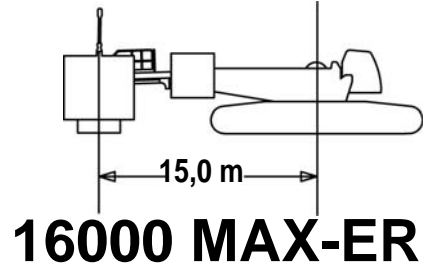
## 16000 MAX-ER

### 48,0 m (157,5 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms		
32,0														32,0
34,0														34,0
36,0														36,0
38,0														38,0
40,0	59,5	90,2	62 300	90 000*										40,0
42,0	56,6	88,9	58 600	83 000*										42,0
44,0	53,7	87,5	55 200	76 400*										44,0
46,0	50,6	85,8	52 200	70 600*	56,7	87,6	48 600	79 700						46,0
48,0	47,4	84,1	49 400	65 600*	53,7	86,1	46 000	75 600						48,0
50,0	44,0	82,0	46 800	61 100*	50,6	84,5	43 600	70 900						50,0
52,0	40,4	79,8	44 500	57 100*	47,4	82,7	41 400	65 800*						52,0
54,0	36,5	77,2	42 300	53 500*	44,1	80,7	39 300	61 300*	50,5	82,7	36 400	63 300		54,0
56,0	32,2	74,1	40 300	50 200*	40,4	78,4	37 400	57 300*	47,2	80,9	34 600	60 600		56,0
58,0	27,2	70,5	38 400	47 200*	36,5	75,8	35 700	53 700*	43,8	78,9	32 900	58 000		58,0
60,0	21,1	65,8	36 600	44 400*	32,2	72,8	34 000	50 400*	40,2	76,6	31 400	55 600		60,0
62,0	12,4	58,8	34 900	41 100*	27,2	69,2	32 400	47 400*	36,3	74,0	30 000	53 400		62,0
64,0					21,2	64,5	31 000	44 600*	31,9	70,9	28 600	50 400*		64,0
66,0									26,9	67,2	27 300	47 400*		66,0
68,0									20,7	62,5	26 100	44 600*		68,0
70,0									11,6	55,1	24 800	42 000*		70,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



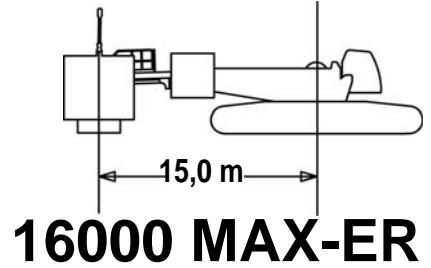
## 16000 MAX-ER

48,0 m (157,5 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	61,8	96,5	59 500	75 100*									41,1
42,0	60,8	96,0	58 000	75 100*									42,0
44,0	58,3	94,8	54 600	75 100*									44,0
46,0	55,7	93,4	51 600	70 600*									46,0
48,0	53,1	91,9	48 800	65 500*									48,0
50,0	50,4	90,3	46 300	61 000*	55,7	92,1	42 900	68 000*					50,0
52,0	47,5	88,5	43 900	57 000*	53,1	90,6	40 700	65 700*					52,0
54,0	44,5	86,6	41 800	53 400*	50,4	89,0	38 700	61 100*					54,0
56,0	41,4	84,3	39 700	50 100*	47,5	87,2	36 800	57 200*					56,0
58,0	38,0	81,8	37 900	47 200*	44,5	85,2	35 000	53 500*	50,2	87,2	32 300	57 400	58,0
60,0	34,3	79,0	36 200	44 400*	41,4	83,0	33 400	50 300*	47,3	85,4	30 700	55 000	60,0
62,0	30,2	75,7	34 500	41 900*	38,0	80,5	31 900	47 300*	44,3	83,4	29 300	52 800	62,0
64,0	25,6	71,8	32 900	39 600*	34,3	77,7	30 400	44 600*	41,2	81,2	28 000	50 200	64,0
66,0	19,9	66,9	31 500	37 400*	30,2	74,4	29 100	42 100*	37,8	78,7	26 700	47 300*	66,0
68,0	11,6	59,3	30 000	34 600*	25,6	70,5	27 800	39 800*	34,1	75,8	25 500	44 600*	68,0
70,0					19,9	65,5	26 600	37 600*	30,0	72,5	24 400	42 100*	70,0
72,0									25,3	68,5	23 300	39 800*	72,0
74,0									19,5	63,5	22 200	37 600*	74,0
76,0									10,9	55,7	21 200	35 500*	76,0

# Liftcrane Luffing Jib Capacities

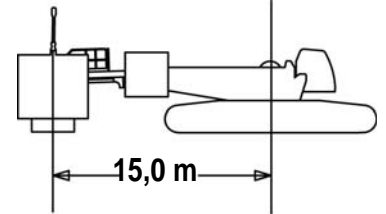
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
142 360 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



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# Liftcrane Luffing Jib Capacities

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



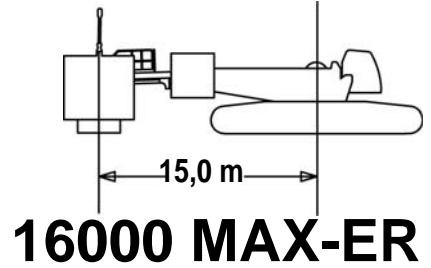
## 16000 MAX-ER

### 48,0 m (157,5 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	61,6	101,6	53 400	61 900*									44,2
46,0	59,6	100,6	50 800	61 900*									46,0
48,0	57,3	99,3	48 000	61 500*									48,0
50,0	55,0	97,9	45 400	59 600*									50,0
52,0	52,6	96,4	43 100	56 500*	57,3	98,0	39 800	55 700*					52,0
54,0	50,1	94,8	41 000	52 900*	55,0	96,6	37 800	55 700*					54,0
56,0	47,6	93,0	39 000	49 600*	52,6	95,1	35 900	55 700*					56,0
58,0	44,9	91,0	37 100	46 700*	50,2	93,5	34 200	53 000*					58,0
60,0	42,1	88,9	35 400	44 000*	47,6	91,7	32 600	49 800*					60,0
62,0	39,1	86,5	33 800	41 500*	44,9	89,7	31 100	46 800*	50,0	91,7	28 400	51 600	62,0
64,0	35,9	83,8	32 300	39 200*	42,1	87,5	29 600	44 100*	47,4	89,9	27 100	49 700	64,0
66,0	32,5	80,8	30 800	37 100*	39,1	85,1	28 300	41 700*	44,7	87,9	25 800	46 700*	66,0
68,0	28,6	77,3	29 500	35 100*	35,9	82,5	27 000	39 400*	41,9	85,7	24 600	44 100*	68,0
70,0	24,2	73,1	28 200	33 300*	32,5	79,4	25 900	37 300*	38,9	83,3	23 500	41 600*	70,0
72,0	18,8	67,8	27 000	31 600*	28,6	75,9	24 700	35 300*	35,7	80,6	22 500	39 400*	72,0
74,0					24,2	71,8	23 600	33 500*	32,2	77,5	21 500	37 300*	74,0
76,0					18,8	66,5	22 600	31 700*	28,4	74,0	20 500	35 300*	76,0
78,0									23,9	69,8	19 600	33 500*	78,0
80,0									18,4	64,4	18 800	31 700*	80,0
82,0									10,3	56,2	17 800	30 000*	82,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



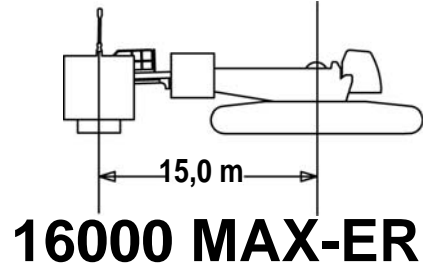
## 16000 MAX-ER

### 48,0 m (157,5 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	59,9	105,9	46 100	51 500*									48,8
50,0	58,6	105,2	44 600	51 500*									50,0
52,0	56,5	103,9	42 300	51 500*									52,0
54,0	54,4	102,5	40 100	51 100*									54,0
56,0	52,2	100,9	38 200	49 100*	56,5	102,5	35 000	47 000*					56,0
58,0	50,0	99,3	36 300	46 000*	54,4	101,1	33 300	47 000*					58,0
60,0	47,6	97,5	34 600	43 300*	52,2	99,6	31 700	47 000*					60,0
62,0	45,2	95,5	33 000	40 900*	50,0	97,9	30 200	46 000*					62,0
64,0	42,7	93,4	31 500	38 600*	47,6	96,1	28 800	43 500*	52,1	97,8	26 100	43 400*	64,0
66,0	40,0	91,1	30 100	36 500*	45,2	94,2	27 500	41 000*	49,8	96,1	24 900	43 400*	66,0
68,0	37,2	88,5	28 700	34 600*	42,7	92,1	26 200	38 700*	47,5	94,3	23 700	43 000*	68,0
70,0	34,2	85,7	27 500	32 800*	40,0	89,7	25 000	36 700*	45,1	92,4	22 600	41 000*	70,0
72,0	30,9	82,4	26 300	31 100*	37,2	87,2	23 900	34 800*	42,5	90,2	21 600	38 700*	72,0
74,0	27,2	78,7	25 100	29 500*	34,2	84,3	22 900	32 900*	39,9	87,9	20 600	36 600*	74,0
76,0	23,0	74,3	24 000	28 000*	30,9	81,1	21 900	31 200*	37,0	85,3	19 700	34 700*	76,0
78,0	17,9	68,8	23 000	26 600*	27,2	77,4	20 900	29 700*	34,0	82,4	18 800	33 000*	78,0
80,0					23,0	73,0	20 000	28 200*	30,7	79,2	18 000	31 300*	80,0
82,0					17,9	67,4	19 100	26 700*	27,0	75,5	17 200	29 700*	82,0
84,0									22,8	71,0	16 300	28 200*	84,0
86,0									17,5	65,3	15 600	26 800*	86,0
88,0									9,8	56,7	14 800	25 300*	88,0

# Liftcrane Luffing Jib Capacities

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

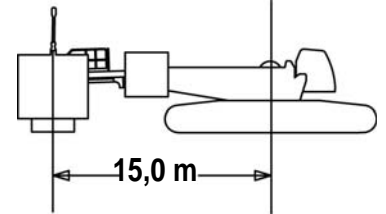


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# Liftcrane Luffing Jib Capacities

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



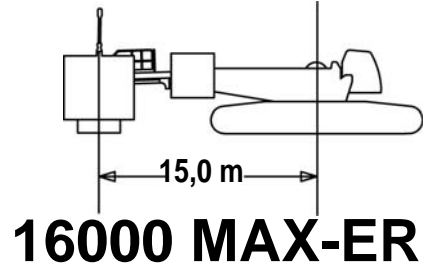
## 16000 MAX-ER

### 48,0 m (157,5 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

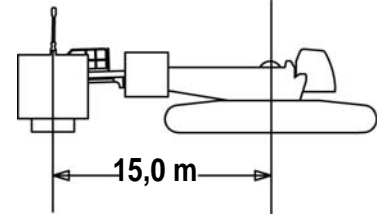
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
142 360 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

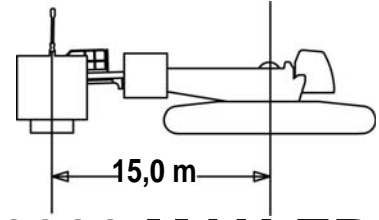
### 48,0 m (157,5 ft) Boom, 78,0 m (255,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
61,0	54,4	112,2	32 300	36 600*	58,0	113,6	29 300	33 200*					61,0
62,0	53,5	111,5	31 500	36 600*	57,1	112,9	28 600	33 200*					62,0
64,0	51,6	109,9	30 000	36 600*	55,3	111,6	27 200	33 200*					64,0
66,0	49,7	108,2	28 600	35 400*	53,5	110,1	25 900	33 200*					66,0
68,0	47,7	106,4	27 300	33 400*	51,6	108,6	24 600	33 200*					68,0
70,0	45,7	104,5	26 100	31 700*	49,7	106,9	23 500	33 200*					70,0
72,0	43,6	102,4	24 900	30 000*	47,7	105,1	22 400	33 000*	51,5	106,8	20 000	30 600*	72,0
74,0	41,4	100,2	23 800	28 400*	45,7	103,2	21 400	31 800*	49,6	105,1	19 000	30 600*	74,0
76,0	39,1	97,8	22 700	27 000*	43,6	101,1	20 400	30 100*	47,6	103,3	18 100	30 600*	76,0
78,0	36,6	95,2	21 700	25 600*	41,4	98,9	19 500	28 500*	45,6	101,3	17 300	30 600*	78,0
80,0	34,1	92,3	20 800	24 300*	39,1	96,5	18 600	27 100*	43,4	99,3	16 400	30 000*	80,0
82,0	31,3	89,1	19 900	23 100*	36,7	93,8	17 700	25 700*	41,2	97,0	15 600	28 500*	82,0
84,0	28,3	85,5	19 000	22 000*	34,1	90,9	16 900	24 500*	38,9	94,6	14 900	27 100*	84,0
86,0	25,0	81,4	18 200	20 900*	31,3	87,8	16 200	23 200*	36,5	92,0	14 200	25 700*	86,0
88,0	21,1	76,6	17 400	19 800*	28,3	84,2	15 400	22 100*	33,9	89,1	13 500	24 500*	88,0
90,0	16,4	70,5	16 600	18 800*	25,0	80,1	14 700	21 000*	31,1	85,9	12 800	23 300*	90,0
92,0					21,1	75,3	14 000	19 900*	28,1	82,3	12 200	22 100*	92,0
94,0					16,4	69,2	13 400	18 900*	24,7	78,1	11 600	21 000*	94,0
96,0					9,6	60,1	12 700	17 900*	20,9	73,2	11 000	20 000*	96,0
98,0									16,1	67,0	10 400	18 900*	98,0
100,0									9,0	57,6	9 800	17 900*	100,0



# Liftcrane Luffing Jib Capacities

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



**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 48,0 m (157,5 ft) Boom, 84,0 m (275,6 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
67,1	52,2	115,1	27 100	30 500*	55,6	116,8	24 300	27 900*					67,1
68,0	51,4	114,4	26 500	30 400*	54,8	116,1	23 700	27 900*					68,0
70,0	49,6	112,7	25 200	30 400*	53,1	114,6	22 600	27 900*					70,0
72,0	47,8	110,9	24 000	29 300*	51,4	113,0	21 500	27 900*					72,0
74,0	45,9	109,0	22 900	27 700*	49,6	111,3	20 500	27 900*					74,0
76,0	43,9	106,9	21 900	26 300*	47,8	109,6	19 500	27 900*	51,3	111,2	17 100	25 400*	76,0
78,0	41,9	104,7	20 900	24 900*	45,9	107,7	18 600	27 700*	49,5	109,6	16 300	25 400*	78,0
80,0	39,8	102,4	20 000	23 700*	43,9	105,6	17 700	26 400*	47,6	107,7	15 500	25 400*	80,0
82,0	37,6	99,8	19 100	22 500*	41,9	103,4	16 900	25 000*	45,8	105,8	14 700	25 400*	82,0
84,0	35,2	97,1	18 200	21 300*	39,8	101,1	16 100	23 700*	43,8	103,8	14 000	25 400*	84,0
86,0	32,8	94,1	17 400	20 200*	37,6	98,5	15 300	22 600*	41,8	101,6	13 300	25 000*	86,0
88,0	30,1	90,7	16 700	19 200*	35,3	95,7	14 600	21 400*	39,7	99,2	12 600	23 800*	88,0
90,0	27,2	87,0	15 900	18 200*	32,8	92,7	13 900	20 400*	37,4	96,7	11 900	22 600*	90,0
92,0	24,0	82,7	15 200	17 300*	30,1	89,4	13 200	19 300*	35,1	93,9	11 300	21 500*	92,0
94,0	20,3	77,7	14 500	16 400*	27,2	85,6	12 600	18 300*	32,6	90,8	10 800	20 400*	94,0
96,0	15,8	71,3	13 800	15 500*	24,0	81,4	12 000	17 400*	30,0	87,5	10 200	19 400*	96,0
98,0					20,3	76,3	11 400	16 500*	27,0	83,7	9 600	18 400*	98,0
100,0					15,8	70,0	10 800	15 600*	23,8	79,4	9 100	17 400*	100,0
102,0					9,2	60,5	10 100	14 700*	20,1	74,3	8 600	16 500*	102,0
104,0									15,5	67,8	8 000	15 600*	104,0
106,0									8,6	58,0	7 500	14 700*	106,0

# Liftcrane Luffing Jib Capacities

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

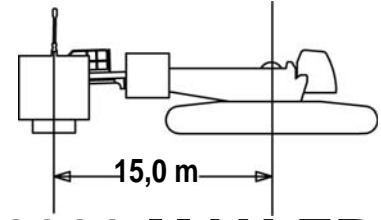
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m (177,2 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	64,7	77,5	131 600	158 500*b	22,9
24,0	61,6	76,9	124 400	152 900*b	24,0
26,0	55,9	75,6	113 000	143 300*b	26,0
28,0	49,7	73,9	103 500	134 200*	28,0
30,0	42,9	71,9	95 400	124 200*	30,0
32,0	35,0	69,2	88 200	111 900*	32,0
34,0	24,8	65,5	81 900	99 600*	34,0
36,0					36,0
38,0					38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

54,0 m (177,2 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0	57,7	74,9	89 400	132 700*b									30,0
32,0	51,7	73,4	82 700	124 000*									32,0
34,0	45,1	71,5	76 900	116 100*									34,0
36,0	37,6	69,1	71 800	109 100*	53,2	72,3	67 000	105 800*					36,0
38,0	28,3	65,7	67 100	102 900*	46,8	70,5	62 700	99 700*					38,0
40,0					39,6	68,2	58 900	94 300*					40,0
42,0					30,9	65,2	55 400	89 300*	48,0	69,0	51 500	86 500*	42,0
44,0					18,6	60,5	52 100	84 700*	41,0	66,8	48 500	82 000	44,0
46,0									32,6	63,9	45 800	77 800	46,0
48,0									21,4	59,7	43 200	73 800	48,0

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# Liftcrane Luffing Jib Capacities

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

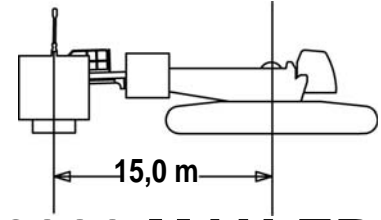
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m (177,2 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	66,9	83,4	121 700	144 100*b	24,4
26,0	63,4	82,6	112 800	137 800*b	26,0
28,0	59,0	81,5	103 300	130 200*	28,0
30,0	54,4	80,1	95 200	123 100*	30,0
32,0	49,4	78,4	88 100	114 500*	32,0
34,0	44,0	76,4	81 900	103 000*	34,0
36,0	38,0	74,0	76 500	93 300*	36,0
38,0	31,0	70,9	71 600	85 100*	38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0



# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 54,0 m (177,2 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0	60,4	80,7	82 300	123 400*									32,0
34,0	55,8	79,4	76 600	115 600*									34,0
36,0	51,0	77,8	71 500	108 700*									36,0
38,0	45,7	76,0	66 900	102 500*									38,0
40,0	40,0	73,7	62 900	96 500*	52,2	76,8	58 400	93 700*					40,0
42,0	33,3	70,9	59 100	87 900*	47,1	75,0	55 000	88 900*					42,0
44,0	25,1	67,1	55 700	80 300*	41,5	72,8	51 900	84 400*					44,0
46,0					35,1	70,2	49 000	80 200	48,1	73,4	45 400	77 300	46,0
48,0					27,4	66,7	46 400	76 200	42,6	71,3	42 900	73 500	48,0
50,0					16,5	61,3	43 900	72 500	36,3	68,8	40 700	70 000	50,0
52,0									29,0	65,5	38 600	66 700	52,0
54,0									18,9	60,6	36 600	63 700	54,0

# Liftcrane Luffing Jib Capacities

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

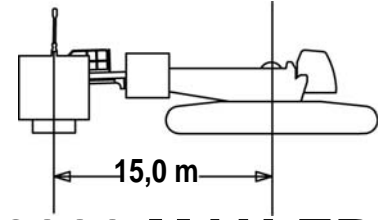
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m (177,2 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	65,7	88,6	105 200	126 100*	27,4
28,0	64,7	88,3	102 800	124 400*	28,0
30,0	61,0	87,3	94 600	118 400*	30,0
32,0	57,3	86,0	87 600	112 500*	32,0
34,0	53,4	84,6	81 400	104 000*	34,0
36,0	49,2	82,9	76 000	94 100*	36,0
38,0	44,8	80,9	71 100	86 000*	38,0
40,0	39,9	78,6	66 800	78 900*	40,0
42,0	34,5	75,9	62 900	72 800*	42,0
44,0	28,1	72,4	59 300	67 400*	44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 54,0 m (177,2 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	58,5	85,3	70 700	107 900*									36,0
38,0	54,6	83,9	66 200	101 800*									38,0
40,0	50,5	82,3	62 100	96 000*									40,0
42,0	46,2	80,5	58 500	88 800*	55,6	82,8	54 100	88 100*					42,0
44,0	41,5	78,3	55 200	81 300*	51,6	81,2	51 000	83 600*					44,0
46,0	36,2	75,7	52 200	74 900*	47,3	79,5	48 200	79 500					46,0
48,0	30,2	72,5	49 400	69 200*	42,7	77,4	45 700	75 500					48,0
50,0	22,8	68,2	46 800	64 100*	37,6	74,9	43 300	71 900	48,1	77,9	39 900	69 200	50,0
52,0					31,9	71,9	41 100	68 600	43,6	75,9	37 800	66 000	52,0
54,0					24,9	68,0	39 100	65 300	38,6	73,5	35 900	63 100	54,0
56,0					14,9	62,0	37 100	60 900*	33,0	70,6	34 200	60 300	56,0
58,0									26,3	66,9	32 500	57 800	58,0
60,0									17,1	61,5	30 900	55 400	60,0

# Liftcrane Luffing Jib Capacities

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

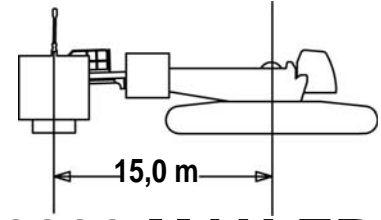
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m (177,2 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	67,1	94,5	98 200	114 300*	29,0
30,0	65,5	94,1	94 200	112 500*	30,0
32,0	62,5	93,0	87 100	108 100*	32,0
34,0	59,3	91,9	80 900	102 900*	34,0
36,0	56,0	90,5	75 500	94 900*	36,0
38,0	52,6	89,1	70 700	86 400*	38,0
40,0	49,1	87,3	66 400	79 300*	40,0
42,0	45,3	85,4	62 500	73 200*	42,0
44,0	41,2	83,2	59 000	67 900*	44,0
46,0	36,8	80,7	55 800	63 100*	46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

54,0 m (177,2 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	60,3	91,1	65 600	101 100*									38,0
40,0	57,1	89,9	61 600	95 600*									40,0
42,0	53,7	88,4	57 900	89 400*									42,0
44,0	50,2	86,8	54 600	81 700*									44,0
46,0	46,5	84,9	51 700	75 300*	54,6	87,3	47 600	78 900					46,0
48,0	42,5	82,8	48 900	69 700*	51,1	85,7	45 100	75 000					48,0
50,0	38,2	80,4	46 400	64 800*	47,4	83,9	42 700	71 400					50,0
52,0	33,4	77,5	44 100	60 300*	43,5	81,9	40 600	68 100	51,7	84,1	37 200	65 400	52,0
54,0	27,9	74,0	41 900	56 400*	39,3	79,5	38 600	65 000	48,1	82,4	35 300	62 500	54,0
56,0	21,0	69,3	39 800	52 700*	34,7	76,8	36 700	61 700	44,3	80,4	33 600	59 800	56,0
58,0					29,4	73,4	35 000	57 600*	40,1	78,1	32 000	57 300	58,0
60,0					22,9	69,2	33 300	53 800*	35,5	75,4	30 500	54 900	60,0
62,0					13,7	62,7	31 700	50 300*	30,4	72,2	29 100	52 800	62,0
64,0									24,2	68,1	27 700	50 700	64,0
66,0									15,8	62,3	26 400	48 700	66,0

# Liftcrane Luffing Jib Capacities

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

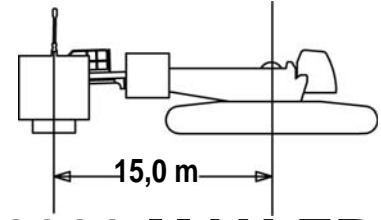
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m (177,2 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	64,1	99,0	81 600	95 300*	33,5
34,0	63,5	98,7	80 300	95 300*	34,0
36,0	60,8	97,7	74 800	93 200*	36,0
38,0	58,0	96,4	70 000	86 300*	38,0
40,0	55,1	95,1	65 700	79 100*	40,0
42,0	52,1	93,5	61 800	73 100*	42,0
44,0	48,9	91,8	58 300	67 700*	44,0
46,0	45,6	89,9	55 100	63 000*	46,0
48,0	42,1	87,8	52 200	58 700*	48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 54,0 m (177,2 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms		
33,5														33,5
34,0														34,0
36,0														36,0
38,0														38,0
40,0	61,6	96,9	60 700	87 100*										40,0
42,0	58,9	95,7	57 100	86 600*										42,0
44,0	56,0	94,4	53 800	81 700*										44,0
46,0	53,0	92,9	50 900	75 000*										46,0
48,0	49,9	91,3	48 200	69 500*	56,7	93,2	44 200	74 200						48,0
50,0	46,7	89,4	45 700	64 600*	53,8	91,8	41 800	70 600						50,0
52,0	43,3	87,4	43 300	60 200*	50,7	90,2	39 700	67 300						52,0
54,0	39,6	85,0	41 200	56 300*	47,5	88,4	37 700	64 300						54,0
56,0	35,6	82,3	39 200	52 700*	44,1	86,4	35 900	61 300						56,0
58,0	31,1	79,2	37 400	49 500*	40,5	84,1	34 200	57 400*	48,1	86,8	31 000	56 500		58,0
60,0	26,0	75,3	35 700	46 600*	36,6	81,5	32 600	53 800*	44,8	84,9	29 600	54 200		60,0
62,0	19,5	70,3	34 000	43 800*	32,3	78,5	31 100	50 500*	41,2	82,7	28 200	52 000		62,0
64,0	9,3	62,0	32 300	39 700*	27,4	74,9	29 700	47 500*	37,4	80,1	26 900	50 000		64,0
66,0					21,3	70,3	28 300	44 700*	33,1	77,2	25 700	48 100		66,0
68,0					12,7	63,3	27 000	42 000*	28,3	73,7	24 500	46 300		68,0
70,0									22,5	69,3	23 400	44 600		70,0
72,0									14,7	63,0	22 300	42 700*		72,0

# Liftcrane Luffing Jib Capacities

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

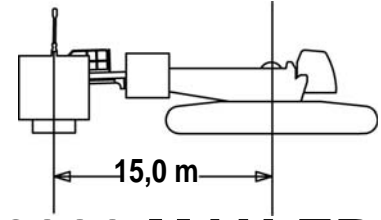
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

54,0 m (177,2 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	61,8	103,4	69 200	78 500*	38,1
40,0	59,5	102,2	65 100	77 700*	40,0
42,0	56,9	101,0	61 300	73 200*	42,0
44,0	54,3	99,6	57 700	67 600*	44,0
46,0	51,7	98,0	54 500	62 900*	46,0
48,0	48,9	96,3	51 600	58 600*	48,0
50,0	45,9	94,4	49 000	54 900*	50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0



# Liftcrane Luffing Jib Capacities

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



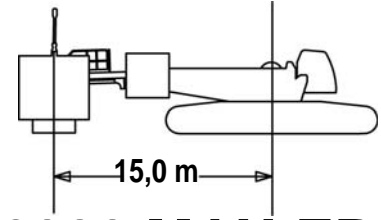
## 16000 MAX-ER

### 54,0 m (177,2 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms		
38,1														38,1
40,0														40,0
42,0														42,0
44,0	60,2	101,5	53 200	72 100*										44,0
46,0	57,7	100,3	50 200	71 900*										46,0
48,0	55,2	98,9	47 500	69 800*										48,0
50,0	52,5	97,4	45 000	64 400*										50,0
52,0	49,7	95,7	42 700	60 100*	55,8	97,8	39 000	66 000						52,0
54,0	46,9	93,9	40 600	56 200*	53,2	96,3	37 000	63 800						54,0
56,0	43,8	91,9	38 700	52 600*	50,5	94,7	35 200	60 900						56,0
58,0	40,6	89,6	36 800	49 400*	47,6	92,9	33 500	57 300*						58,0
60,0	37,2	87,1	35 100	46 600*	44,6	90,9	32 000	53 600*	50,9	93,1	28 800	53 600		60,0
62,0	33,4	84,1	33 500	43 900*	41,5	88,7	30 500	50 400*	48,1	91,3	27 500	51 400		62,0
64,0	29,3	80,7	32 000	41 400*	38,1	86,2	29 100	47 400*	45,2	89,4	26 200	49 400		64,0
66,0	24,4	76,6	30 600	39 100*	34,4	83,4	27 800	44 700*	42,0	87,2	25 000	47 500		66,0
68,0	18,4	71,3	29 200	36 900*	30,4	80,2	26 600	42 100*	38,7	84,8	23 900	45 800		68,0
70,0	8,7	62,4	27 900	33 400*	25,7	76,3	25 400	39 800*	35,1	82,1	22 800	44 100		70,0
72,0					20,1	71,3	24 200	37 600*	31,1	78,9	21 800	42 400		72,0
74,0					12,0	64,0	23 100	35 400*	26,6	75,1	20 800	40 400*		74,0
76,0									21,2	70,4	19 900	38 200*		76,0
78,0									13,8	63,7	18 900	36 100*		78,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

54,0 m (177,2 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	58,2	106,7	56 600	63 100*	44,2
46,0	56,1	105,5	53 800	60 600*	46,0
48,0	53,7	104,1	50 900	57 700*	48,0
50,0	51,3	102,5	48 300	54 400*	50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0
84,0					84,0

# Liftcrane Luffing Jib Capacities

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



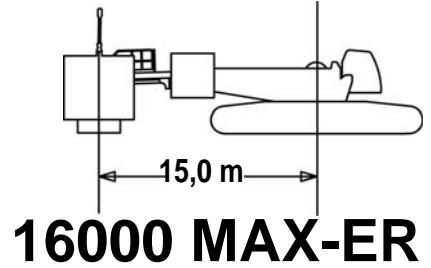
## 16000 MAX-ER

### 54,0 m (177,2 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2													44,2
46,0	61,3	107,3	49 400	59 600*									46,0
48,0	59,1	106,1	46 600	59 600*									48,0
50,0	56,8	104,8	44 200	59 600*									50,0
52,0	54,5	103,4	41 900	58 700*									52,0
54,0	52,1	101,9	39 800	55 800*									54,0
56,0	49,6	100,2	37 800	52 100*	55,1	102,3	34 300	54 200*					56,0
58,0	47,0	98,4	36 000	48 900*	52,7	100,8	32 600	54 200*					58,0
60,0	44,3	96,4	34 400	46 100*	50,2	99,1	31 000	53 400*					60,0
62,0	41,4	94,2	32 700	43 400*	47,7	97,4	29 600	49 800*					62,0
64,0	38,4	91,7	31 300	41 000*	45,0	95,4	28 200	46 900*	50,7	97,6	25 200	48 600	64,0
66,0	35,2	89,0	29 900	38 800*	42,2	93,2	27 000	44 200*	48,1	95,8	24 000	46 700	66,0
68,0	31,6	85,8	28 600	36 700*	39,2	90,8	25 700	41 700*	45,5	93,9	22 900	45 000	68,0
70,0	27,7	82,2	27 300	34 700*	36,0	88,2	24 600	39 400*	42,7	91,7	21 900	43 300	70,0
72,0	23,1	77,8	26 100	32 900*	32,6	85,2	23 500	37 300*	39,8	89,4	20 900	41 800	72,0
74,0	17,4	72,2	25 000	31 100*	28,7	81,7	22 500	35 400*	36,6	86,8	20 000	40 000*	74,0
76,0	8,2	62,8	23 800	28 100*	24,3	77,5	21 500	33 500*	33,2	83,8	19 000	37 800*	76,0
78,0					19,0	72,3	20 500	31 700*	29,5	80,5	18 200	35 800*	78,0
80,0					11,3	64,5	19 500	29 800*	25,2	76,5	17 400	34 000*	80,0
82,0									20,0	71,5	16 600	32 200*	82,0
84,0									13,0	64,4	15 700	30 400*	84,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



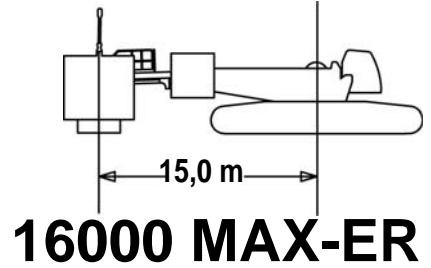
## 16000 MAX-ER

54,0 m (177,2 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3	59,9	111,7	43 000	49 800*									50,3
52,0	58,1	110,7	41 000	49 800*									52,0
54,0	56,1	109,4	38 900	49 800*									54,0
56,0	53,9	107,9	37 000	49 800*									56,0
58,0	51,7	106,4	35 200	48 300*	56,6	108,2	31 700	45 700*					58,0
60,0	49,5	104,7	33 500	45 400*	54,5	106,8	30 100	45 700*					60,0
62,0	47,1	102,9	31 900	42 800*	52,3	105,3	28 700	45 700*					62,0
64,0	44,7	100,9	30 500	40 400*	50,0	103,6	27 400	45 700*					64,0
66,0	42,1	98,7	29 100	38 100*	47,7	101,8	26 100	43 600*					66,0
68,0	39,4	96,3	27 800	36 100*	45,3	99,9	24 900	41 100*	50,5	102,0	22 000	42 100*	68,0
70,0	36,5	93,7	26 600	34 200*	42,8	97,8	23 700	38 800*	48,1	100,3	21 000	42 100*	70,0
72,0	33,5	90,8	25 400	32 400*	40,1	95,4	22 700	36 700*	45,7	98,4	20 000	41 000	72,0
74,0	30,1	87,4	24 300	30 700*	37,3	92,9	21 700	34 800*	43,2	96,3	19 100	39 300	74,0
76,0	26,3	83,6	23 200	29 200*	34,3	90,0	20 700	33 000*	40,6	94,0	18 200	37 200*	76,0
78,0	22,0	79,0	22 200	27 700*	31,0	86,8	19 700	31 300*	37,8	91,5	17 300	35 200*	78,0
80,0	16,5	73,1	21 200	26 300*	27,3	83,1	18 900	29 700*	34,8	88,7	16 500	33 400*	80,0
82,0	7,8	63,2	20 200	23 500*	23,2	78,8	18 000	28 200*	31,6	85,6	15 800	31 700*	82,0
84,0					18,1	73,2	17 200	26 800*	28,0	82,0	15 000	30 100*	84,0
86,0					10,7	65,1	16 400	25 100*	24,0	77,7	14 300	28 600*	86,0
88,0									19,1	72,5	13 600	27 200*	88,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

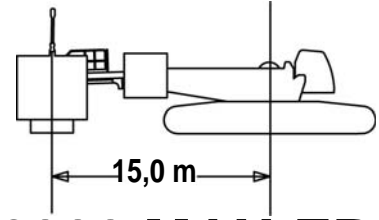
### 54,0 m (177,2 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
54,9	58,4	116,0	37 200	42 000*									54,9
56,0	57,4	115,2	36 200	42 000*									56,0
58,0	55,4	113,9	34 300	42 000*									58,0
60,0	53,5	112,4	32 700	42 000*									60,0
62,0	51,4	110,8	31 100	41 800*	55,9	112,7	27 800	38 400*					62,0
64,0	49,4	109,2	29 700	39 900*	54,0	111,3	26 400	38 400*					64,0
66,0	47,2	107,3	28 300	37 700*	52,0	109,7	25 200	38 400*					66,0
68,0	45,0	105,4	27 000	35 600*	49,9	108,1	24 000	38 400*					68,0
70,0	42,6	103,2	25 800	33 700*	47,8	106,3	22 900	38 200*					70,0
72,0	40,2	100,9	24 600	31 900*	45,5	104,4	21 800	36 200*	50,3	106,5	19 100	35 100*	72,0
74,0	37,6	98,4	23 500	30 300*	43,2	102,3	20 800	34 300*	48,1	104,7	18 100	35 100*	74,0
76,0	34,9	95,6	22 500	28 700*	40,8	100,0	19 900	32 500*	45,9	102,8	17 300	35 100*	76,0
78,0	32,0	92,5	21 500	27 200*	38,3	97,5	19 000	30 800*	43,7	100,8	16 400	34 800*	78,0
80,0	28,8	89,0	20 600	25 900*	35,6	94,8	18 100	29 200*	41,3	98,6	15 700	32 900*	80,0
82,0	25,2	84,9	19 700	24 600*	32,7	91,8	17 300	27 700*	38,8	96,1	14 900	31 200*	82,0
84,0	21,0	80,1	18 800	23 300*	29,6	88,4	16 500	26 400*	36,1	93,4	14 200	29 600*	84,0
86,0	15,8	73,9	18 000	22 100*	26,1	84,5	15 800	25 000*	33,3	90,5	13 500	28 100*	86,0
88,0					22,1	79,9	15 000	23 800*	30,2	87,2	12 800	26 700*	88,0
90,0					17,3	74,1	14 300	22 500*	26,8	83,4	12 200	25 400*	90,0
92,0					10,2	65,6	13 600	21 100*	22,9	78,9	11 600	24 100*	92,0
94,0									18,2	73,4	11 000	22 900*	94,0
96,0									11,8	65,6	10 400	21 700*	96,0



# Liftcrane Luffing Jib Capacities

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



**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



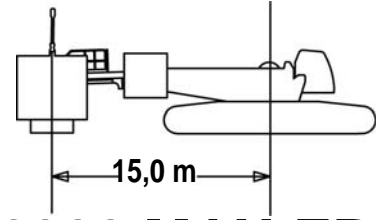
## 16000 MAX-ER

### 54,0 m (177,2 ft) Boom, 78,0 m (255,9 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

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



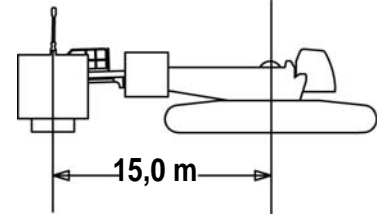
**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 54,0 m (177,2 ft) Boom, 84,0 m (275,6 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
67,1	53,5	122,1	26 000	29 900*	57,3	123,8	22 900	27 100*					67,1
68,0	52,7	121,4	25 400	29 900*	56,5	123,2	22 300	27 100*					68,0
70,0	51,0	119,8	24 200	29 800*	54,9	121,8	21 200	27 100*					70,0
72,0	49,2	118,1	23 100	29 800*	53,2	120,3	20 100	27 100*					72,0
74,0	47,3	116,3	22 000	29 000*	51,4	118,7	19 100	27 100*					74,0
76,0	45,4	114,3	21 000	27 400*	49,6	117,0	18 200	27 100*					76,0
78,0	43,5	112,3	20 000	26 000*	47,8	115,2	17 300	27 100*	51,7	117,1	14 700	24 700*	78,0
80,0	41,4	110,0	19 100	24 600*	45,9	113,3	16 500	27 100*	50,0	115,4	13 900	24 700*	80,0
82,0	39,3	107,6	18 300	23 400*	44,0	111,3	15 700	26 400*	48,1	113,7	13 200	24 700*	82,0
84,0	37,1	105,0	17 400	22 200*	42,0	109,1	14 900	25 100*	46,3	111,8	12 500	24 700*	84,0
86,0	34,7	102,2	16 600	21 100*	39,9	106,8	14 200	23 800*	44,3	109,8	11 800	24 700*	86,0
88,0	32,2	99,1	15 900	20 000*	37,6	104,2	13 500	22 600*	42,3	107,6	11 200	24 700*	88,0
90,0	29,5	95,7	15 100	19 000*	35,3	101,5	12 800	21 400*	40,2	105,3	10 600	24 100*	90,0
92,0	26,5	91,9	14 500	18 000*	32,9	98,4	12 200	20 400*	38,0	102,8	10 000	22 900*	92,0
94,0	23,2	87,4	13 800	17 100*	30,2	95,1	11 600	19 300*	35,7	100,1	9 400	21 700*	94,0
96,0	19,4	82,2	13 100	16 200*	27,3	91,4	11 000	18 400*	33,3	97,1	8 900	20 600*	96,0
98,0	14,6	75,4	12 500	15 300*	24,1	87,1	10 400	17 400*	30,7	93,8	8 400	19 600*	98,0
100,0					20,4	82,1	9 900	16 500*	27,9	90,2	7 900	18 600*	100,0
102,0					15,9	75,8	9 300	15 600*	24,7	86,1	7 400	17 700*	102,0
104,0									21,1	81,2	6 900	16 700*	104,0
106,0									16,8	75,2	6 400	15 900*	106,0
108,0									10,9	66,7	5 900	15 000*	108,0

# Liftcrane Luffing Jib Capacities

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

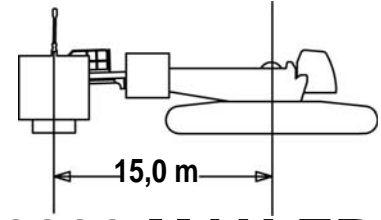
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m (196,9 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	67,4	83,9	130 200	148 600*c	22,9
24,0	64,4	83,4	123 000	143 700*b	24,0
26,0	58,9	82,2	111 800	135 200*b	26,0
28,0	53,0	80,7	102 300	127 100*b	28,0
30,0	46,5	78,9	94 300	119 600*	30,0
32,0	39,3	76,6	87 200	112 600*	32,0
34,0	30,5	73,6	81 000	105 600*	34,0
36,0	17,9	68,7	75 400	91 500*	36,0
38,0					38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

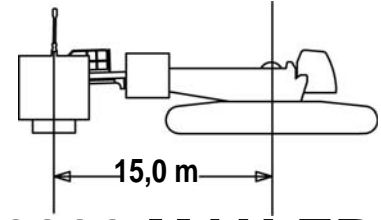
### 60,0 m (196,9 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	56,4	80,4	80 800	122 300*b									32,0
34,0	50,3	78,8	75 100	114 500*									34,0
36,0	43,5	76,8	70 100	107 600*									36,0
38,0	35,7	74,2	65 600	101 500*	53,4	78,0	60 400	97 800*b					38,0
40,0	25,8	70,6	61 500	95 900*	47,0	76,2	56 700	92 400*					40,0
42,0					39,8	73,9	53 300	87 600*					42,0
44,0					31,2	70,9	50 300	83 200*					44,0
46,0									43,0	72,9	43 500	75 900	46,0
48,0									35,1	70,2	41 100	72 100	48,0
50,0									24,9	66,5	38 900	68 600	50,0

REFERENCE ONLY!

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

60,0 m (196,9 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	65,9	89,1	111 900	129 400*b	25,9
26,0	65,7	89,1	111 500	129 100*b	26,0
28,0	61,3	88,0	102 100	122 300*b	28,0
30,0	56,8	86,7	94 000	115 900*	30,0
32,0	52,0	85,2	87 100	109 700*	32,0
34,0	46,9	83,4	80 900	104 000*	34,0
36,0	41,2	81,2	75 500	97 800*	36,0
38,0	34,8	78,5	70 700	89 300*	38,0
40,0	27,0	75,0	66 300	81 500*	40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 60,0 m (196,9 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	59,4	86,3	74 700	114 000*									34,0
36,0	54,8	84,9	69 700	107 100*									36,0
38,0	49,8	83,3	65 300	101 000*									38,0
40,0	44,5	81,3	61 300	95 500*									40,0
42,0	38,6	78,9	57 700	90 500*	52,4	82,4	52 900	87 100*					42,0
44,0	31,7	75,9	54 400	85 800*	47,3	80,7	49 900	82 700*					44,0
46,0	22,9	71,8	51 300	78 800*	41,7	78,5	47 100	78 600					46,0
48,0					35,3	75,9	44 600	74 700	49,5	79,4	40 600	71 600	48,0
50,0					27,6	72,4	42 200	71 100	44,1	77,4	38 400	68 200	50,0
52,0									38,1	75,0	36 500	65 000	52,0
54,0									31,1	71,9	34 600	62 100	54,0
56,0									22,1	67,6	32 900	59 400	56,0

# Liftcrane Luffing Jib Capacities

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

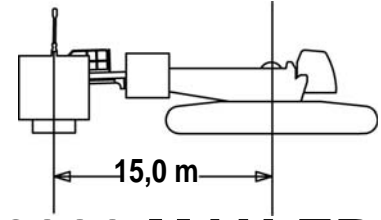
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m (196,9 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	67,5	95,0	104 000	117 900* <sup>b</sup>	27,4
28,0	66,5	94,7	101 500	116 400* <sup>b</sup>	28,0
30,0	62,9	93,7	93 400	111 100*	30,0
32,0	59,3	92,6	86 400	105 800*	32,0
34,0	55,4	91,2	80 300	100 800*	34,0
36,0	51,4	89,7	75 000	96 000*	36,0
38,0	47,1	87,9	70 200	90 200*	38,0
40,0	42,5	85,8	65 900	82 600*	40,0
42,0	37,4	83,3	62 000	76 000*	42,0
44,0	31,6	80,2	58 500	70 200*	44,0
46,0	24,5	76,3	55 300	65 100*	46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0



# Liftcrane Luffing Jib Capacities

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



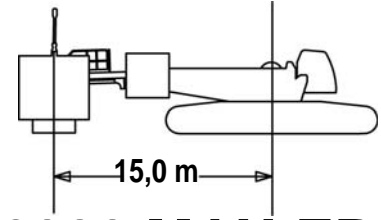
## 16000 MAX-ER

### 60,0 m (196,9 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	57,6	90,8	64 500	100 200*									38,0
40,0	53,7	89,4	60 500	94 800*									40,0
42,0	49,6	87,7	56 900	89 800*									42,0
44,0	45,2	85,8	53 700	85 300*									44,0
46,0	40,3	83,5	50 800	80 000*	51,7	86,9	46 300	77 900					46,0
48,0	35,0	80,8	48 100	73 700*	47,4	85,1	43 800	74 000					48,0
50,0	28,7	77,4	45 600	68 200*	42,8	83,1	41 500	70 400					50,0
52,0	20,7	72,8	43 200	63 100*	37,8	80,6	39 400	67 200	49,2	83,8	35 600	64 200	52,0
54,0					32,0	77,6	37 500	64 200	44,8	81,9	33 800	61 400	54,0
56,0					25,1	73,7	35 600	61 400	40,0	79,6	32 100	58 700	56,0
58,0									34,5	76,8	30 500	56 200	58,0
60,0									28,2	73,4	29 100	53 900	60,0
62,0									20,0	68,7	27 700	51 700	62,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

60,0 m (196,9 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	66,4	100,2	91 100	102 400*	30,5
32,0	64,1	99,5	85 900	101 000*	32,0
34,0	61,0	98,4	79 800	96 800*	34,0
36,0	57,7	97,2	74 500	92 600*	36,0
38,0	54,4	95,7	69 700	88 600*	38,0
40,0	50,9	94,2	65 400	83 100*	40,0
42,0	47,3	92,4	61 600	76 300*	42,0
44,0	43,4	90,3	58 100	70 600*	44,0
46,0	39,1	87,9	55 000	65 500*	46,0
48,0	34,5	85,2	52 000	61 000*	48,0
50,0	29,1	81,8	49 400	56 900*	50,0
52,0	22,6	77,5	46 900	53 200*	52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0

# Liftcrane Luffing Jib Capacities

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



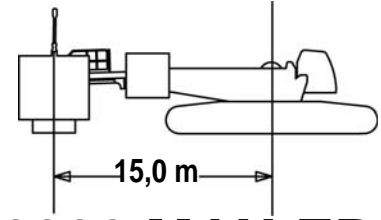
## 16000 MAX-ER

### 60,0 m (196,9 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	59,6	96,7	59 900	94 500*									40,0
42,0	56,3	95,3	56 400	89 200*									42,0
44,0	52,9	93,9	53 100	84 700*									44,0
46,0	49,4	92,2	50 200	80 300*									46,0
48,0	45,6	90,3	47 500	74 000*	54,7	93,0	43 100	73 400					48,0
50,0	41,6	88,1	45 100	68 500*	51,2	91,4	40 900	69 900					50,0
52,0	37,2	85,6	42 800	63 700*	47,5	89,6	38 800	66 700					52,0
54,0	32,2	82,6	40 700	59 400*	43,6	87,6	36 900	63 700					54,0
56,0	26,5	78,8	38 700	55 500*	39,4	85,2	35 100	60 900	49,1	88,3	31 400	58 100	56,0
58,0	19,1	73,8	36 900	51 900*	34,8	82,5	33 400	58 400	45,3	86,4	29 900	55 600	58,0
60,0					29,5	79,2	31 900	55 900	41,2	84,2	28 500	53 400	60,0
62,0					23,1	74,9	30 300	53 700	36,8	81,6	27 200	51 200	62,0
64,0					14,0	68,6	28 900	50 400*	31,8	78,6	25 900	49 300	64,0
66,0									26,0	74,8	24 700	47 400	66,0
68,0									18,4	69,6	23 500	45 600	68,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

60,0 m (196,9 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	63,5	104,7	76 200	85 400*	35,1
36,0	62,2	104,2	73 800	85 400*	36,0
38,0	59,4	103,0	69 000	83 700*	38,0
40,0	56,6	101,7	64 700	79 700*	40,0
42,0	53,7	100,2	60 900	75 500*	42,0
44,0	50,6	98,6	57 400	70 700*	44,0
46,0	47,4	96,8	54 300	65 600*	46,0
48,0	44,0	94,8	51 400	61 100*	48,0
50,0	40,4	92,5	48 800	57 100*	50,0
52,0	36,4	89,9	46 300	53 400*	52,0
54,0	32,1	86,9	44 000	50 100*	54,0
56,0	27,1	83,2	41 900	47 100*	56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 60,0 m (196,9 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1													35,1
36,0													36,0
38,0													38,0
40,0													40,0
42,0	61,0	102,4	55 500	79 400*									42,0
44,0	58,2	101,2	52 300	79 400*									44,0
46,0	55,3	99,9	49 400	78 800*									46,0
48,0	52,3	98,3	46 700	74 200*									48,0
50,0	49,2	96,7	44 300	68 500*									50,0
52,0	45,9	94,8	42 100	63 800*	53,9	97,5	37 800	65 800					52,0
54,0	42,5	92,7	40 000	59 500*	50,8	95,9	36 000	62 900					54,0
56,0	38,7	90,2	38 100	55 600*	47,6	94,1	34 200	60 200					56,0
58,0	34,6	87,5	36 300	52 100*	44,2	92,1	32 500	57 600	52,1	94,5	28 900	54 800	58,0
60,0	30,0	84,2	34 500	49 000*	40,6	89,8	31 000	55 300	49,0	92,8	27 500	52 600	60,0
62,0	24,7	80,2	33 000	46 000*	36,7	87,2	29 600	53 000	45,7	90,9	26 200	50 500	62,0
64,0	17,8	74,7	31 400	43 300*	32,4	84,2	28 200	50 700	42,2	88,7	25 000	48 500	64,0
66,0					27,5	80,6	27 000	47 700*	38,4	86,3	23 900	46 700	66,0
68,0					21,5	76,1	25 700	44 900*	34,3	83,5	22 800	44 900	68,0
70,0					13,0	69,2	24 500	42 200*	29,7	80,2	21 700	43 300	70,0
72,0									24,2	76,1	20 700	41 700	72,0
74,0									17,1	70,5	19 700	40 200	74,0

# Liftcrane Luffing Jib Capacities

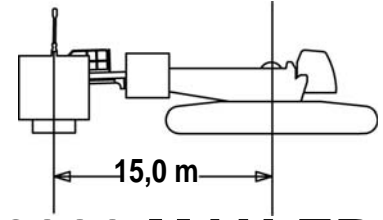
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m (196,9 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	59,3	108,1	61 900	71 900*	41,1
42,0	58,3	107,6	60 300	70 800*	42,0
44,0	55,7	106,2	56 800	67 800*	44,0
46,0	53,1	104,7	53 700	64 500*	46,0
48,0	50,3	103,1	50 800	60 800*	48,0
50,0	47,5	101,3	48 200	56 800*	50,0
52,0	44,5	99,3	45 800	53 200*	52,0
54,0	41,3	97,1	43 500	49 900*	54,0
56,0	37,9	94,6	41 400	47 000*	56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0

# Liftcrane Luffing Jib Capacities

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



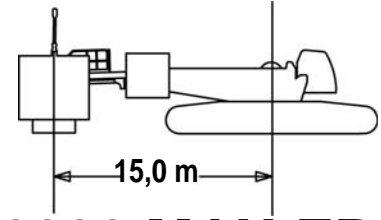
## 16000 MAX-ER

### 60,0 m (196,9 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1													41,1
42,0													42,0
44,0													44,0
46,0	59,7	107,1	48 700	66 300*									46,0
48,0	57,2	105,8	46 100	66 300*									48,0
50,0	54,6	104,4	43 600	66 300*									50,0
52,0	51,9	102,8	41 400	63 500*									52,0
54,0	49,1	101,1	39 300	59 200*	55,9	103,4	35 200	60 600*					54,0
56,0	46,2	99,3	37 400	55 300*	53,3	102,0	33 500	59 400					56,0
58,0	43,1	97,2	35 700	51 900*	50,5	100,3	31 900	57 000					58,0
60,0	39,9	94,8	34 000	48 800*	47,7	98,6	30 300	54 700					60,0
62,0	36,4	92,2	32 400	45 900*	44,7	96,6	28 900	52 500					62,0
64,0	32,5	89,2	31 000	43 300*	41,5	94,4	27 600	50 400	48,9	97,2	24 300	47 900	64,0
66,0	28,2	85,7	29 600	40 900*	38,2	91,9	26 300	47 500*	46,0	95,4	23 100	46 000	66,0
68,0	23,2	81,4	28 300	38 600*	34,5	89,1	25 200	44 700*	42,9	93,3	22 100	44 300	68,0
70,0	16,7	75,6	27 000	36 400*	30,5	85,9	24 000	42 200*	39,6	90,9	21 000	42 700	70,0
72,0					25,9	82,0	23 000	39 900*	36,1	88,3	20 100	41 200	72,0
74,0					20,2	77,1	21 900	37 700*	32,2	85,2	19 200	39 700	74,0
76,0					12,2	69,8	20 900	35 600*	27,9	81,6	18 300	38 400	76,0
78,0									22,8	77,2	17 400	37 100	78,0
80,0									16,1	71,3	16 600	35 800	80,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

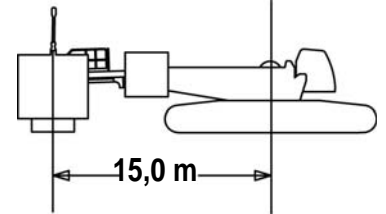
60,0 m (196,9 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	57,6	112,3	53 300	60 000*	45,7
46,0	57,3	112,1	52 900	59 700*	46,0
48,0	55,0	110,7	50 100	57 300*	48,0
50,0	52,6	109,2	47 400	54 700*	50,0
52,0	50,1	107,6	45 000	52 200*	52,0
54,0	47,5	105,8	42 800	49 600*	54,0
56,0	44,9	103,8	40 700	46 700*	56,0
58,0	42,1	101,7	38 800	44 000*	58,0
60,0	39,1	99,3	37 000	41 500*	60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0
84,0					84,0
86,0					86,0



# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 60,0 m (196,9 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7													45,7
46,0													46,0
48,0	60,8	112,8	45 200	55 300*									48,0
50,0	58,6	111,6	42 700	55 300*									50,0
52,0	56,3	110,3	40 500	55 300*									52,0
54,0	53,9	108,9	38 500	55 300*									54,0
56,0	51,5	107,3	36 600	54 000*									56,0
58,0	49,0	105,6	34 800	51 400*	55,1	107,9	30 900	50 300*					58,0
60,0	46,4	103,7	33 200	48 600*	52,8	106,5	29 400	50 300*					60,0
62,0	43,7	101,7	31 600	45 700*	50,3	104,8	28 000	50 300*					62,0
64,0	40,8	99,4	30 200	43 100*	47,7	103,0	26 700	49 700					64,0
66,0	37,7	96,9	28 900	40 600*	45,1	101,1	25 400	47 300*	51,3	103,4	22 100	45 200	66,0
68,0	34,4	94,1	27 600	38 400*	42,3	98,9	24 300	44 500*	48,8	101,7	21 100	43 500	68,0
70,0	30,8	90,9	26 300	36 400*	39,3	96,6	23 200	42 000*	46,2	99,8	20 100	41 900	70,0
72,0	26,7	87,1	25 200	34 400*	36,1	93,9	22 100	39 700*	43,5	97,8	19 100	40 400	72,0
74,0	21,9	82,5	24 100	32 600*	32,7	90,9	21 200	37 500*	40,6	95,5	18 300	39 000	74,0
76,0	15,8	76,4	23 000	30 900*	28,8	87,4	20 200	35 500*	37,5	93,0	17 400	37 600	76,0
78,0					24,5	83,3	19 300	33 700*	34,1	90,1	16 600	36 300	78,0
80,0					19,1	78,1	18 400	31 900*	30,5	86,8	15 800	35 100	80,0
82,0					11,6	70,4	17 500	30 200*	26,4	83,0	15 100	34 000	82,0
84,0									21,5	78,4	14 400	32 800*	84,0
86,0									15,2	72,1	13 600	31 000*	86,0

# Liftcrane Luffing Jib Capacities

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

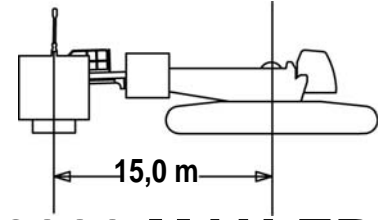
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

60,0 m (196,9 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
51,8	54,6	115,4	44 400	50 200*	51,8
52,0	54,4	115,2	44 200	50 000*	52,0
54,0	52,2	113,7	42 000	48 000*	54,0
56,0	49,9	112,1	39 900	45 800*	56,0
58,0	47,6	110,3	38 000	43 200*	58,0
60,0	45,2	108,3	36 200	40 700*	60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0
84,0					84,0
86,0					86,0
88,0					88,0
90,0					90,0
92,0					92,0

# Liftcrane Luffing Jib Capacities

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



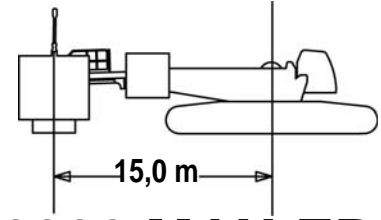
## 16000 MAX-ER

### 60,0 m (196,9 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
51,8	59,9	117,6	39 800	46 400*									51,8
52,0	59,7	117,4	39 600	46 400*									52,0
54,0	57,7	116,2	37 600	46 400*									54,0
56,0	55,6	114,8	35 700	46 400*									56,0
58,0	53,4	113,4	33 900	46 400*									58,0
60,0	51,2	111,8	32 300	46 300*	56,7	113,9	28 400	42 500*					60,0
62,0	48,9	110,1	30 800	45 000*	54,5	112,5	27 000	42 500*					62,0
64,0	46,6	108,2	29 300	42 200*	52,3	110,9	25 800	42 500*					64,0
66,0	44,1	106,2	28 000	39 800*	50,1	109,3	24 500	42 500*					66,0
68,0	41,5	104,0	26 700	37 700*	47,8	107,5	23 400	42 500*					68,0
70,0	38,8	101,6	25 500	35 700*	45,4	105,6	22 300	41 100*	51,1	107,9	19 100	38 800*	70,0
72,0	35,9	98,9	24 400	33 800*	42,8	103,5	21 300	38 900*	48,8	106,2	18 200	38 800*	72,0
74,0	32,7	95,9	23 300	32 000*	40,2	101,2	20 300	36 800*	46,4	104,3	17 300	38 200	74,0
76,0	29,3	92,4	22 300	30 400*	37,4	98,6	19 400	34 800*	43,9	102,3	16 500	36 900	76,0
78,0	25,4	88,5	21 300	28 900*	34,3	95,7	18 500	33 000*	41,3	100,1	15 700	35 600	78,0
80,0	20,9	83,6	20 400	27 400*	31,1	92,6	17 600	31 300*	38,6	97,6	14 900	34 400	80,0
82,0	15,0	77,2	19 500	26 000*	27,4	88,9	16 800	29 700*	35,6	94,9	14 200	33 200	82,0
84,0					23,3	84,5	16 100	28 300*	32,5	91,9	13 500	32 100	84,0
86,0					18,2	79,1	15 300	26 800*	29,0	88,4	12 800	30 600*	86,0
88,0					11,0	71,0	14 500	25 400*	25,1	84,4	12 200	29 000*	88,0
90,0									20,5	79,4	11 600	27 600*	90,0
92,0									14,5	72,8	11 000	26 100*	92,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

60,0 m (196,9 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
57,9	52,0	118,3	37 300	41 700*	57,9
58,0	51,9	118,2	37 200	41 600*	58,0
60,0	49,8	116,5	35 500	40 000*	60,0
62,0	47,7	114,7	33 800	38 100*	62,0
64,0	45,4	112,8	32 300	35 900*	64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0
84,0					84,0
86,0					86,0
88,0					88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0
98,0					98,0

# Liftcrane Luffing Jib Capacities

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



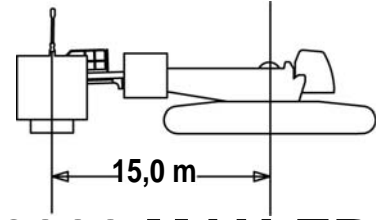
## 16000 MAX-ER

### 60,0 m (196,9 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
57,9	57,0	120,8	33 200	39 500*									57,9
58,0	56,9	120,7	33 100	39 500*									58,0
60,0	55,0	119,4	31 400	39 500*									60,0
62,0	53,0	117,9	29 900	39 500*									62,0
64,0	51,0	116,3	28 500	39 500*	56,0	118,4	24 800	36 000*					64,0
66,0	48,9	114,6	27 200	39 100*	54,0	117,0	23 600	36 000*					66,0
68,0	46,7	112,7	25 900	37 300*	52,0	115,4	22 500	36 000*					68,0
70,0	44,5	110,7	24 700	35 200*	49,9	113,8	21 400	36 000*					70,0
72,0	42,1	108,5	23 600	33 300*	47,8	112,0	20 400	36 000*					72,0
74,0	39,6	106,2	22 600	31 600*	45,6	110,1	19 400	35 800*	50,8	112,4	16 400	33 200*	74,0
76,0	37,0	103,6	21 600	29 900*	43,3	108,0	18 500	34 400*	48,7	110,7	15 500	33 200*	76,0
78,0	34,3	100,7	20 600	28 400*	40,9	105,7	17 700	32 500*	46,5	108,8	14 800	33 200*	78,0
80,0	31,3	97,5	19 700	26 900*	38,4	103,2	16 800	30 800*	44,3	106,8	14 000	33 200*	80,0
82,0	28,0	93,9	18 800	25 600*	35,7	100,5	16 000	29 200*	41,9	104,6	13 300	32 500	82,0
84,0	24,3	89,7	18 000	24 300*	32,8	97,5	15 300	27 800*	39,4	102,2	12 600	31 400	84,0
86,0	19,9	84,7	17 200	23 100*	29,7	94,1	14 600	26 400*	36,8	99,6	12 000	30 000*	86,0
88,0	14,4	77,9	16 400	21 800*	26,2	90,3	13 900	25 100*	34,0	96,7	11 400	28 500*	88,0
90,0					22,2	85,7	13 200	23 800*	31,0	93,5	10 800	27 100*	90,0
92,0					17,4	79,9	12 600	22 600*	27,7	89,9	10 200	25 700*	92,0
94,0					10,5	71,5	11 900	21 400*	24,0	85,6	9 700	24 400*	94,0
96,0									19,6	80,5	9 100	23 200*	96,0
98,0									13,8	73,5	8 500	22 000*	98,0

# Liftcrane Luffing Jib Capacities

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

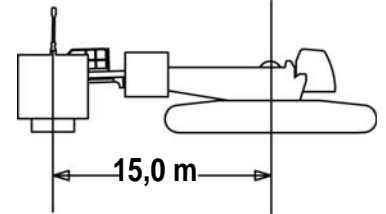


**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



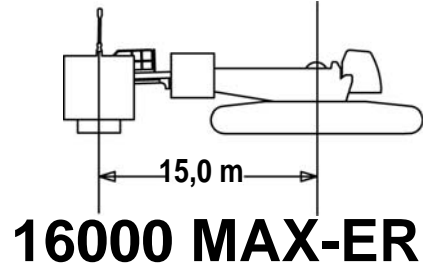
## 16000 MAX-ER

### 60,0 m (196,9 ft) Boom, 78,0 m (255,9 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

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

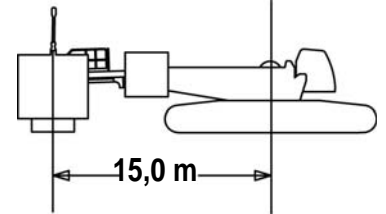


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# Liftcrane Luffing Jib Capacities

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



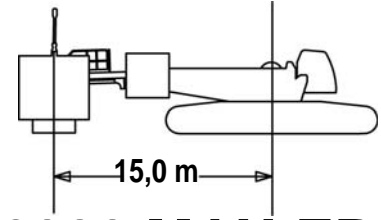
## 16000 MAX-ER

### 60,0 m (196,9 ft) Boom, 84,0 m (275,6 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
67,1	54,8	129,1	24 900	28 300*									67,1
68,0	54,1	128,4	24 300	28 300*									68,0
70,0	52,3	126,8	23 100	28 300*	56,6	128,8	19 600	25 600*					70,0
72,0	50,6	125,2	22 000	28 300*	54,9	127,4	18 600	25 600*					72,0
74,0	48,8	123,5	21 000	28 300*	53,2	126,0	17 700	25 600*					74,0
76,0	46,9	121,7	20 000	28 300*	51,5	124,4	16 800	25 600*					76,0
78,0	45,0	119,7	19 100	27 100*	49,7	122,7	16 000	25 600*					78,0
80,0	43,0	117,6	18 200	25 700*	47,9	120,9	15 200	25 600*	52,2	123,0	12 200	23 200*	80,0
82,0	41,0	115,3	17 300	24 400*	46,0	119,0	14 400	25 600*	50,4	121,3	11 500	23 200*	82,0
84,0	38,8	112,9	16 500	23 100*	44,0	117,0	13 700	25 600*	48,6	119,6	10 900	23 200*	84,0
86,0	36,6	110,2	15 800	21 900*	42,0	114,8	13 000	25 200*	46,8	117,7	10 200	23 200*	86,0
88,0	34,2	107,3	15 000	20 800*	39,9	112,5	12 300	23 800*	44,9	115,8	9 600	23 200*	88,0
90,0	31,6	104,2	14 300	19 800*	37,7	109,9	11 700	22 600*	42,9	113,7	9 100	23 200*	90,0
92,0	28,9	100,7	13 600	18 800*	35,4	107,2	11 000	21 500*	40,8	111,4	8 500	23 200*	92,0
94,0	25,8	96,7	13 000	17 800*	32,9	104,2	10 500	20 400*	38,6	108,9	8 000	23 000*	94,0
96,0	22,4	92,2	12 300	16 900*	30,3	100,8	9 900	19 400*	36,4	106,3	7 500	22 000*	96,0
98,0	18,4	86,6	11 700	16 000*	27,4	97,1	9 400	18 400*	34,0	103,4	7 000	20 900*	98,0
100,0	13,2	79,3	11 100	15 100*	24,2	92,9	8 800	17 400*	31,4	100,2	6 500	19 900*	100,0
102,0					20,5	87,9	8 300	16 500*	28,6	96,7	6 100	18 900*	102,0
104,0					16,1	81,6	7 800	15 600*	25,6	92,7	5 600	17 900*	104,0
106,0					9,7	72,5	7 300	14 800*	22,1	88,0	5 200	17 000*	106,0
108,0									18,1	82,4	4 800	16 100*	108,0
110,0									12,8	74,9	4 300	15 200*	110,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

66,0 m (216,5 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	62,0	88,8	111 100	127 600*b	25,9
26,0	61,8	88,7	110 600	127 200*b	26,0
28,0	56,1	87,4	101 300	119 100*b	28,0
30,0	50,0	85,8	93 300	111 000*	30,0
32,0	43,2	83,8	86 300	102 900*	32,0
34,0	35,3	81,2	80 200	94 900*	34,0
36,0	25,3	77,5	74 700	86 700*	36,0
38,0					38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

66,0 m (216,5 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0	60,8	87,2	79 100	118 700*b									32,0
34,0	55,1	85,8	73 500	111 700*b									34,0
36,0	48,8	84,2	68 600	104 500*									36,0
38,0	41,9	82,1	64 200	97 200*									38,0
40,0	33,7	79,3	60 200	89 700*	53,6	83,7	54 800	90 800*b					40,0
42,0	23,0	75,3	56 600	81 800*	47,2	81,9	51 500	86 100*					42,0
44,0					40,0	79,6	48 500	81 800*					44,0
46,0					31,4	76,7	45 800	77 600	51,5	80,8	41 300	74 100b	46,0
48,0					19,5	72,1	43 200	73 700	44,9	78,9	39 000	70 400	48,0
50,0									37,3	76,4	36 900	67 100	50,0
52,0									28,0	73,1	35 000	63 900	52,0

REFERENCE ONLY!

# Liftcrane Luffing Jib Capacities

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

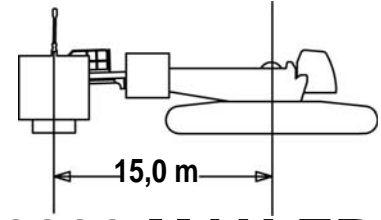
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m (216,5 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	61,5	94,0	97 000	110 400* <sup>b</sup>	29,0
30,0	59,2	93,3	93 000	107 200*	30,0
32,0	54,6	91,9	86 100	101 200*	32,0
34,0	49,6	90,3	80 000	95 200*	34,0
36,0	44,3	88,3	74 700	89 300*	36,0
38,0	38,3	85,9	69 900	83 500*	38,0
40,0	31,3	82,9	65 600	77 700*	40,0
42,0	22,4	78,7	61 600	71 500*	42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0

# Liftcrane Luffing Jib Capacities

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



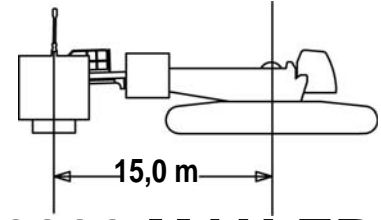
## 16000 MAX-ER

### 66,0 m (216,5 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	58,4	91,8	68 100	101 100*									36,0
38,0	53,7	90,3	63 700	95 900*									38,0
40,0	48,7	88,7	59 800	90 600*									40,0
42,0	43,2	86,6	56 300	85 100*									42,0
44,0	37,1	84,1	53 100	79 700*	52,5	88,1	48 000	81 200*					44,0
46,0	29,9	80,9	50 200	74 100*	47,4	86,4	45 400	77 200					46,0
48,0	20,4	76,3	47 400	68 200*	41,8	84,2	42 900	73 300					48,0
50,0					35,5	81,6	40 700	69 800					50,0
52,0					27,9	78,1	38 600	66 600	45,6	83,4	34 500	63 500	52,0
54,0					17,2	72,9	36 600	63 200	39,8	81,1	32 800	60 600	54,0
56,0									33,1	78,2	31 100	58 000	56,0
58,0									24,8	74,4	29 600	55 500	58,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

66,0 m (216,5 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	61,2	99,1	85 400	96 700*	32,0
34,0	57,4	97,9	79 300	92 100*	34,0
36,0	53,5	96,4	74 000	87 400*	36,0
38,0	49,4	94,8	69 300	82 900*	38,0
40,0	44,9	92,8	65 000	78 400*	40,0
42,0	40,1	90,6	61 200	73 900*	42,0
44,0	34,7	87,8	57 800	69 300*	44,0
46,0	28,4	84,4	54 600	64 900*	46,0
48,0	20,3	79,7	51 600	60 300*	48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 66,0 m (216,5 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	56,8	96,3	59 000	87 600*									40,0
42,0	52,8	94,8	55 500	83 500*									42,0
44,0	48,6	93,1	52 400	79 400*									44,0
46,0	44,1	91,1	49 500	75 300*	55,8	94,1	44 400	76 400					46,0
48,0	39,2	88,8	46 900	71 100*	51,8	92,6	42 000	72 600					48,0
50,0	33,7	85,9	44 400	66 800*	47,5	90,8	39 900	69 100					50,0
52,0	27,1	82,3	42 200	62 500*	42,9	88,8	37 800	65 900					52,0
54,0	18,5	77,3	40 000	57 800*	37,9	86,3	35 900	63 000	50,4	89,7	31 800	59 800	54,0
56,0					32,2	83,3	34 200	60 200	46,0	87,9	30 200	57 200	56,0
58,0					25,3	79,5	32 500	57 700	41,3	85,7	28 700	54 800	58,0
60,0					15,6	73,7	30 900	54 700	36,1	83,1	27 400	52 500	60,0
62,0									30,0	79,8	26 100	50 500	62,0
64,0									22,5	75,6	24 800	48 400	64,0

# Liftcrane Luffing Jib Capacities

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

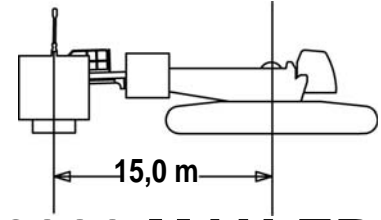
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

66,0 m (216,5 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	60,9	104,3	75 900	85 100*	35,1
36,0	59,4	103,7	73 600	83 400*	36,0
38,0	56,2	102,4	68 800	79 900*	38,0
40,0	52,8	100,9	64 600	76 200*	40,0
42,0	49,2	99,2	60 800	71 700*	42,0
44,0	45,4	97,3	57 300	67 400*	44,0
46,0	41,4	95,1	54 200	63 200*	46,0
48,0	37,0	92,6	51 300	59 300*	48,0
50,0	32,0	89,6	48 700	55 700*	50,0
52,0	26,2	85,8	46 200	52 600*	52,0
54,0	18,7	80,7	43 900	49 900*	54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0



# Liftcrane Luffing Jib Capacities

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



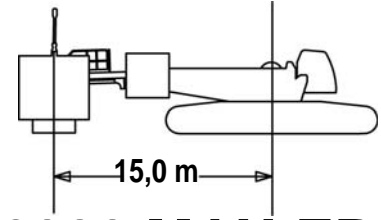
## 16000 MAX-ER

### 66,0 m (216,5 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1													35,1
36,0													36,0
38,0													38,0
40,0	62,0	103,4	58 400	82 200*									40,0
42,0	58,9	102,2	54 900	79 500*									42,0
44,0	55,6	100,8	51 800	76 400*									44,0
46,0	52,2	99,3	48 900	73 300*									46,0
48,0	48,6	97,6	46 300	70 000*									48,0
50,0	44,7	95,6	43 900	66 700*	54,7	98,7	39 100	68 500					50,0
52,0	40,6	93,4	41 700	63 500*	51,3	97,1	37 100	65 300					52,0
54,0	36,1	90,7	39 600	60 100*	47,6	95,3	35 300	62 400					54,0
56,0	31,0	87,6	37 700	56 700*	43,7	93,3	33 600	59 700					56,0
58,0	25,0	83,7	35 900	53 300*	39,5	90,9	32 000	57 200	50,1	94,2	28 000	54 200	58,0
60,0	17,0	78,2	34 200	49 400*	34,9	88,2	30 500	54 800	46,3	92,4	26 700	52 000	60,0
62,0					29,7	84,9	29 000	52 700	42,4	90,2	25 400	49 900	62,0
64,0					23,3	80,7	27 700	50 600	38,0	87,8	24 200	47 900	64,0
66,0					14,3	74,4	26 300	46 900*	33,2	84,9	23 100	46 100	66,0
68,0									27,7	81,3	22 000	44 400	68,0
70,0									20,7	76,6	21 000	42 800	70,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

66,0 m (216,5 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	58,6	108,5	64 600	72 300*	39,6
40,0	58,1	108,3	63 800	71 600*	40,0
42,0	55,2	106,9	60 000	68 300*	42,0
44,0	52,2	105,4	56 600	64 800*	44,0
46,0	49,1	103,7	53 500	61 200*	46,0
48,0	45,8	101,8	50 700	57 800*	48,0
50,0	42,3	99,7	48 000	54 500*	50,0
52,0	38,5	97,2	45 600	51 300*	52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0

# Liftcrane Luffing Jib Capacities

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



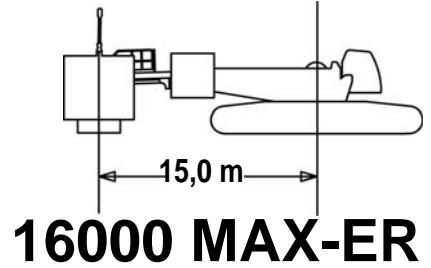
## 16000 MAX-ER

### 66,0 m (216,5 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6													39,6
40,0													40,0
42,0													42,0
44,0	60,4	108,0	50 800	70 500*									44,0
46,0	57,6	106,7	48 000	69 900*									46,0
48,0	54,7	105,3	45 400	67 400*									48,0
50,0	51,7	103,8	43 100	64 900*									50,0
52,0	48,5	102,1	40 800	62 300*	56,9	104,6	36 200	64 500					52,0
54,0	45,2	100,1	38 800	59 600*	53,9	103,2	34 300	61 600					54,0
56,0	41,6	97,9	37 000	57 000*	50,9	101,6	32 600	58 900					56,0
58,0	37,8	95,4	35 200	54 300*	47,7	99,8	31 000	56 400					58,0
60,0	33,6	92,6	33 600	51 500*	44,3	97,8	29 600	54 100					60,0
62,0	28,9	89,2	32 000	48 300*	40,7	95,5	28 200	51 900	49,8	98,7	24 400	49 100	62,0
64,0	23,3	84,9	30 500	45 400*	36,8	93,0	26 900	49 900	46,6	96,8	23 200	47 100	64,0
66,0	15,8	79,0	29 100	42 500*	32,5	90,0	25 700	48 000	43,1	94,8	22 200	45 400	66,0
68,0					27,6	86,4	24 500	46 200	39,5	92,4	21 100	43 700	68,0
70,0					21,7	81,8	23 400	43 900	35,4	89,7	20 100	42 100	70,0
72,0									31,0	86,5	19 200	40 500	72,0
74,0									25,8	82,7	18 300	39 100	74,0
76,0									19,3	77,6	17 400	37 700	76,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



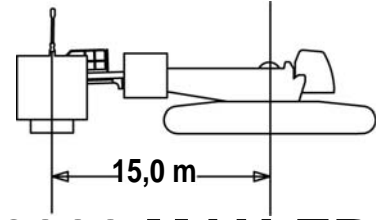
## 16000 MAX-ER

### 66,0 m (216,5 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	61,9	113,9	47 700	59 700*									45,7
46,0	61,6	113,7	47 300	59 700*									46,0
48,0	59,1	112,6	44 700	59 700*									48,0
50,0	56,6	111,3	42 300	59 700*									50,0
52,0	54,0	109,8	40 200	59 600*									52,0
54,0	51,3	108,3	38 200	57 900*									54,0
56,0	48,5	106,5	36 300	55 800*	56,0	109,1	31 800	54 400*					56,0
58,0	45,5	104,6	34 600	53 600*	53,3	107,7	30 300	54 400					58,0
60,0	42,4	102,5	32 900	51 200*	50,6	106,0	28 800	53 600					60,0
62,0	39,1	100,1	31 400	48 100*	47,8	104,3	27 500	51 300					62,0
64,0	35,5	97,4	30 000	45 300*	44,8	102,3	26 200	49 300	52,4	104,8	22 400	46 400	64,0
66,0	31,6	94,3	28 700	42 700*	41,6	100,1	25 000	47 400	49,7	103,2	21 400	44 700	66,0
68,0	27,2	90,6	27 400	40 300*	38,3	97,6	23 900	45 700	46,8	101,3	20 400	43 000	68,0
70,0	21,9	86,1	26 100	38 100*	34,6	94,8	22 800	44 000	43,7	99,3	19 400	41 400	70,0
72,0	14,9	79,7	25 000	35 800*	30,6	91,6	21 800	42 300	40,5	97,0	18 500	40 000	72,0
74,0					26,0	87,8	20 800	39 900*	37,1	94,4	17 600	38 600	74,0
76,0					20,4	82,9	19 800	37 800*	33,3	91,5	16 800	37 200	76,0
78,0									29,1	88,1	16 000	35 900	78,0
80,0									24,2	84,0	15 300	34 700	80,0
82,0									18,1	78,6	14 500	33 600	82,0

# Liftcrane Luffing Jib Capacities

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



**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

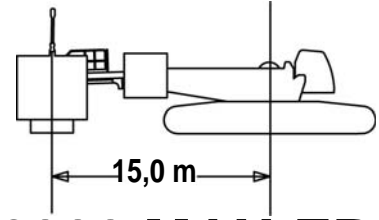
### 66,0 m (216,5 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	61,7	119,1	42 900	50 400*									48,8
50,0	60,3	118,4	41 400	50 400*									50,0
52,0	58,1	117,1	39 300	50 400*									52,0
54,0	55,8	115,8	37 200	50 400*									54,0
56,0	53,4	114,3	35 400	50 400*									56,0
58,0	51,0	112,7	33 700	50 400*	57,5	115,0	29 300	45 700*					58,0
60,0	48,4	111,0	32 100	49 600*	55,2	113,6	27 900	45 700*					60,0
62,0	45,8	109,1	30 600	47 700*	52,8	112,1	26 500	45 700*					62,0
64,0	43,0	107,0	29 200	45 000*	50,4	110,5	25 200	45 700*					64,0
66,0	40,1	104,7	27 900	42 500*	47,8	108,7	24 000	45 700*					66,0
68,0	37,0	102,1	26 600	40 100*	45,1	106,8	22 900	44 900					68,0
70,0	33,6	99,2	25 400	38 000*	42,3	104,6	21 900	43 300	49,5	107,6	18 400	40 600	70,0
72,0	29,9	95,9	24 300	35 900*	39,4	102,3	20 900	41 700	46,9	105,8	17 500	39 100	72,0
74,0	25,7	92,0	23 200	34 000*	36,2	99,6	19 900	39 800*	44,2	103,8	16 700	37 700	74,0
76,0	20,7	87,1	22 200	32 200*	32,7	96,6	19 000	37 600*	41,3	101,6	15 900	36 400	76,0
78,0	14,1	80,4	21 200	30 300*	28,9	93,2	18 200	35 600*	38,3	99,1	15 100	35 200	78,0
80,0					24,6	89,1	17 300	33 700*	35,1	96,3	14 400	34 000	80,0
82,0					19,3	83,9	16 500	31 900*	31,5	93,2	13 700	32 900	82,0
84,0									27,5	89,6	13 000	31 800	84,0
86,0									22,9	85,2	12 400	30 700	86,0
88,0									17,2	79,5	11 700	29 800	88,0



# Liftcrane Luffing Jib Capacities

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



**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



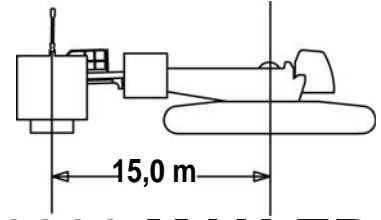
## 16000 MAX-ER

### 66,0 m (216,5 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

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

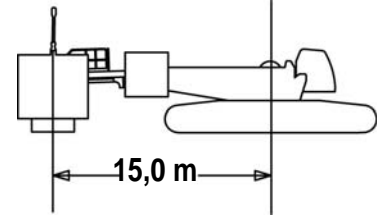


**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



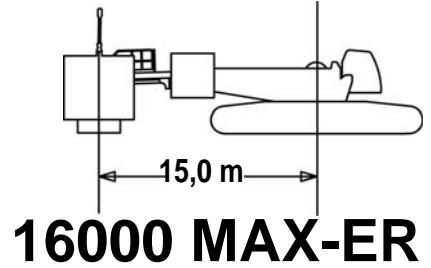
## 16000 MAX-ER

### 66,0 m (216,5 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



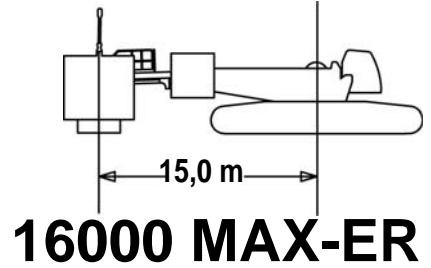
## 16000 MAX-ER

### 66,0 m (216,5 ft) Boom, 78,0 m (255,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
62,5	57,2	131,8	27 800	31 200*									62,5
64,0	55,9	130,8	26 700	31 200*									64,0
66,0	54,1	129,3	25 400	31 200*									66,0
68,0	52,2	127,8	24 200	31 200*									68,0
70,0	50,3	126,2	23 000	31 200*	55,4	128,6	19 200	28 500*					70,0
72,0	48,4	124,4	22 000	31 200*	53,6	127,2	18 300	28 500*					72,0
74,0	46,4	122,5	20 900	31 200*	51,8	125,6	17 300	28 500*					74,0
76,0	44,3	120,5	20 000	30 400*	49,9	123,9	16 500	28 500*					76,0
78,0	42,1	118,3	19 100	28 900*	47,9	122,2	15 700	28 500*					78,0
80,0	39,8	116,0	18 200	27 400*	45,9	120,2	14 900	28 500*	51,1	122,8	11 700	26 000*	80,0
82,0	37,5	113,4	17 400	26 000*	43,8	118,2	14 200	28 500*	49,2	121,1	11 000	26 000*	82,0
84,0	34,9	110,7	16 500	24 700*	41,6	116,0	13 400	28 400*	47,2	119,2	10 400	26 000*	84,0
86,0	32,2	107,6	15 800	23 500*	39,3	113,6	12 700	27 200*	45,2	117,3	9 800	26 000*	86,0
88,0	29,3	104,1	15 100	22 300*	36,9	111,0	12 100	25 800*	43,0	115,2	9 200	26 000*	88,0
90,0	26,1	100,2	14 300	21 200*	34,3	108,1	11 500	24 500*	40,8	112,9	8 700	26 000*	90,0
92,0	22,4	95,7	13 700	20 200*	31,5	104,9	10 900	23 300*	38,5	110,4	8 100	25 800	92,0
94,0	18,1	90,1	13 000	19 100*	28,6	101,4	10 300	22 200*	36,0	107,7	7 600	25 100	94,0
96,0	12,2	82,4	12 300	18 100*	25,2	97,4	9 800	21 100*	33,4	104,8	7 200	24 200	96,0
98,0					21,4	92,6	9 200	20 000*	30,6	101,5	6 700	23 000*	98,0
100,0					16,8	86,6	8 700	19 000*	27,5	97,8	6 200	21 900*	100,0
102,0					10,3	78,0	8 100	17 900*	24,0	93,6	5 800	20 800*	102,0
104,0									20,0	88,5	5 400	19 800*	104,0
106,0									15,0	81,9	4 900	18 800*	106,0
108,0									6,7	70,8	4 400	17 700*	108,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 66,0 m (216,5 ft) Boom, 84,0 m (275,6 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

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

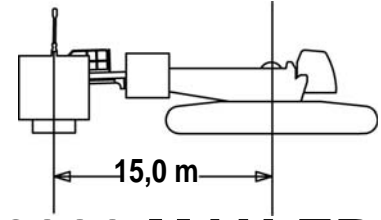
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m (236,2 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	60,7	94,4	102 300	114 500*b	27,4
28,0	59,1	94,1	99 900	112 500*b	28,0
30,0	53,2	92,6	91 900	105 400*b	30,0
32,0	46,8	90,8	85 100	98 300*	32,0
34,0	39,6	88,6	79 000	91 200*	34,0
36,0	30,9	85,5	73 700	84 000*	36,0
38,0					38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0



# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

72,0 m (236,2 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0	59,6	92,7	71 400	105 400*b									34,0
36,0	53,7	91,3	66 600	99 300*b									36,0
38,0	47,3	89,5	62 300	93 000*									38,0
40,0	40,2	87,3	58 500	86 600*									40,0
42,0	31,7	84,3	55 000	80 000*	53,7	89,3	49 100	84 200*b					42,0
44,0	19,8	79,8	51 700	72 900*	47,4	87,6	46 300	79 900*					44,0
46,0					40,2	85,3	43 700	76 000					46,0
48,0					31,7	82,4	41 300	72 200					48,0
50,0					19,9	77,9	39 000	68 300	46,7	84,9	34 400	65 100	50,0
52,0									39,5	82,6	32 600	62 100	52,0
54,0									30,8	79,6	30 900	59 300	54,0
56,0									18,3	74,8	29 300	56 600	56,0

# Liftcrane Luffing Jib Capacities

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

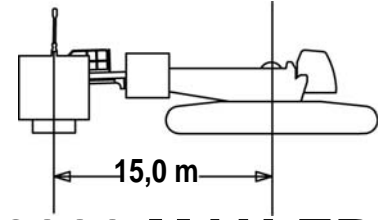
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m (236,2 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	57,0	98,6	84 700	95 800*	32,0
34,0	52,2	97,1	78 800	90 600*	34,0
36,0	47,1	95,3	73 500	85 300*	36,0
38,0	41,5	93,2	68 800	80 100*	38,0
40,0	35,1	90,5	64 500	74 800*	40,0
42,0	27,4	87,0	60 700	69 400*	42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0

# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 72,0 m (236,2 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0													32,0
34,0													34,0
36,0													36,0
38,0	57,4	97,3	61 800	90 600*									38,0
40,0	52,6	95,8	58 000	86 000*									40,0
42,0	47,5	94,0	54 600	81 300*									42,0
44,0	41,9	91,9	51 500	76 500*									44,0
46,0	35,6	89,3	48 600	71 600*	52,6	93,8	43 100	75 400					46,0
48,0	28,1	85,8	46 000	66 600*	47,5	92,1	40 800	71 700					48,0
50,0	17,6	80,7	43 500	61 200*	42,0	89,9	38 700	68 200					50,0
52,0					35,7	87,3	36 700	65 100	52,2	91,2	32 000	61 500	52,0
54,0					28,1	83,9	34 800	62 200	47,0	89,4	30 400	58 800	54,0
56,0					17,6	78,8	33 000	58 100*	41,4	87,2	28 900	56 200	56,0
58,0									35,0	84,5	27 400	53 800	58,0
60,0									27,3	81,0	26 100	51 600	60,0
62,0									16,2	75,6	24 700	49 500	62,0

# Liftcrane Luffing Jib Capacities

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

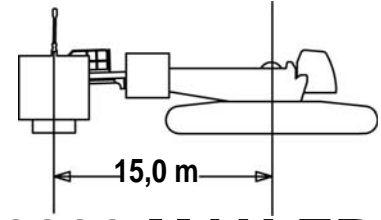
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



## 16000 MAX-ER

72,0 m (236,2 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	57,4	103,8	75 200	83 800*	35,1
36,0	55,6	103,1	72 800	81 700*	36,0
38,0	51,6	101,6	68 200	77 200*	38,0
40,0	47,3	99,8	64 000	72 700*	40,0
42,0	42,7	97,7	60 200	68 300*	42,0
44,0	37,6	95,2	56 800	64 200*	44,0
46,0	31,8	92,2	53 600	60 500*	46,0
48,0	24,9	88,3	50 800	57 200*	48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0

# Liftcrane Luffing Jib Capacities

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



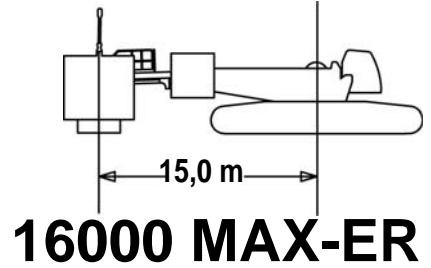
## 16000 MAX-ER

### 72,0 m (236,2 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1													35,1
36,0													36,0
38,0													38,0
40,0	59,7	103,1	57 100	81 700*									40,0
42,0	55,9	101,8	53 700	78 300*									42,0
44,0	51,9	100,3	50 700	74 700*									44,0
46,0	47,6	98,5	47 900	71 100*									46,0
48,0	43,1	96,4	45 300	67 500*	55,9	99,8	39 800	70 900					48,0
50,0	38,0	94,0	43 000	63 700*	51,9	98,3	37 700	67 500					50,0
52,0	32,3	91,0	40 800	59 900*	47,6	96,5	35 800	64 300					52,0
54,0	25,5	87,2	38 700	56 000*	43,1	94,5	34 000	61 400					54,0
56,0	15,9	81,5	36 800	51 600*	38,0	92,0	32 300	58 800					56,0
58,0					32,3	89,0	30 800	56 300	47,2	93,8	26 400	53 000	58,0
60,0					25,5	85,2	29 200	53 200*	42,6	91,7	25 200	50 900	60,0
62,0					15,9	79,6	27 800	49 100*	37,5	89,3	24 000	48 800	62,0
64,0									31,7	86,2	22 800	46 900	64,0
66,0									24,7	82,3	21 700	45 100	66,0
68,0									14,7	76,3	20 600	43 400	68,0

# Liftcrane Luffing Jib Capacities

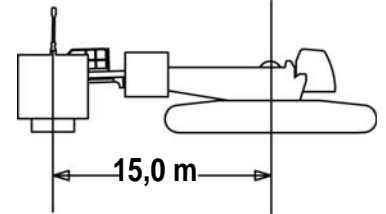
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
142 360 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



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# Liftcrane Luffing Jib Capacities

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



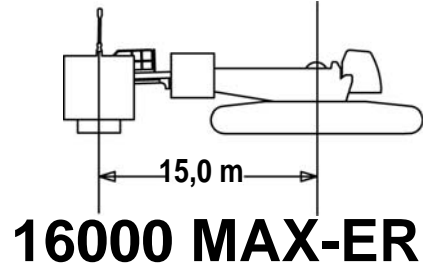
## 16000 MAX-ER

72,0 m (236,2 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	62,7	109,4	54 400	73 500*									41,1
42,0	61,3	108,9	53 100	73 400*									42,0
44,0	58,1	107,7	50 000	71 600*									44,0
46,0	54,8	106,3	47 200	68 900*									46,0
48,0	51,4	104,7	44 700	66 000*									48,0
50,0	47,7	103,0	42 400	63 100*									50,0
52,0	43,8	100,9	40 200	60 200*	54,8	104,3	35 100	63 700					52,0
54,0	39,7	98,6	38 200	57 300*	51,4	102,8	33 300	60 900					54,0
56,0	35,0	95,9	36 400	54 200*	47,7	101,0	31 600	58 200					56,0
58,0	29,8	92,6	34 600	51 200*	43,8	99,0	30 100	55 800					58,0
60,0	23,5	88,4	33 000	48 000*	39,7	96,7	28 700	53 500	51,0	100,1	24 400	50 200	60,0
62,0	14,6	82,2	31 400	44 400*	35,1	93,9	27 300	51 300	47,4	98,3	23 200	48 200	62,0
64,0					29,8	90,6	26 100	48 700*	43,5	96,3	22 100	46 300	64,0
66,0					23,5	86,5	24 800	45 700*	39,2	93,9	21 100	44 600	66,0
68,0					14,6	80,3	23 700	42 400*	34,6	91,2	20 100	42 900	68,0
70,0									29,3	87,8	19 100	41 400	70,0
72,0									22,8	83,5	18 200	39 900	72,0
74,0									13,5	77,0	17 300	38 400	74,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



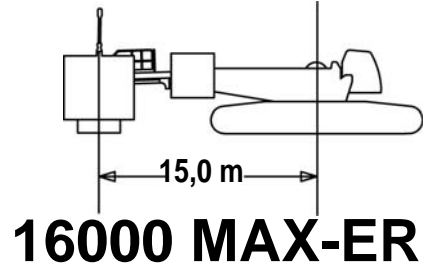
## 16000 MAX-ER

### 72,0 m (236,2 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	62,3	114,5	48 800	62 900*									44,2
46,0	59,8	113,5	46 300	62 900*									46,0
48,0	56,9	112,2	43 800	62 500*									48,0
50,0	54,0	110,8	41 500	60 900*									50,0
52,0	51,0	109,2	39 400	58 500*									52,0
54,0	47,8	107,4	37 400	56 200*	57,0	110,2	32 300	58 000*					54,0
56,0	44,4	105,4	35 500	53 800*	54,0	108,8	30 600	57 100*					56,0
58,0	40,8	103,2	33 900	51 400*	51,0	107,2	29 100	55 000					58,0
60,0	36,9	100,6	32 300	49 000*	47,8	105,5	27 700	52 700					60,0
62,0	32,6	97,7	30 800	46 500*	44,4	103,5	26 400	50 600					62,0
64,0	27,8	94,1	29 300	44 000*	40,8	101,2	25 200	48 600	50,7	104,6	21 100	45 400	64,0
66,0	21,9	89,6	28 000	41 300*	36,9	98,7	24 000	46 600*	47,5	102,8	20 000	43 700	66,0
68,0	13,6	82,9	26 700	38 300*	32,7	95,7	22 900	44 300*	44,1	100,8	19 100	42 100	68,0
70,0					27,8	92,1	21 900	41 900*	40,5	98,5	18 200	40 600	70,0
72,0					21,9	87,6	20 900	39 500*	36,6	95,9	17 300	39 100	72,0
74,0					13,6	81,0	19 800	36 700*	32,2	92,9	16 500	37 700	74,0
76,0									27,3	89,2	15 700	36 400	76,0
78,0									21,2	84,6	14 900	35 200	78,0
80,0									12,5	77,6	14 100	33 700	80,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



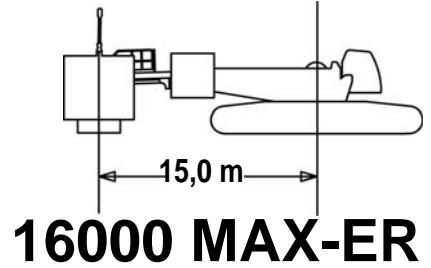
## 16000 MAX-ER

### 72,0 m (236,2 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	62,0	119,7	43 900	53 900*									47,2
48,0	61,0	119,3	43 000	53 900*									48,0
50,0	58,6	118,1	40 700	53 900*									50,0
52,0	56,0	116,8	38 600	53 900*									52,0
54,0	53,4	115,3	36 700	53 500*									54,0
56,0	50,7	113,7	34 900	51 900*									56,0
58,0	47,8	111,9	33 200	49 900*	56,0	114,8	28 400	50 300*					58,0
60,0	44,8	109,9	31 600	48 000*	53,4	113,3	27 000	50 100*					60,0
62,0	41,7	107,8	30 100	46 100*	50,7	111,7	25 700	49 000*					62,0
64,0	38,3	105,3	28 800	44 000*	47,8	109,9	24 400	47 200*					64,0
66,0	34,7	102,5	27 500	42 100*	44,9	108,0	23 300	45 500*					66,0
68,0	30,7	99,3	26 200	40 000*	41,7	105,8	22 200	43 700*	50,4	109,1	18 300	41 400	68,0
70,0	26,1	95,5	25 100	37 900*	38,4	103,3	21 200	41 900*	47,6	107,3	17 400	39 900	70,0
72,0	20,5	90,6	24 000	35 600*	34,7	100,6	20 200	40 100*	44,6	105,3	16 600	38 500	72,0
74,0	12,8	83,6	22 800	33 100*	30,7	97,3	19 300	38 200*	41,4	103,1	15 800	37 100	74,0
76,0					26,1	93,5	18 400	36 200*	38,0	100,6	15 000	35 800	76,0
78,0					20,6	88,7	17 600	34 100*	34,4	97,8	14 300	34 600	78,0
80,0					12,8	81,6	16 700	31 700*	30,3	94,5	13 600	33 400	80,0
82,0									25,6	90,6	12 900	32 300	82,0
84,0									20,0	85,7	12 200	31 200	84,0
86,0									11,8	78,2	11 500	29 600*	86,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



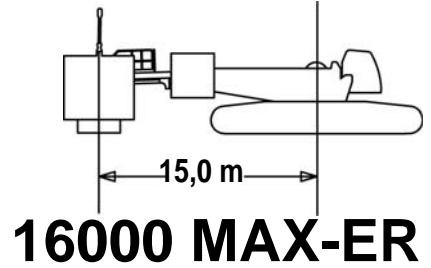
## 16000 MAX-ER

### 72,0 m (236,2 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3	61,7	124,9	39 500	46 000*									50,3
52,0	59,8	123,9	37 700	46 000*									52,0
54,0	57,6	122,7	35 700	46 000*									54,0
56,0	55,3	121,3	33 900	46 000*									56,0
58,0	52,9	119,8	32 300	46 000*									58,0
60,0	50,4	118,2	30 700	45 900*									60,0
62,0	47,9	116,4	29 300	44 800*	55,3	119,3	24 700	42 400*					62,0
64,0	45,2	114,4	27 900	43 100*	52,9	117,8	23 500	42 400*					64,0
66,0	42,4	112,3	26 600	41 500*	50,4	116,2	22 300	42 400*					66,0
68,0	39,4	109,9	25 400	39 800*	47,9	114,4	21 300	42 100*					68,0
70,0	36,3	107,3	24 300	38 100*	45,2	112,5	20 300	40 900*					70,0
72,0	32,8	104,3	23 200	36 400*	42,4	110,3	19 300	39 400*	50,2	113,5	15 500	37 700	72,0
74,0	29,0	100,9	22 200	34 700*	39,4	108,0	18 400	37 900*	47,6	111,7	14 700	36 300	74,0
76,0	24,7	96,8	21 200	32 800*	36,3	105,3	17 600	36 300*	44,9	109,8	14 000	35 000	76,0
78,0	19,4	91,7	20 200	30 900*	32,8	102,3	16 800	34 800*	42,1	107,6	13 300	33 800	78,0
80,0	12,0	84,2	19 300	28 700*	29,0	98,9	16 000	33 200*	39,2	105,2	12 600	32 600	80,0
82,0					24,7	94,8	15 200	31 500*	36,0	102,6	12 000	31 500	82,0
84,0					19,5	89,7	14 500	29 600*	32,5	99,5	11 400	30 500	84,0
86,0					12,1	82,2	13 700	27 500*	28,7	96,0	10 800	29 500	86,0
88,0									24,3	91,9	10 200	28 600	88,0
90,0									18,9	86,6	9 600	27 600*	90,0
92,0									11,1	78,7	9 000	25 600*	92,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



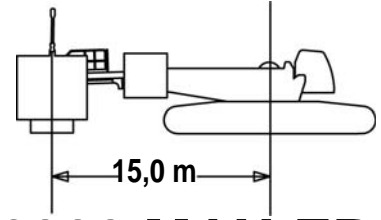
## 16000 MAX-ER

### 72,0 m (236,2 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
53,3	61,5	130,1	35 400	39 500*									53,3
54,0	60,8	129,7	34 800	39 500*									54,0
56,0	58,8	128,5	33 000	39 500*									56,0
58,0	56,8	127,2	31 400	39 500*									58,0
60,0	54,6	125,8	29 800	39 500*									60,0
62,0	52,5	124,3	28 400	39 500*									62,0
64,0	50,2	122,6	27 000	39 500*	56,8	125,2	22 500	36 300*					64,0
66,0	47,9	120,9	25 700	39 500*	54,6	123,8	21 400	36 300*					66,0
68,0	45,5	118,9	24 600	38 700*	52,5	122,3	20 300	36 300*					68,0
70,0	43,0	116,8	23 400	37 300*	50,2	120,7	19 300	36 300*					70,0
72,0	40,3	114,5	22 300	35 900*	47,9	118,9	18 400	36 300*					72,0
74,0	37,5	112,0	21 400	34 400*	45,5	117,0	17 500	36 300*					74,0
76,0	34,5	109,2	20 400	32 900*	43,0	114,8	16 700	35 500*	50,0	118,0	13 000	33 500*	76,0
78,0	31,2	106,0	19 500	31 300*	40,3	112,6	15 900	34 200*	47,7	116,2	12 300	33 000	78,0
80,0	27,6	102,3	18 600	29 700*	37,5	110,0	15 100	32 900*	45,2	114,3	11 600	31 900	80,0
82,0	23,5	98,0	17 800	28 200*	34,5	107,2	14 400	31 500*	42,7	112,2	11 000	30 800	82,0
84,0	18,5	92,6	16 900	26 700*	31,2	104,0	13 700	30 200*	40,1	109,8	10 400	29 800	84,0
86,0	11,5	84,8	16 100	24 600*	27,6	100,4	13 000	28 700*	37,2	107,3	9 800	28 800	86,0
88,0					23,5	96,1	12 400	27 300*	34,2	104,4	9 300	27 800	88,0
90,0					18,5	90,7	11 700	25 600*	30,9	101,2	8 700	26 900	90,0
92,0					11,5	82,8	11 000	23 800*	27,3	97,5	8 200	26 100	92,0
94,0									23,1	93,1	7 700	25 200	94,0
96,0									18,0	87,6	7 200	23 900*	96,0

# Liftcrane Luffing Jib Capacities

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



**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



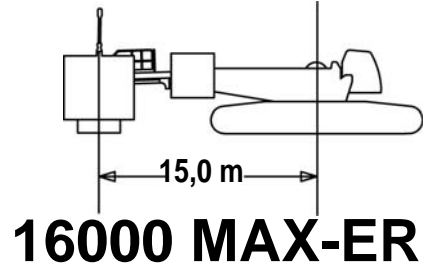
## 16000 MAX-ER

### 72,0 m (236,2 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
59,4	58,5	133,4	29 300	33 700*									59,4
60,0	58,0	133,1	28 900	33 700*									60,0
62,0	56,1	131,7	27 500	33 700*									62,0
64,0	54,1	130,3	26 100	33 700*									64,0
66,0	52,1	128,8	24 900	33 700*									66,0
68,0	50,0	127,1	23 700	33 700*	56,1	129,7	19 300	31 000*					68,0
70,0	47,9	125,3	22 600	33 700*	54,1	128,3	18 400	31 000*					70,0
72,0	45,7	123,4	21 500	33 700*	52,1	126,8	17 400	31 000*					72,0
74,0	43,4	121,3	20 500	33 400*	50,0	125,1	16 600	31 000*					74,0
76,0	41,0	119,1	19 600	32 300*	47,9	123,4	15 700	31 000*					76,0
78,0	38,5	116,6	18 700	30 800*	45,7	121,4	14 900	31 000*	51,9	124,1	11 300	28 300*	78,0
80,0	35,8	113,9	17 800	29 200*	43,4	119,4	14 200	31 000*	49,9	122,5	10 700	28 300*	80,0
82,0	33,0	110,9	17 000	27 700*	41,0	117,1	13 500	30 700*	47,7	120,7	10 000	28 300*	82,0
84,0	29,8	107,6	16 200	26 300*	38,5	114,7	12 800	29 700*	45,5	118,8	9 500	28 300	84,0
86,0	26,4	103,7	15 500	25 000*	35,8	111,9	12 200	28 500*	43,2	116,7	8 900	28 100	86,0
88,0	22,5	99,2	14 700	23 700*	33,0	109,0	11 500	27 400*	40,8	114,4	8 400	27 100	88,0
90,0	17,7	93,5	14 000	22 500*	29,9	105,6	10 900	26 200*	38,3	111,9	7 800	26 200	90,0
92,0	10,9	85,3	13 400	20 900*	26,4	101,8	10 400	24 800*	35,6	109,2	7 300	25 300	92,0
94,0					22,5	97,2	9 800	23 500*	32,7	106,2	6 900	24 500	94,0
96,0					17,7	91,6	9 200	22 100*	29,5	102,8	6 400	23 700	96,0
98,0					11,0	83,4	8 700	20 500*	26,1	98,9	5 900	23 000	98,0
100,0									22,1	94,3	5 500	21 900*	100,0
102,0									17,2	88,4	5 100	20 600*	102,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



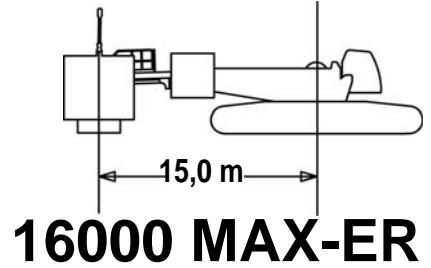
## 16000 MAX-ER

### 72,0 m (236,2 ft) Boom, 78,0 m (255,9 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



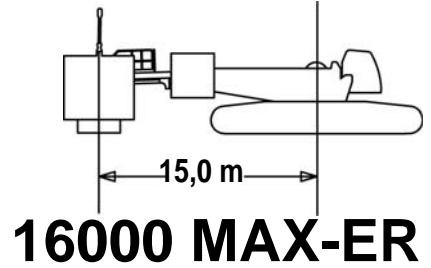
## 16000 MAX-ER

72,0 m (236,2 ft) Boom, 84,0 m (275,6 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
68,6	56,2	141,8	21 600	24 600*									68,6
70,0	55,0	140,8	20 900	24 600*									70,0
72,0	53,3	139,3	19 900	24 600*									72,0
74,0	51,6	137,7	18 900	24 600*	56,7	140,2	14 700	22 300*					74,0
76,0	49,8	136,1	17 900	24 600*	55,0	138,8	13 900	22 300*					76,0
78,0	48,0	134,3	17 100	24 600*	53,3	137,3	13 100	22 300*					78,0
80,0	46,1	132,4	16 200	24 600*	51,6	135,7	12 400	22 300*					80,0
82,0	44,1	130,4	15 400	24 600*	49,8	134,1	11 700	22 300*					82,0
84,0	42,1	128,2	14 700	24 600*	48,0	132,3	11 100	22 300*					84,0
86,0	40,0	125,8	13 900	24 100*	46,1	130,4	10 400	22 300*	51,4	133,1	7 000	20 400*	86,0
88,0	37,8	123,3	13 200	22 800*	44,1	128,4	9 800	22 300*	49,6	131,4	6 500	20 400*	88,0
90,0	35,5	120,6	12 600	21 600*	42,1	126,2	9 300	22 300*	47,8	129,6	6 000	20 400*	90,0
92,0	33,0	117,6	11 900	20 600*	40,0	123,9	8 700	22 300*	45,9	127,7	5 500	20 400*	92,0
94,0	30,4	114,3	11 300	19 500*	37,8	121,3	8 200	22 300*	43,9	125,7	5 100	20 400*	94,0
96,0	27,5	110,6	10 700	18 500*	35,5	118,6	7 700	21 700*	41,9	123,5	4 600	20 400*	96,0
98,0	24,4	106,4	10 200	17 500*	33,1	115,6	7 200	20 700*	39,8	121,1	4 200	20 400*	98,0
100,0	20,7	101,4	9 600	16 600*	30,4	112,3	6 700	19 600*	37,6	118,6	3 800	20 200*	100,0
102,0	16,3	95,2	9 100	15 700*	27,6	108,6	6 200	18 600*	35,3	115,8	3 400	19 600*	102,0
104,0	10,1	86,3	8 500	14 500*	24,4	104,4	5 800	17 600*	32,8	112,8	3 000	18 900*	104,0
106,0					20,7	99,4	5 400	16 700*	30,2	109,5	2 700	18 200*	106,0
108,0					16,3	93,3	4 900	15 800*	27,3	105,7	2 300	17 600*	108,0
110,0									24,1	101,5	1 900	16 800*	110,0
112,0									20,4	96,4	1 600	15 800*	112,0
114,0									15,8	90,1	1 300	14 800*	114,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

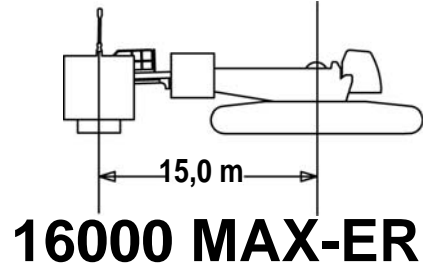
### 78,0 m (255,9 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	61,0	98,8	66 800	96 600*b									35,1
36,0	58,3	98,2	64 600	94 400*b									36,0
38,0	52,3	96,7	60 500	89 600*b									38,0
40,0	45,8	94,9	56 700	84 500*									40,0
42,0	38,4	92,5	53 300	79 200*									42,0
44,0	29,4	89,3	50 200	73 800*	53,9	95,0	44 000	78 200*b					44,0
46,0					47,5	93,3	41 600	74 300					46,0
48,0					40,4	91,1	39 300	70 600					48,0
50,0					31,9	88,1	37 200	67 100					50,0
52,0									48,5	90,8	30 200	60 200b	52,0
54,0									41,5	88,7	28 700	57 500	54,0
56,0									33,3	85,9	27 200	55 000	56,0
58,0									22,4	81,8	25 700	52 600	58,0

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# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 78,0 m (255,9 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

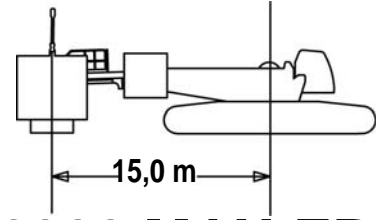
Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	60,7	104,0	59 700	84 500* <sup>b</sup>									38,1
40,0	56,3	102,7	56 200	81 200*									40,0
42,0	51,5	101,2	52 900	77 500*									42,0
44,0	46,3	99,4	49 900	73 600*									44,0
46,0	40,6	97,2	47 100	69 700*									46,0
48,0	34,1	94,4	44 600	65 700*	52,8	99,5	38 700	70 000					48,0
50,0	26,1	90,7	42 200	61 600*	47,7	97,7	36 600	66 700					50,0
52,0					42,1	95,6	34 800	63 600					52,0
54,0					35,8	93,0	33 000	60 700					54,0
56,0					28,3	89,6	31 300	58 100	48,4	95,3	26 600	54 500	56,0
58,0									43,0	93,3	25 200	52 200	58,0
60,0									36,8	90,7	24 000	50 000	60,0
62,0									29,5	87,5	22 800	48 000	62,0
64,0									19,8	82,8	21 600	46 100	64,0

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# Liftcrane Luffing Jib Capacities

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



**16000 MAX-ER**

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Luffing Jib No. 59 On Boom No. 58 HL  
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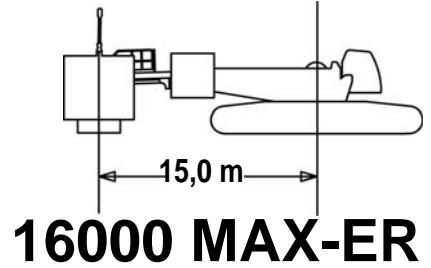
## 16000 MAX-ER

78,0 m (255,9 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	60,5	109,2	53 300	73 700*									41,1
42,0	58,9	108,6	51 900	73 200*									42,0
44,0	55,0	107,3	48 900	71 000*									44,0
46,0	51,0	105,7	46 300	68 000*									46,0
48,0	46,6	103,9	43 800	65 000*									48,0
50,0	42,0	101,7	41 500	61 900*									50,0
52,0	36,8	99,2	39 400	58 900*	52,0	104,0	33 800	62 800					52,0
54,0	30,9	96,0	37 400	55 700*	47,8	102,2	32 100	60 000					54,0
56,0	23,7	91,9	35 500	52 300*	43,2	100,2	30 500	57 400					56,0
58,0					38,2	97,7	29 000	55 000	52,6	101,5	24 200	51 300	58,0
60,0					32,5	94,8	27 600	52 700	48,4	99,8	23 000	49 200	60,0
62,0					25,7	91,0	26 300	50 600	43,9	97,8	21 900	47 200	62,0
64,0					16,2	85,4	24 900	48 500	39,0	95,4	20 800	45 400	64,0
66,0									33,4	92,6	19 800	43 600	66,0
68,0									26,8	88,9	18 800	42 000	68,0
70,0									17,9	83,7	17 900	40 400	70,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL  
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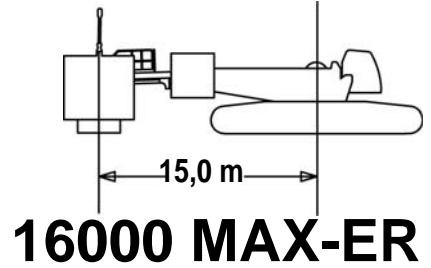
## 16000 MAX-ER

### 78,0 m (255,9 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	62,7	115,2	50 200	63 500*									42,7
44,0	60,6	114,4	48 300	63 500*									44,0
46,0	57,4	113,2	45 500	63 500*									46,0
48,0	54,1	111,8	43 100	62 800*									48,0
50,0	50,6	110,2	40 900	60 200*									50,0
52,0	46,9	108,3	38 800	57 800*									52,0
54,0	42,9	106,2	36 800	55 400*	54,9	110,0	31 400	59 300					54,0
56,0	38,7	103,8	35 000	52 900*	51,5	108,4	29 800	56 700					56,0
58,0	33,9	101,0	33 400	50 400*	47,8	106,7	28 300	54 300					58,0
60,0	28,5	97,6	31 800	47 800*	44,0	104,7	27 000	52 100					60,0
62,0	21,8	93,1	30 300	45 000*	39,8	102,3	25 700	50 100					62,0
64,0	11,7	86,0	28 800	41 900*	35,2	99,6	24 400	48 100	48,4	104,3	20 000	44 700	64,0
66,0					30,0	96,4	23 300	46 200	44,5	102,3	19 100	43 000	66,0
68,0					23,7	92,2	22 200	44 500	40,4	100,0	18 100	41 400	68,0
70,0					14,9	86,2	21 100	42 900	35,9	97,4	17 300	39 900	70,0
72,0									30,8	94,2	16 400	38 500	72,0
74,0									24,7	90,2	15 600	37 100	74,0
76,0									16,5	84,6	14 800	35 800	76,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



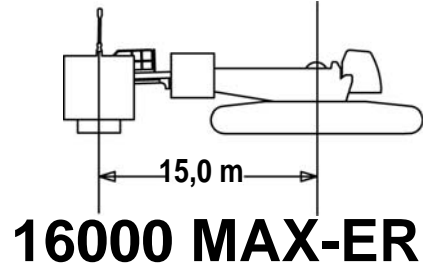
## 16000 MAX-ER

### 78,0 m (255,9 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	62,3	120,3	44 900	54 900*									45,7
46,0	61,9	120,2	44 600	54 900*									46,0
48,0	59,2	119,0	42 100	54 900*									48,0
50,0	56,3	117,7	39 900	54 900*									50,0
52,0	53,3	116,3	37 800	54 700*									52,0
54,0	50,3	114,6	35 900	53 100*									54,0
56,0	47,0	112,8	34 200	51 100*									56,0
58,0	43,6	110,8	32 500	49 100*	54,1	114,5	27 300	52 100					58,0
60,0	40,0	108,5	31 000	47 100*	51,1	112,9	25 900	51 500					60,0
62,0	36,0	105,8	29 500	45 100*	47,9	111,2	24 700	49 200					62,0
64,0	31,6	102,7	28 200	43 000*	44,5	109,2	23 500	47 300					64,0
66,0	26,6	99,0	26 900	40 900*	40,9	106,9	22 400	45 500	51,5	110,5	18 000	42 200	66,0
68,0	20,3	94,1	25 700	38 600*	37,0	104,4	21 400	43 800	48,3	108,7	17 100	40 600	68,0
70,0	10,9	86,5	24 400	35 900*	32,8	101,4	20 400	42 200	45,0	106,8	16 200	39 100	70,0
72,0					27,9	97,9	19 400	40 700	41,5	104,6	15 500	37 700	72,0
74,0					22,1	93,4	18 500	39 200	37,6	102,1	14 700	36 300	74,0
76,0					13,9	86,8	17 600	37 400	33,4	99,2	13 900	35 100	76,0
78,0									28,7	95,7	13 200	33 900	78,0
80,0									23,0	91,4	12 600	32 700	80,0
82,0									15,4	85,4	11 900	31 600	82,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



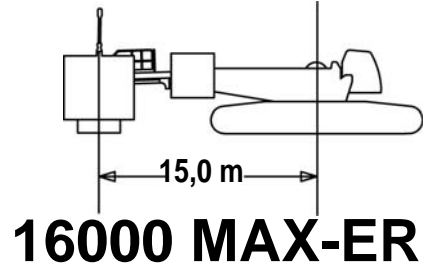
## 16000 MAX-ER

### 78,0 m (255,9 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	62,0	125,5	40 500	47 700*									48,8
50,0	60,5	124,8	39 100	47 700*									50,0
52,0	58,0	123,6	37 100	47 700*									52,0
54,0	55,4	122,2	35 200	47 700*									54,0
56,0	52,8	120,7	33 400	47 700*									56,0
58,0	50,0	119,1	31 800	47 500*									58,0
60,0	47,2	117,3	30 300	45 900*	56,1	120,5	25 100	44 700*					60,0
62,0	44,2	115,3	28 900	44 200*	53,5	119,0	23 900	44 700*					62,0
64,0	41,0	113,0	27 500	42 500*	50,7	117,4	22 800	44 700*					64,0
66,0	37,6	110,5	26 300	40 900*	47,9	115,6	21 700	44 500					66,0
68,0	33,8	107,6	25 100	39 200*	44,9	113,7	20 700	43 200					68,0
70,0	29,7	104,3	24 000	37 400*	41,8	111,5	19 700	41 600					70,0
72,0	25,0	100,3	22 900	35 600*	38,4	109,1	18 700	40 100	48,3	113,2	14 600	37 000	72,0
74,0	19,1	95,1	21 900	33 600*	34,8	106,3	17 900	38 700	45,4	111,3	13 900	35 700	74,0
76,0	10,2	87,0	20 800	31 300*	30,8	103,1	17 000	37 400	42,3	109,1	13 200	34 400	76,0
78,0					26,2	99,3	16 300	36 100	39,0	106,7	12 500	33 300	78,0
80,0					20,7	94,5	15 400	34 700	35,4	104,0	11 900	32 100	80,0
82,0					13,0	87,5	14 700	32 800*	31,4	100,9	11 300	31 000	82,0
84,0									27,0	97,2	10 600	30 000	84,0
86,0									21,6	92,6	10 100	29 000	86,0
88,0									14,4	86,1	9 500	28 100	88,0

# Liftcrane Luffing Jib Capacities

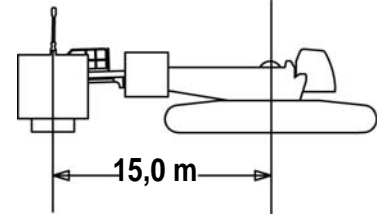
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
142 360 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



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# Liftcrane Luffing Jib Capacities

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



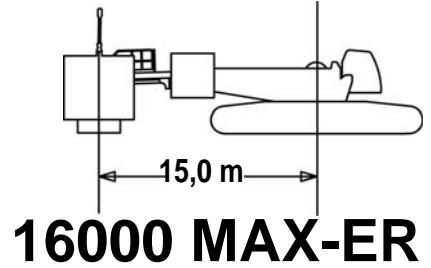
## 16000 MAX-ER

### 78,0 m (255,9 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
51,8	61,7	130,7	36 300	41 100*									51,8
52,0	61,5	130,6	36 100	41 100*									52,0
54,0	59,3	129,4	34 200	41 100*									54,0
56,0	57,1	128,1	32 500	41 100*									56,0
58,0	54,7	126,7	30 900	41 100*									58,0
60,0	52,3	125,2	29 400	41 100*									60,0
62,0	49,9	123,6	27 900	41 100*									62,0
64,0	47,3	121,8	26 600	41 100*	55,3	125,0	21 700	38 200*					64,0
66,0	44,6	119,8	25 400	39 800*	52,9	123,5	20 700	38 200*					66,0
68,0	41,7	117,6	24 200	38 400*	50,5	121,9	19 600	38 200*					68,0
70,0	38,7	115,2	23 100	36 900*	47,9	120,1	18 700	38 200*					70,0
72,0	35,5	112,4	22 100	35 600*	45,3	118,2	17 800	38 200*					72,0
74,0	32,0	109,4	21 100	34 100*	42,5	116,0	16 900	37 800	50,9	119,4	12 800	34 800	74,0
76,0	28,1	105,8	20 200	32 600*	39,5	113,7	16 100	36 600	48,3	117,7	12 100	33 600	76,0
78,0	23,6	101,5	19 200	31 000*	36,4	111,0	15 400	35 300	45,7	115,8	11 500	32 400	78,0
80,0	18,1	96,1	18 400	29 300*	32,9	108,1	14 600	34 100	42,9	113,7	10 900	31 300	80,0
82,0	9,6	87,5	17 500	27 300*	29,2	104,6	13 900	33 000	40,0	111,3	10 300	30 300	82,0
84,0					24,8	100,6	13 200	31 900	36,8	108,7	9 700	29 300	84,0
86,0					19,6	95,5	12 600	30 600*	33,5	105,8	9 200	28 300	86,0
88,0					12,3	88,1	11 900	28 600*	29,7	102,5	8 600	27 400	88,0
90,0									25,5	98,5	8 100	26 500	90,0
92,0									20,5	93,6	7 600	25 600	92,0
94,0									13,6	86,8	7 100	24 800	94,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



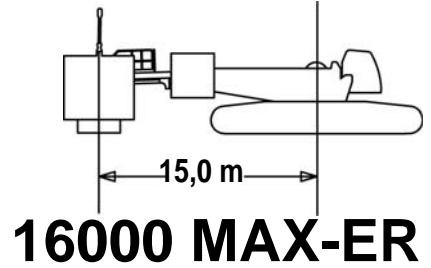
## 16000 MAX-ER

### 78,0 m (255,9 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

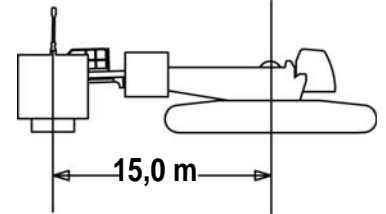
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
142 360 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



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# Liftcrane Luffing Jib Capacities

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



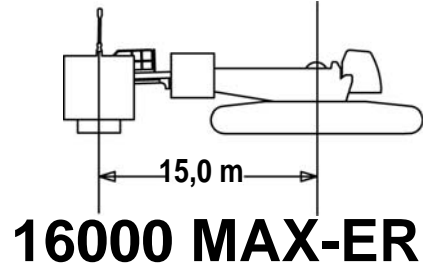
## 16000 MAX-ER

### 78,0 m (255,9 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

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

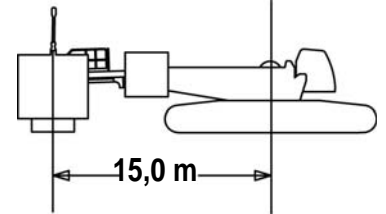


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# Liftcrane Luffing Jib Capacities

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



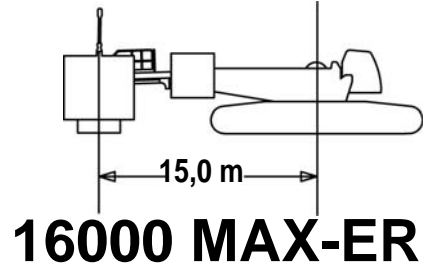
## 16000 MAX-ER

### 78,0 m (255,9 ft) Boom, 78,0 m (255,9 ft) Luffing Jib

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

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



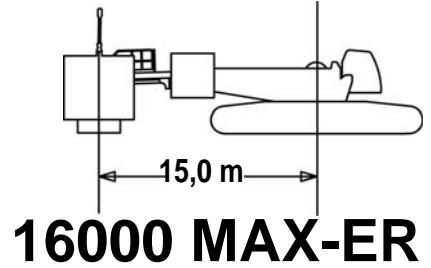
## 16000 MAX-ER

78,0 m (255,9 ft) Boom, 84,0 m (275,6 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
70,1	56,2	147,6	19 600	22 700*									70,1
72,0	54,6	146,2	18 600	22 700*									72,0
74,0	52,9	144,7	17 700	22 700*									74,0
76,0	51,2	143,2	16 800	22 700*	56,7	145,9	12 400	20 600*					76,0
78,0	49,4	141,5	15 900	22 700*	55,0	144,5	11 600	20 600*					78,0
80,0	47,5	139,7	15 100	22 700*	53,3	143,0	10 900	20 600*					80,0
82,0	45,6	137,7	14 400	22 700*	51,6	141,4	10 300	20 600*					82,0
84,0	43,7	135,7	13 600	22 700*	49,8	139,8	9 600	20 600*					84,0
86,0	41,7	133,5	12 900	22 700*	48,0	138,0	9 100	20 600*					86,0
88,0	39,5	131,1	12 300	22 700*	46,1	136,1	8 500	20 600*	51,9	139,0	4 800	18 700*	88,0
90,0	37,3	128,5	11 600	22 300*	44,2	134,1	8 000	20 600*	50,1	137,3	4 300	18 700*	90,0
92,0	35,0	125,7	11 000	21 400*	42,2	131,9	7 400	20 600*	48,3	135,6	3 900	18 700*	92,0
94,0	32,5	122,7	10 400	20 300*	40,1	129,6	6 900	20 600*	46,4	133,7	3 500	18 700*	94,0
96,0	29,8	119,3	9 900	19 300*	37,9	127,0	6 400	20 600*	44,5	131,7	3 100	18 700*	96,0
98,0	26,9	115,5	9 300	18 300*	35,6	124,3	6 000	20 600*	42,5	129,5	2 700	18 700*	98,0
100,0	23,6	111,1	8 800	17 300*	33,1	121,3	5 500	20 400*	40,4	127,2	2 300	18 700*	100,0
102,0	19,8	106,0	8 300	16 400*	30,5	118,0	5 100	19 700*	38,2	124,7	2 000	18 100*	102,0
104,0	15,1	99,4	7 700	15 500*	27,6	114,3	4 700	18 600*	35,9	122,0	1 600	17 500*	104,0
106,0	8,0	89,2	7 200	13 700*	24,5	110,2	4 300	17 600*	33,5	119,1	1 300	16 800*	106,0
108,0					20,8	105,2	3 800	16 700*	30,9	115,8	900	16 200*	108,0
110,0					16,4	99,1	3 500	15 800*	28,1	112,2		15 600*	110,0
112,0					10,3	90,3	3 000	14 900*	25,0	108,1		15 000*	112,0
114,0									21,4	103,3		14 400*	114,0
116,0									17,2	97,4		13 800*	116,0
118,0									11,4	89,3		13 300*	118,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

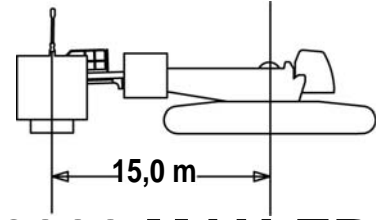
### 84,0 m (275,6 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	61,0	104,6	61 100	83 700*b									36,6
38,0	57,0	103,7	58 300	81 900*b									38,0
40,0	50,9	102,2	54 700	77 700*b									40,0
42,0	44,3	100,2	51 400	73 300*									42,0
44,0	36,6	97,7	48 400	68 600*									44,0
46,0	27,0	94,2	45 700	63 800*	54,0	100,7	39 100	72 400b					46,0
48,0					47,7	98,9	36 900	68 700b					48,0
50,0					40,6	96,7	35 000	65 500					50,0
52,0					32,2	93,8	33 100	62 400					52,0
54,0					20,7	89,5	31 300	59 400	50,2	96,8	26 000	55 500b	54,0
56,0									43,5	94,8	24 600	53 100	56,0
58,0									35,7	92,2	23 400	50 800	58,0
60,0									25,8	88,6	22 100	48 700	60,0

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# Liftcrane Luffing Jib Capacities

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



**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

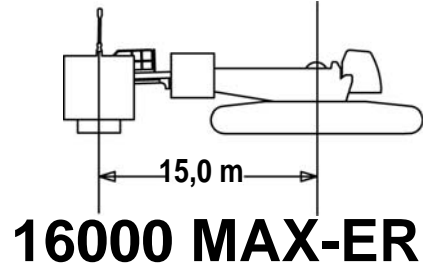
### 84,0 m (275,6 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	60,7	109,8	54 700	72 800* <sup>b</sup>									39,6
40,0	59,9	109,6	54 100	72 700* <sup>b</sup>									40,0
42,0	55,3	108,2	50 800	71 400*									42,0
44,0	50,4	106,6	47 900	67 900*									44,0
46,0	45,1	104,7	45 300	64 500*									46,0
48,0	39,2	102,4	42 800	60 900*									48,0
50,0	32,5	99,4	40 600	57 400*	52,9	105,2	34 300	64 900					50,0
52,0	24,0	95,5	38 400	53 700*	47,8	103,4	32 500	61 900					52,0
54,0					42,3	101,3	30 900	59 100					54,0
56,0					36,0	98,7	29 300	56 500					56,0
58,0					28,5	95,4	27 900	54 100	49,8	101,2	22 700	50 300	58,0
60,0					18,3	90,4	26 400	51 200*	44,5	99,3	21 500	48 200	60,0
62,0									38,5	96,9	20 500	46 300	62,0
64,0									31,6	93,9	19 500	44 500	64,0
66,0									22,8	89,7	18 400	42 700	66,0

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# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

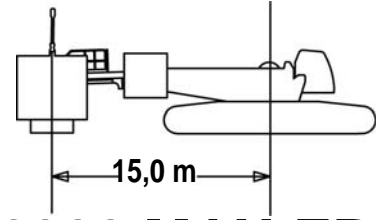
### 84,0 m (275,6 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms		
42,7	60,5	115,0	48 800	63 400*										42,7
44,0	58,0	114,1	47 000	63 300*										44,0
46,0	54,1	112,7	44 400	62 200*										46,0
48,0	50,0	111,1	42 000	59 600*										48,0
50,0	45,6	109,2	39 800	56 900*										50,0
52,0	40,9	107,0	37 700	54 200*	56,1	111,2	31 500	60 600						52,0
54,0	35,6	104,3	35 800	51 400*	52,1	109,7	29 900	58 300						54,0
56,0	29,4	101,0	34 100	48 600*	47,9	107,9	28 400	55 700						56,0
58,0	21,7	96,6	32 400	45 500*	43,3	105,8	27 000	53 400						58,0
60,0					38,3	103,4	25 700	51 200						60,0
62,0					32,7	100,5	24 400	49 200	49,6	105,7	19 400	45 400		62,0
64,0					25,9	96,7	23 200	46 800	45,1	103,8	18 500	43 600		64,0
66,0					16,5	91,2	22 000	43 500*	40,3	101,5	17 500	41 900		66,0
68,0									35,0	98,8	16 700	40 400		68,0
70,0									28,7	95,4	15 800	38 900		70,0
72,0									20,7	90,8	15 000	37 500		72,0



# Liftcrane Luffing Jib Capacities

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



**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



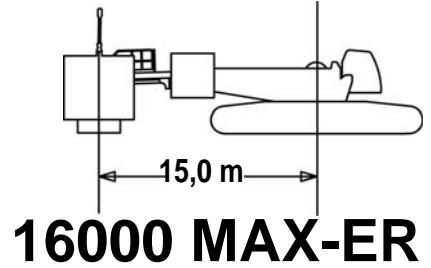
## 16000 MAX-ER

### 84,0 m (275,6 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	62,7	121,0	45 900	55 100*									44,2
46,0	59,9	120,0	43 600	55 100*									46,0
48,0	56,7	118,7	41 300	55 100*									48,0
50,0	53,3	117,2	39 100	54 300*									50,0
52,0	49,8	115,6	37 100	52 300*									52,0
54,0	46,0	113,7	35 200	50 100*									54,0
56,0	42,0	111,5	33 500	48 000*	55,0	115,7	27 600	52 600*					56,0
58,0	37,7	109,1	31 900	45 800*	51,6	114,1	26 200	52 400*					58,0
60,0	32,8	106,1	30 400	43 500*	47,9	112,4	25 000	50 500					60,0
62,0	27,1	102,5	28 900	41 200*	44,1	110,4	23 700	48 600					62,0
64,0	20,0	97,6	27 600	38 700*	39,9	108,1	22 600	46 500	52,9	111,8	17 600	42 900	64,0
66,0					35,3	105,3	21 500	44 500*	49,4	110,2	16 800	41 300	66,0
68,0					30,1	102,1	20 500	42 300*	45,6	108,3	15 900	39 700	68,0
70,0					23,9	98,0	19 500	39 900*	41,5	106,1	15 100	38 300	70,0
72,0					15,2	92,0	18 500	37 200*	37,1	103,6	14 400	36 900	72,0
74,0									32,2	100,6	13 600	35 600	74,0
76,0									26,4	96,8	12 900	34 400	76,0
78,0									19,1	91,8	12 200	33 200	78,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



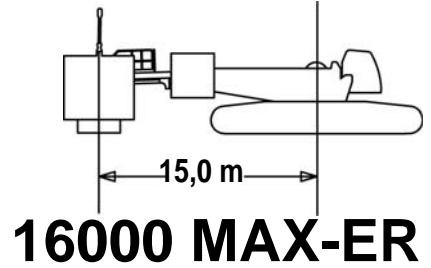
## 16000 MAX-ER

### 84,0 m (275,6 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	62,3	126,2	41 100	48 100*									47,2
48,0	61,3	125,7	40 200	48 100*									48,0
50,0	58,5	124,5	38 100	48 100*									50,0
52,0	55,6	123,2	36 100	48 100*									52,0
54,0	52,7	121,7	34 300	47 800*									54,0
56,0	49,6	120,0	32 600	46 500*									56,0
58,0	46,3	118,2	31 000	44 700*	57,1	121,6	25 100	45 600*					58,0
60,0	42,8	116,1	29 500	42 900*	54,2	120,2	23 900	45 600*					60,0
62,0	39,1	113,7	28 100	41 100*	51,1	118,6	22 700	45 600*					62,0
64,0	35,1	110,9	26 800	39 300*	48,0	116,8	21 600	45 000*					64,0
66,0	30,6	107,7	25 600	37 400*	44,6	114,9	20 600	43 400*					66,0
68,0	25,3	103,8	24 400	35 500*	41,0	112,6	19 600	41 800*					68,0
70,0	18,6	98,6	23 300	33 400*	37,2	110,1	18 600	40 100*	49,2	114,7	14 000	37 400	70,0
72,0					32,9	107,1	17 800	38 300*	45,9	112,8	13 300	36 000	72,0
74,0					28,0	103,6	16 900	36 400*	42,4	110,6	12 600	34 700	74,0
76,0					22,2	99,2	16 100	34 400*	38,7	108,2	11 900	33 500	76,0
78,0					14,2	92,7	15 200	32 100*	34,6	105,4	11 300	32 400	78,0
80,0									30,0	102,2	10 700	31 300	80,0
82,0									24,6	98,1	10 100	30 200	82,0
84,0									17,7	92,7	9 500	29 200	84,0

# Liftcrane Luffing Jib Capacities

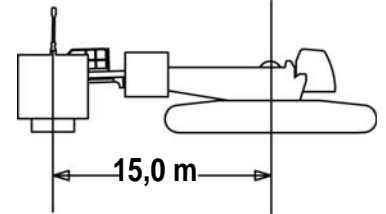
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
142 360 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



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# Liftcrane Luffing Jib Capacities

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



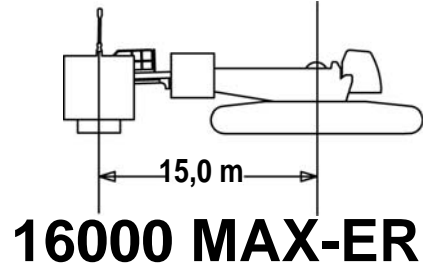
## 16000 MAX-ER

### 84,0 m (275,6 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3	62,0	131,3	37 000	42 100*									50,3
52,0	59,9	130,4	35 300	42 100*									52,0
54,0	57,4	129,1	33 500	42 100*									54,0
56,0	54,8	127,7	31 800	42 100*									56,0
58,0	52,2	126,2	30 300	42 100*									58,0
60,0	49,4	124,5	28 800	41 600*									60,0
62,0	46,5	122,7	27 400	40 000*	56,2	126,1	21 900	39 500*					62,0
64,0	43,5	120,6	26 100	38 600*	53,5	124,7	20 800	39 500*					64,0
66,0	40,2	118,3	24 900	37 100*	50,8	123,1	19 800	39 500*					66,0
68,0	36,8	115,7	23 800	35 600*	48,0	121,3	18 800	39 500*					68,0
70,0	33,0	112,7	22 700	34 000*	45,0	119,4	17 900	39 000*					70,0
72,0	28,7	109,3	21 700	32 400*	41,9	117,2	17 000	37 700*	51,9	120,8	12 400	35 400	72,0
74,0	23,8	105,1	20 700	30 700*	38,5	114,7	16 200	36 300*	49,1	119,1	11 800	34 100	74,0
76,0	17,5	99,5	19 700	28 900*	34,9	112,0	15 400	34 800*	46,2	117,2	11 100	32 900	76,0
78,0					30,9	108,8	14 700	33 300*	43,1	115,2	10 500	31 700	78,0
80,0					26,4	105,0	14 000	31 700*	39,9	112,8	9 900	30 700	80,0
82,0					20,9	100,2	13 300	29 900*	36,4	110,2	9 400	29 600	82,0
84,0									32,5	107,2	8 800	28 700	84,0
86,0									28,2	103,7	8 300	27 700	86,0
88,0									23,2	99,3	7 800	26 800	88,0
90,0									16,7	93,6	7 300	25 900	90,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



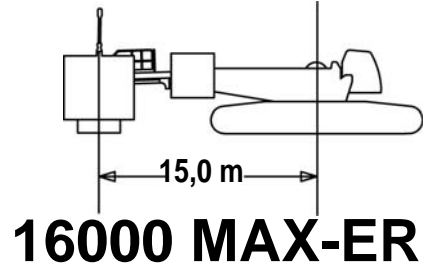
## 16000 MAX-ER

### 84,0 m (275,6 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
54,9	60,1	135,6	31 700	36 700*									54,9
56,0	58,8	134,9	30 800	36 700*									56,0
58,0	56,5	133,6	29 300	36 700*									58,0
60,0	54,2	132,2	27 800	36 700*									60,0
62,0	51,8	130,7	26 500	36 700*									62,0
64,0	49,3	129,0	25 200	36 700*	57,7	132,0	19 700	34 100*					64,0
66,0	46,7	127,1	24 000	35 800*	55,4	130,7	18 700	34 100*					66,0
68,0	44,0	125,1	22 900	34 600*	53,0	129,2	17 800	34 100*					68,0
70,0	41,1	122,9	21 800	33 300*	50,6	127,6	16 900	34 100*					70,0
72,0	38,0	120,4	20 900	32 000*	48,0	125,8	16 000	34 100*					72,0
74,0	34,8	117,6	19 900	30 700*	45,3	123,8	15 200	34 100*					74,0
76,0	31,2	114,4	19 000	29 400*	42,6	121,7	14 500	33 700*					76,0
78,0	27,2	110,7	18 100	28 000*	39,6	119,4	13 700	32 600*	49,0	123,6	9 400	30 900	78,0
80,0	22,5	106,2	17 300	26 500*	36,4	116,7	13 100	31 400*	46,4	121,7	8 900	29 800	80,0
82,0	16,6	100,4	16 400	25 000*	33,0	113,8	12 400	30 200*	43,7	119,7	8 300	28 800	82,0
84,0					29,3	110,4	11 800	28 900*	40,8	117,4	7 800	27 800	84,0
86,0					24,9	106,3	11 100	27 400*	37,7	114,9	7 300	26 900	86,0
88,0					19,8	101,3	10 500	25 900*	34,4	112,1	6 800	26 000	88,0
90,0									30,8	108,8	6 400	25 200*	90,0
92,0									26,7	105,1	5 900	24 300*	92,0
94,0									21,9	100,5	5 500	23 400*	94,0
96,0									15,8	94,4	5 000	22 600*	96,0

# Liftcrane Luffing Jib Capacities

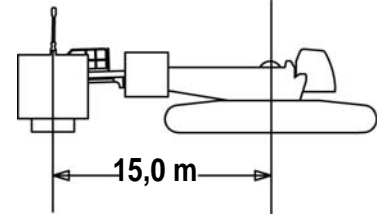
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
142 360 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



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# Liftcrane Luffing Jib Capacities

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



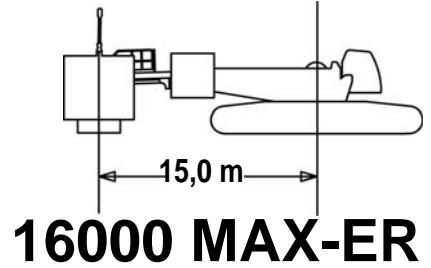
## 16000 MAX-ER

### 84,0 m (275,6 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
57,9	60,0	140,8	28 400	32 000*									57,9
58,0	59,9	140,7	28 300	32 000*									58,0
60,0	57,9	139,5	26 900	32 000*									60,0
62,0	55,8	138,2	25 500	32 000*									62,0
64,0	53,7	136,7	24 300	32 000*									64,0
66,0	51,5	135,1	23 100	32 000*									66,0
68,0	49,2	133,4	22 000	32 000*	56,9	136,6	16 800	29 500*					68,0
70,0	46,8	131,6	20 900	31 900*	54,8	135,2	15 900	29 500*					70,0
72,0	44,4	129,6	20 000	30 900*	52,6	133,7	15 000	29 500*					72,0
74,0	41,8	127,4	19 000	29 800*	50,3	132,0	14 200	29 500*					74,0
76,0	39,1	125,0	18 100	28 700*	48,0	130,3	13 500	29 500*					76,0
78,0	36,2	122,3	17 300	27 600*	45,6	128,3	12 800	29 500*					78,0
80,0	33,1	119,4	16 500	26 500*	43,1	126,2	12 100	29 500*	51,2	129,8	7 800	27 600*	80,0
82,0	29,7	116,0	15 700	25 300*	40,5	123,9	11 500	29 200*	48,9	128,1	7 300	27 600*	82,0
84,0	25,9	112,1	14 900	24 100*	37,7	121,4	10 800	28 200*	46,6	126,2	6 800	26 900*	84,0
86,0	21,4	107,4	14 200	22 900*	34,7	118,6	10 200	27 200*	44,1	124,2	6 300	25 900*	86,0
88,0	15,8	101,2	13 500	21 500*	31,4	115,5	9 700	26 100*	41,5	122,0	5 800	25 000*	88,0
90,0					27,8	111,8	9 100	24 900*	38,8	119,5	5 400	24 100*	90,0
92,0					23,7	107,6	8 600	23 700*	35,9	116,8	5 000	23 300*	92,0
94,0					18,8	102,2	8 100	22 300*	32,7	113,8	4 600	22 400*	94,0
96,0					12,0	94,6	7 500	20 800*	29,3	110,4	4 200	21 600*	96,0
98,0									25,4	106,4	3 800	20 900*	98,0
100,0									20,9	101,6	3 400	20 100*	100,0
102,0									15,0	95,2	3 000	19 400*	102,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



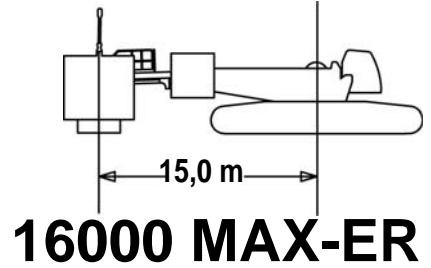
## 16000 MAX-ER

### 84,0 m (275,6 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
62,5	58,6	145,0	24 300	27 600*									62,5
64,0	57,1	144,1	23 300	27 600*									64,0
66,0	55,2	142,7	22 100	27 600*									66,0
68,0	53,2	141,2	21 100	27 600*									68,0
70,0	51,2	139,6	20 000	27 600*									70,0
72,0	49,1	137,9	19 100	27 600*	56,2	141,1	14 000	25 500*					72,0
74,0	46,9	136,1	18 100	27 600*	54,2	139,7	13 200	25 500*					74,0
76,0	44,7	134,1	17 200	27 100*	52,2	138,1	12 500	25 500*					76,0
78,0	42,4	131,9	16 400	26 200*	50,2	136,5	11 800	25 500*					78,0
80,0	39,9	129,6	15 600	25 300*	48,0	134,7	11 100	25 500*					80,0
82,0	37,3	127,0	14 900	24 400*	45,8	132,8	10 500	25 500*					82,0
84,0	34,6	124,2	14 100	23 400*	43,5	130,7	9 900	25 500*	51,0	134,3	5 800	23 600*	84,0
86,0	31,6	121,1	13 500	22 400*	41,2	128,5	9 300	25 400*	48,9	132,5	5 300	23 600*	86,0
88,0	28,4	117,5	12 800	21 400*	38,6	126,1	8 800	24 900*	46,7	130,7	4 800	23 600*	88,0
90,0	24,7	113,4	12 200	20 400*	36,0	123,4	8 200	24 000*	44,4	128,7	4 400	23 000*	90,0
92,0	20,5	108,4	11 500	19 300*	33,1	120,4	7 700	23 000*	42,1	126,5	4 000	22 200*	92,0
94,0	15,0	101,9	10 900	18 000*	30,0	117,1	7 200	22 100*	39,6	124,2	3 600	21 400*	94,0
96,0	5,6	90,2	10 300	16 500*	26,6	113,3	6 800	21 000*	37,0	121,6	3 200	20 600*	96,0
98,0					22,7	108,8	6 300	20 000*	34,3	118,7	2 900	19 900*	98,0
100,0					18,0	103,2	5 900	18 800*	31,3	115,5	2 500	19 200*	100,0
102,0					11,4	95,2	5 400	17 500*	28,0	111,9	2 100	18 400*	102,0
104,0									24,3	107,7	1 800	17 800*	104,0
106,0									19,9	102,6	1 400	17 100*	106,0
108,0									14,3	95,9	1 100	16 500*	108,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



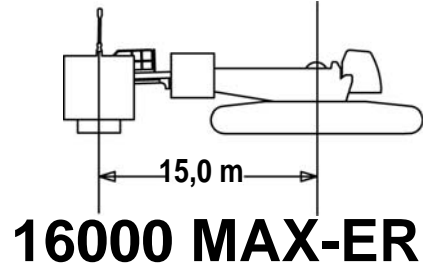
## 16000 MAX-ER

### 84,0 m (275,6 ft) Boom, 78,0 m (255,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
67,1	57,3	149,2	20 800	24 000*									67,1
68,0	56,5	148,6	20 300	24 000*									68,0
70,0	54,7	147,2	19 200	24 000*									70,0
72,0	52,8	145,7	18 300	24 000*									72,0
74,0	51,0	144,1	17 300	24 000*									74,0
76,0	49,0	142,4	16 500	24 000*	55,6	145,6	11 700	22 200*					76,0
78,0	47,0	140,6	15 700	24 000*	53,8	144,2	11 000	22 200*					78,0
80,0	45,0	138,6	14 900	24 000*	51,9	142,6	10 300	22 200*					80,0
82,0	42,8	136,5	14 100	23 600*	50,0	141,0	9 700	22 200*					82,0
84,0	40,6	134,2	13 400	22 700*	48,0	139,2	9 100	22 200*					84,0
86,0	38,3	131,7	12 800	21 900*	46,0	137,3	8 500	22 200*					86,0
88,0	35,8	129,0	12 100	21 100*	43,9	135,3	8 000	22 200*	50,8	138,7	4 000	20 500*	88,0
90,0	33,2	126,0	11 400	20 300*	41,7	133,1	7 500	22 200*	48,8	137,0	3 600	20 500*	90,0
92,0	30,3	122,7	10 900	19 400*	39,4	130,7	7 000	22 100*	46,8	135,2	3 100	20 500*	92,0
94,0	27,2	119,0	10 300	18 500*	37,0	128,1	6 500	21 600*	44,7	133,2	2 800	20 300*	94,0
96,0	23,7	114,7	9 700	17 600*	34,5	125,2	6 000	20 800*	42,6	131,0	2 400	19 700*	96,0
98,0	19,6	109,5	9 200	16 500*	31,8	122,1	5 600	20 000*	40,3	128,7	2 000	19 000*	98,0
100,0	14,4	102,7	8 600	15 500*	28,8	118,6	5 200	19 100*	38,0	126,2	1 700	18 300*	100,0
102,0	5,3	90,5	8 100	14 100*	25,5	114,6	4 700	18 200*	35,5	123,5	1 300	17 600*	102,0
104,0					21,8	109,9	4 300	17 200*	32,8	120,5	1 000	16 900*	104,0
106,0					17,2	104,1	3 900	16 200*	30,0	117,1		16 300*	106,0
108,0					10,9	95,7	3 500	15 000*	26,8	113,3		15 700*	108,0
110,0									23,3	108,9		15 100*	110,0
112,0									19,1	103,6		14 500*	112,0
114,0									13,7	96,6		14 000*	114,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



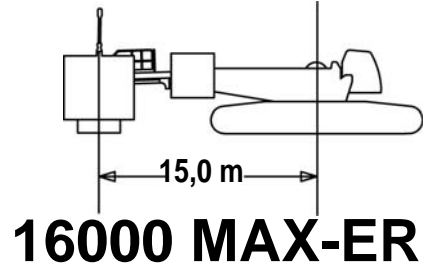
## 16000 MAX-ER

### 84,0 m (275,6 ft) Boom, 84,0 m (275,6 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
70,1	57,5	154,4	18 200	20 800*									70,1
72,0	55,9	153,1	17 300	20 800*									72,0
74,0	54,2	151,7	16 300	20 800*									74,0
76,0	52,5	150,2	15 500	20 800*									76,0
78,0	50,8	148,6	14 700	20 800*	56,7	151,5	9 900	19 000*					78,0
80,0	49,0	146,9	13 900	20 800*	55,1	150,1	9 300	19 000*					80,0
82,0	47,1	145,0	13 200	20 800*	53,4	148,7	8 700	19 000*					82,0
84,0	45,2	143,1	12 500	20 800*	51,7	147,1	8 100	19 000*					84,0
86,0	43,2	141,0	11 800	20 700*	49,9	145,4	7 500	19 000*					86,0
88,0	41,2	138,7	11 200	20 200*	48,1	143,7	7 000	19 000*					88,0
90,0	39,0	136,3	10 600	19 500*	46,2	141,8	6 500	19 000*	52,3	144,8	2 500	17 300*	90,0
92,0	36,8	133,7	10 000	18 800*	44,2	139,8	6 000	19 000*	50,6	143,2	2 100	17 300*	92,0
94,0	34,4	130,9	9 400	18 000*	42,2	137,6	5 500	19 000*	48,8	141,5	1 700	17 300*	94,0
96,0	31,9	127,7	8 900	17 300*	40,1	135,3	5 100	19 000*	46,9	139,6	1 300	17 300*	96,0
98,0	29,2	124,3	8 400	16 500*	37,9	132,7	4 600	19 000*	45,0	137,7	1 000	17 300*	98,0
100,0	26,2	120,4	7 800	15 700*	35,6	130,0	4 200	18 600*	43,0	135,6		17 100*	100,0
102,0	22,8	115,8	7 300	14 900*	33,2	127,0	3 800	17 900*	41,0	133,3		16 500*	102,0
104,0	18,9	110,4	6 800	14 000*	30,6	123,7	3 400	17 100*	38,8	130,9		15 800*	104,0
106,0	13,9	103,4	6 400	13 000*	27,7	120,1	3 000	16 300*	36,5	128,2		15 200*	106,0
108,0	5,1	90,7	5 800	11 700*	24,6	115,9	2 700	15 500*	34,2	125,3		14 600*	108,0
110,0					20,9	111,0	2 300	14 700*	31,6	122,2		14 100*	110,0
112,0					16,6	104,9	1 900	13 700*	28,8	118,7		13 500*	112,0
114,0					10,5	96,3	1 600	12 600*	25,8	114,7		13 000*	114,0
116,0									22,4	110,1		12 400*	116,0
118,0									18,4	104,6		11 900*	118,0
120,0									13,2	97,3		11 400*	120,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

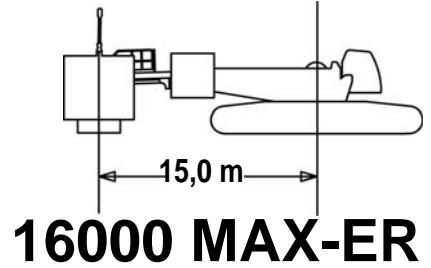
### 90,0 m (295,3 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	61,1	110,4	56 100	70 000*b									38,1
40,0	55,7	109,2	52 800	68 700*b									40,0
42,0	49,5	107,6	49 600	65 100*b									42,0
44,0	42,7	105,5	46 800	61 500*									44,0
46,0	34,7	102,8	44 100	57 700*									46,0
48,0	24,4	99,0	41 600	53 700*	54,2	106,4	34 800	64 500*b					48,0
50,0					47,9	104,6	32 900	61 400*b					50,0
52,0					40,8	102,4	31 100	58 000*					52,0
54,0					32,4	99,6	29 500	54 400*					54,0
56,0					21,1	95,2	27 900	50 500*					56,0
58,0									45,4	100,8	21 100	49 100b	58,0
60,0									37,9	98,4	20 000	47 100	60,0
62,0									28,8	95,1	19 000	45 200	62,0
64,0									14,6	89,6	17 900	43 300	64,0

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# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



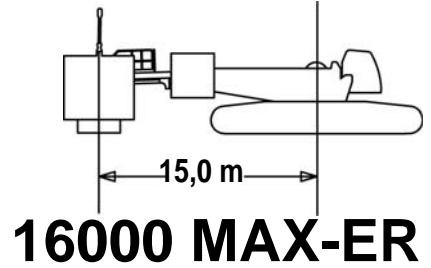
## 16000 MAX-ER

### 90,0 m (295,3 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	60,8	115,6	50 300	60 800*b									41,1
42,0	58,9	115,1	49 000	60 600*b									42,0
44,0	54,2	113,7	46 200	59 000*									44,0
46,0	49,2	112,0	43 600	56 300*									46,0
48,0	43,8	110,0	41 200	53 500*									48,0
50,0	37,8	107,6	39 100	50 700*									50,0
52,0	30,8	104,5	37 100	47 800*	53,0	110,8	30 500	55 700*					52,0
54,0	21,6	100,1	35 100	44 700*	47,9	109,1	28 900	53 300*					54,0
56,0					42,4	107,0	27 400	50 700*					56,0
58,0					36,2	104,4	26 100	48 000*					58,0
60,0					28,8	101,1	24 800	45 200*	51,2	107,2	19 300	46 500	60,0
62,0					18,6	96,2	23 500	42 100*	46,0	105,3	18 300	44 600	62,0
64,0									40,2	103,0	17 400	42 900	64,0
66,0									33,6	100,2	16 500	41 200	66,0
68,0									25,5	96,5	15 600	39 700	68,0
70,0									12,9	90,2	14 700	38 100	70,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



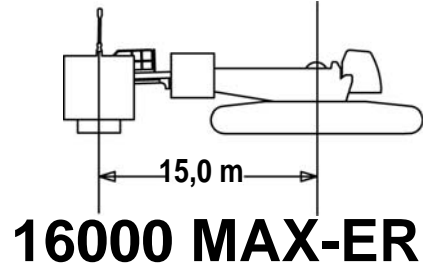
## 16000 MAX-ER

### 90,0 m (295,3 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	60,6	120,8	44 900	53 300*									44,2
46,0	57,2	119,6	42 600	53 000*									46,0
48,0	53,2	118,2	40 300	51 900*									48,0
50,0	49,1	116,5	38 200	49 500*									50,0
52,0	44,6	114,5	36 200	47 300*									52,0
54,0	39,7	112,2	34 400	45 100*	56,2	116,8	27 800	50 700*					54,0
56,0	34,3	109,4	32 700	42 800*	52,2	115,3	26 400	49 000*					56,0
58,0	27,9	106,0	31 100	40 500*	48,0	113,6	25 100	47 000*					58,0
60,0	19,6	101,1	29 500	37 900*	43,4	111,6	23 800	45 000*					60,0
62,0					38,5	109,1	22 700	42 900*					62,0
64,0					32,8	106,2	21 600	40 700*	50,7	111,6	16 300	42 000	64,0
66,0					26,1	102,5	20 500	38 400*	46,3	109,8	15 500	40 400	66,0
68,0					16,9	97,1	19 400	35 800*	41,7	107,6	14 700	38 800	68,0
70,0									36,5	105,0	13 900	37 400	70,0
72,0									30,5	101,9	13 100	36 100	72,0
74,0									23,1	97,7	12 400	34 800	74,0
76,0									11,6	90,7	11 700	33 100	76,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



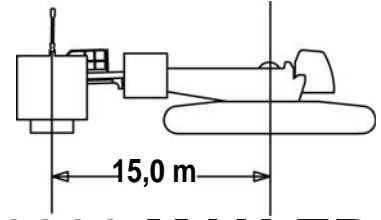
## 16000 MAX-ER

### 90,0 m (295,3 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	62,8	126,8	42 200	47 000*									45,7
46,0	62,4	126,7	41 900	47 000*									46,0
48,0	59,2	125,5	39 600	46 900*									48,0
50,0	55,9	124,2	37 400	46 600*									50,0
52,0	52,5	122,7	35 500	45 800*									52,0
54,0	48,9	121,0	33 700	43 900*									54,0
56,0	45,1	119,0	32 100	42 200*									56,0
58,0	41,1	116,8	30 500	40 300*	55,1	121,4	24 300	44 800*					58,0
60,0	36,6	114,2	29 000	38 500*	51,6	119,8	23 100	43 400*					60,0
62,0	31,6	111,2	27 700	36 700*	48,0	118,1	22 000	41 800*					62,0
64,0	25,7	107,3	26 400	34 700*	44,2	116,1	20 900	40 200*					64,0
66,0	18,0	102,1	25 100	32 600*	40,0	113,8	19 900	38 500*					66,0
68,0					35,4	111,1	18 900	36 700*	50,3	116,1	13 900	38 200	68,0
70,0					30,2	107,8	18 000	34 900*	46,6	114,3	13 100	36 800	70,0
72,0					24,0	103,7	17 100	33 000*	42,7	112,2	12 400	35 400	72,0
74,0					15,5	97,8	16 200	30 800*	38,4	109,7	11 800	34 200	74,0
76,0									33,6	106,9	11 100	33 000	76,0
78,0									28,1	103,4	10 500	31 900	78,0
80,0									21,3	98,8	9 900	30 600	80,0
82,0									10,7	91,3	9 300	28 500*	82,0

# Liftcrane Luffing Jib Capacities

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

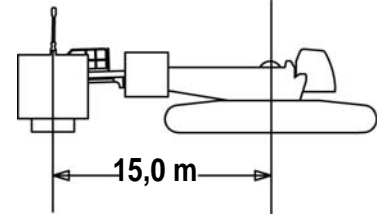


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# Liftcrane Luffing Jib Capacities

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



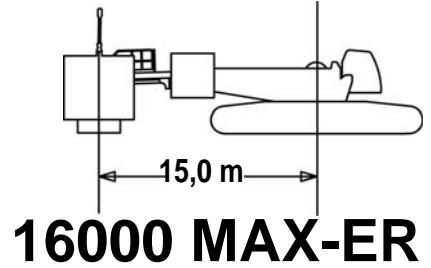
## 16000 MAX-ER

### 90,0 m (295,3 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms		
50,3	60,3	131,1	36 100	41 300*										50,3
52,0	57,9	130,1	34 500	41 300*										52,0
54,0	55,0	128,7	32 700	41 100*										54,0
56,0	52,0	127,1	31 100	40 500*										56,0
58,0	48,8	125,4	29 500	39 000*										58,0
60,0	45,5	123,5	28 100	37 500*	57,2	127,3	22 000	39 100*						60,0
62,0	42,0	121,4	26 800	36 000*	54,3	125,9	20 900	39 100*						62,0
64,0	38,3	118,9	25 500	34 500*	51,2	124,3	19 800	38 500*						64,0
66,0	34,1	116,1	24 400	33 000*	48,0	122,5	18 900	37 200*						66,0
68,0	29,5	112,7	23 200	31 400*	44,7	120,6	17 900	35 800*						68,0
70,0	24,0	108,6	22 100	29 700*	41,1	118,3	17 100	34 400*						70,0
72,0	16,8	102,9	21 100	27 900*	37,3	115,8	16 200	32 900*	50,1	120,6	11 300	34 500		72,0
74,0					33,0	112,8	15 400	31 500*	46,8	118,7	10 700	33 300		74,0
76,0					28,2	109,3	14 700	30 000*	43,4	116,7	10 100	32 100		76,0
78,0					22,4	104,9	13 900	28 300*	39,7	114,3	9 500	31 000		78,0
80,0					14,4	98,6	13 200	26 500*	35,7	111,7	9 000	30 000		80,0
82,0									31,3	108,5	8 400	28 900		82,0
84,0									26,2	104,7	7 900	28 000		84,0
86,0									19,8	99,8	7 300	26 300*		86,0
88,0									9,9	91,7	6 800	24 400*		88,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



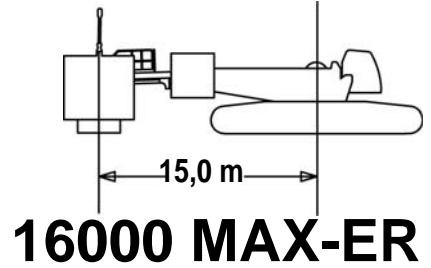
## 16000 MAX-ER

### 90,0 m (295,3 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
53,3	60,2	136,3	32 500	36 400*									53,3
54,0	59,4	135,9	32 000	36 400*									54,0
56,0	56,9	134,6	30 300	36 400*									56,0
58,0	54,3	133,2	28 800	36 300*									58,0
60,0	51,6	131,6	27 400	36 000*									60,0
62,0	48,8	129,9	26 100	34 800*									62,0
64,0	45,8	128,0	24 900	33 600*	56,2	131,8	19 000	34 500*					64,0
66,0	42,8	125,9	23 700	32 300*	53,6	130,4	18 000	34 500*					66,0
68,0	39,5	123,5	22 600	31 000*	50,9	128,8	17 100	34 200*					68,0
70,0	35,9	120,9	21 500	29 800*	48,1	127,0	16 300	33 200*					70,0
72,0	32,1	117,8	20 500	28 500*	45,1	125,1	15 500	32 100*					72,0
74,0	27,7	114,2	19 600	27 100*	42,0	122,9	14 700	30 900*					74,0
76,0	22,5	109,8	18 700	25 700*	38,6	120,5	13 900	29 700*	49,9	125,0	9 200	31 500	76,0
78,0	15,8	103,7	17 800	24 100*	35,0	117,7	13 200	28 500*	47,0	123,2	8 700	30 300	78,0
80,0					31,0	114,5	12 600	27 200*	44,0	121,2	8 100	29 300	80,0
82,0					26,5	110,7	11 900	25 900*	40,8	118,9	7 600	28 300	82,0
84,0					21,1	106,0	11 300	24 400*	37,3	116,4	7 100	27 400	84,0
86,0					13,6	99,3	10 700	22 800*	33,6	113,5	6 700	26 500*	86,0
88,0									29,4	110,1	6 200	25 400*	88,0
90,0									24,6	106,1	5 700	24 200*	90,0
92,0									18,6	100,8	5 300	22 700*	92,0
94,0									9,3	92,2	4 800	21 000*	94,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



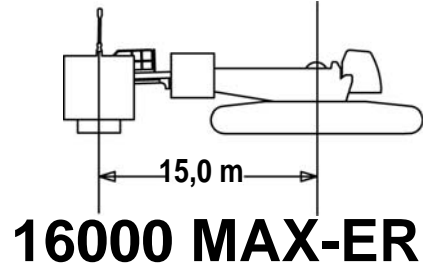
## 16000 MAX-ER

### 90,0 m (295,3 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
57,9	58,4	140,5	27 800	32 000*									57,9
58,0	58,3	140,5	27 800	32 000*									58,0
60,0	56,0	139,1	26 400	32 000*									60,0
62,0	53,7	137,7	25 100	32 000*									62,0
64,0	51,2	136,1	23 900	31 900*									64,0
66,0	48,7	134,4	22 700	31 000*									66,0
68,0	46,1	132,5	21 600	29 900*	55,4	136,3	16 000	30 100*					68,0
70,0	43,3	130,4	20 600	28 900*	53,1	134,9	15 200	30 100*					70,0
72,0	40,4	128,1	19 700	27 800*	50,6	133,2	14 400	30 000*					72,0
74,0	37,3	125,6	18 800	26 700*	48,1	131,5	13 700	29 600*					74,0
76,0	34,0	122,7	17 900	25 600*	45,4	129,5	12 900	28 600*					76,0
78,0	30,3	119,4	17 100	24 400*	42,6	127,4	12 200	27 600*	52,2	131,2	7 500	27 900*	78,0
80,0	26,2	115,6	16 300	23 300*	39,7	125,1	11 600	26 600*	49,7	129,5	7 000	27 900*	80,0
82,0	21,3	110,9	15 500	22 000*	36,5	122,4	11 000	25 500*	47,1	127,7	6 600	27 300*	82,0
84,0	14,9	104,5	14 700	20 700*	33,1	119,5	10 400	24 500*	44,4	125,7	6 100	26 300*	84,0
86,0					29,4	116,1	9 800	23 400*	41,6	123,5	5 600	25 300*	86,0
88,0					25,1	112,1	9 300	22 200*	38,5	121,0	5 200	24 400*	88,0
90,0					19,9	107,1	8 700	21 000*	35,3	118,3	4 800	23 500*	90,0
92,0					12,8	99,9	8 200	19 600*	31,8	115,2	4 400	22 700*	92,0
94,0									27,8	111,6	4 000	21 800*	94,0
96,0									23,3	107,3	3 600	20 700*	96,0
98,0									17,6	101,7	3 200	19 400*	98,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



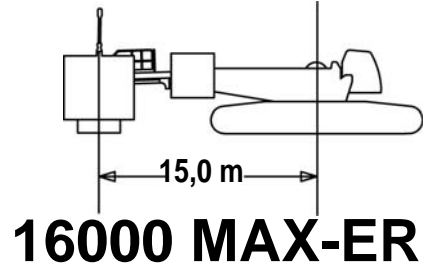
## 16000 MAX-ER

### 90,0 m (295,3 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
61,0	58,5	145,7	24 800	27 800*									61,0
62,0	57,4	145,0	24 100	27 800*									62,0
64,0	55,3	143,6	22 900	27 800*									64,0
66,0	53,2	142,2	21 800	27 800*									66,0
68,0	51,0	140,6	20 700	27 700*									68,0
70,0	48,7	138,9	19 700	27 000*									70,0
72,0	46,3	137,0	18 700	26 000*	54,8	140,9	13 400	26 000*					72,0
74,0	43,8	134,9	17 900	25 200*	52,6	139,3	12 600	26 000*					74,0
76,0	41,2	132,7	17 000	24 200*	50,4	137,7	11 900	26 000*					76,0
78,0	38,4	130,2	16 200	23 300*	48,1	135,9	11 300	25 700*					78,0
80,0	35,5	127,5	15 400	22 400*	45,7	134,0	10 600	24 900*					80,0
82,0	32,3	124,5	14 700	21 500*	43,2	131,9	10 000	24 000*					82,0
84,0	28,9	121,0	13 900	20 500*	40,5	129,6	9 500	23 200*	49,6	134,0	5 000	24 400*	84,0
86,0	24,9	116,9	13 200	19 400*	37,7	127,1	8 900	22 300*	47,2	132,2	4 600	23 800*	86,0
88,0	20,3	111,9	12 600	18 400*	34,7	124,3	8 400	21 400*	44,8	130,2	4 200	23 100*	88,0
90,0	14,2	105,2	11 900	17 200*	31,5	121,2	7 900	20 500*	42,2	128,0	3 800	22 400*	90,0
92,0					27,9	117,6	7 300	19 500*	39,5	125,7	3 400	21 600*	92,0
94,0					23,9	113,3	6 900	18 500*	36,7	123,0	3 000	20 800*	94,0
96,0					18,9	108,1	6 400	17 400*	33,6	120,1	2 600	20 000*	96,0
98,0					12,2	100,5	5 900	16 200*	30,2	116,8	2 300	19 100*	98,0
100,0									26,5	113,0	1 900	18 100*	100,0
102,0									22,2	108,4	1 600	17 200*	102,0
104,0									16,8	102,6	1 200	16 100*	104,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 90,0 m (295,3 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
65,5	57,2	149,9	21 100	24 400*									65,5
66,0	56,7	149,6	20 800	24 400*									66,0
68,0	54,8	148,2	19 800	24 400*									68,0
70,0	52,8	146,7	18 800	24 400*									70,0
72,0	50,7	145,1	17 800	24 300*									72,0
74,0	48,6	143,3	16 900	24 000*	56,2	146,8	11 600	22 700*					74,0
76,0	46,4	141,4	16 100	23 200*	54,3	145,4	10 900	22 700*					76,0
78,0	44,2	139,4	15 300	22 400*	52,3	143,8	10 300	22 700*					78,0
80,0	41,8	137,2	14 500	21 600*	50,2	142,2	9 600	22 700*					80,0
82,0	39,3	134,9	13 800	20 800*	48,1	140,4	9 000	22 600*					82,0
84,0	36,7	132,2	13 100	20 000*	45,9	138,5	8 500	22 100*					84,0
86,0	33,9	129,3	12 400	19 200*	43,6	136,4	7 900	21 400*	51,5	140,1	3 500	21 100*	86,0
88,0	30,9	126,1	11 800	18 300*	41,2	134,2	7 400	20 600*	49,4	138,5	3 100	21 100*	88,0
90,0	27,6	122,4	11 200	17 500*	38,7	131,8	6 900	19 900*	47,3	136,6	2 700	21 000*	90,0
92,0	23,8	118,2	10 600	16 600*	36,0	129,1	6 400	19 100*	45,1	134,7	2 300	20 500*	92,0
94,0	19,4	113,0	10 000	15 600*	33,2	126,1	6 000	18 300*	42,7	132,6	2 000	19 800*	94,0
96,0	13,5	105,9	9 400	14 600*	30,1	122,8	5 500	17 500*	40,3	130,2	1 600	19 100*	96,0
98,0					26,7	119,0	5 100	16 600*	37,7	127,7	1 300	18 300*	98,0
100,0					22,8	114,5	4 700	15 800*	35,0	124,9	1 000	17 600*	100,0
102,0					18,1	109,0	4 300	14 800*	32,1	121,8	700	17 000*	102,0
104,0					11,6	101,1	3 900	13 600*	28,9	118,4		16 200*	104,0
106,0									25,3	114,3		15 400*	106,0
108,0									21,2	109,6		14 500*	108,0
110,0									16,0	103,4		13 600*	110,0

# Liftcrane Luffing Jib Capacities

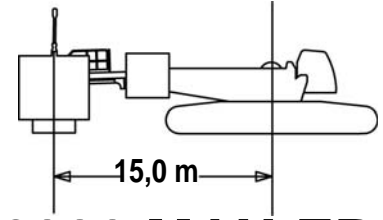
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight  
at 15,0 m Position

360 Degree Rating



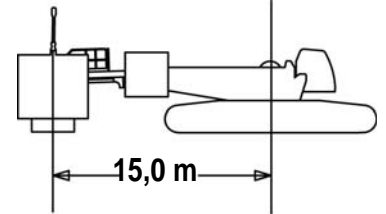
**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



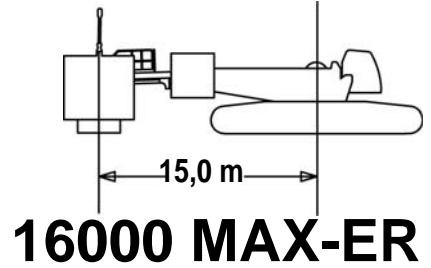
## 16000 MAX-ER

### 90,0 m (295,3 ft) Boom, 78,0 m (255,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
68,6	57,3	155,1	18 600	21 300*									68,6
70,0	56,1	154,1	18 000	21 300*									70,0
72,0	54,3	152,7	17 000	21 300*									72,0
74,0	52,4	151,2	16 100	21 300*									74,0
76,0	50,5	149,5	15 300	21 300*									76,0
78,0	48,6	147,8	14 500	21 200*	55,6	151,3	9 400	19 700*					78,0
80,0	46,6	145,9	13 800	20 600*	53,8	149,9	8 800	19 700*					80,0
82,0	44,5	143,9	13 100	20 000*	52,0	148,3	8 200	19 700*					82,0
84,0	42,3	141,8	12 400	19 300*	50,1	146,7	7 700	19 700*					84,0
86,0	40,1	139,4	11 700	18 500*	48,1	144,9	7 100	19 700*					86,0
88,0	37,7	136,9	11 100	17 900*	46,1	143,0	6 600	19 600*					88,0
90,0	35,2	134,1	10 500	17 200*	44,0	141,0	6 100	19 000*	51,3	144,6	1 800	18 000*	90,0
92,0	32,5	131,1	9 900	16 400*	41,8	138,8	5 700	18 400*	49,3	142,9	1 500	18 000*	92,0
94,0	29,6	127,7	9 400	15 700*	39,5	136,4	5 200	17 700*	47,4	141,1	1 100	18 000*	94,0
96,0	26,5	123,9	8 800	14 900*	37,1	133,8	4 800	17 100*	45,3	139,2	800	18 000*	96,0
98,0	22,9	119,4	8 300	14 100*	34,6	131,0	4 400	16 400*	43,2	137,1		17 400*	98,0
100,0	18,6	113,9	7 800	13 200*	31,8	127,8	4 000	15 700*	41,0	134,8		16 700*	100,0
102,0	13,0	106,6	7 300	12 300*	28,9	124,3	3 600	14 900*	38,6	132,4		16 100*	102,0
104,0					25,6	120,4	3 200	14 100*	36,2	129,7		15 500*	104,0
106,0					21,9	115,7	2 800	13 300*	33,6	126,8		14 900*	106,0
108,0					17,4	109,9	2 400	12 500*	30,8	123,5		14 300*	108,0
110,0					11,2	101,7	2 100	11 500*	27,7	119,8		13 700*	110,0
112,0									24,3	115,6		13 100*	112,0
114,0									20,3	110,6		12 200*	114,0
116,0									15,4	104,2		11 300*	116,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



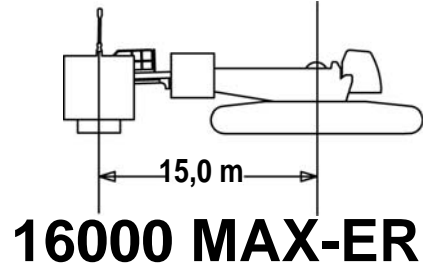
## 16000 MAX-ER

### 90,0 m (295,3 ft) Boom, 84,0 m (275,6 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
71,6	57,5	160,2	16 200	18 500*								71,6
72,0	57,2	160,0	16 000	18 500*								72,0
74,0	55,5	158,6	15 100	18 500*								74,0
76,0	53,9	157,2	14 300	18 500*								76,0
78,0	52,1	155,6	13 500	18 500*								78,0
80,0	50,4	154,0	12 800	18 500*	56,8	157,2	7 700	17 000*				80,0
82,0	48,6	152,3	12 100	18 500*	55,1	155,8	7 100	17 000*				82,0
84,0	46,7	150,4	11 400	18 100*	53,4	154,4	6 600	17 000*				84,0
86,0	44,8	148,4	10 800	17 500*	51,7	152,8	6 100	17 000*				86,0
88,0	42,8	146,3	10 200	16 900*	49,9	151,1	5 600	17 000*				88,0
90,0	40,7	144,0	9 600	16 300*	48,1	149,4	5 100	17 000*				90,0
92,0	38,6	141,6	9 000	15 700*	46,2	147,5	4 600	17 000*				92,0
94,0	36,3	138,9	8 500	15 100*	44,3	145,4	4 200	16 700*	51,0	149,1	15 600*	94,0
96,0	33,9	136,0	7 900	14 500*	42,3	143,3	3 800	16 100*	49,3	147,4	15 600*	96,0
98,0	31,3	132,8	7 500	13 800*	40,2	141,0	3 400	15 600*	47,4	145,6	15 600*	98,0
100,0	28,5	129,2	6 900	13 100*	38,0	138,5	3 000	15 000*	45,5	143,6	15 500*	100,0
102,0	25,5	125,2	6 500	12 400*	35,7	135,7	2 600	14 400*	43,6	141,6	15 000*	102,0
104,0	22,0	120,5	6 000	11 700*	33,2	132,8	2 200	13 800*	41,5	139,4	14 400*	104,0
106,0	17,9	114,9	5 600	10 900*	30,6	129,5	1 900	13 200*	39,4	137,0	13 800*	106,0
108,0	12,5	107,2	5 100	10 000*	27,8	125,8	1 500	12 500*	37,2	134,4	13 200*	108,0
110,0					24,6	121,7	1 200	11 800*	34,8	131,6	12 700*	110,0
112,0					21,0	116,8	900	11 100*	32,3	128,5	12 100*	112,0
114,0					16,7	110,8		10 200*	29,6	125,1	11 600*	114,0
116,0									26,7	121,3	11 100*	116,0
118,0									23,4	116,9	10 600*	118,0
120,0									19,6	111,6	10 000*	120,0
122,0									14,8	104,9	9 200*	122,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

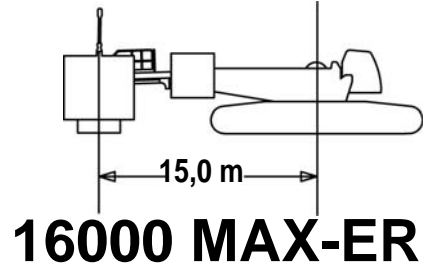
96,0 m (315,0 ft) Boom, 24,0 m (78,7 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	61,2	116,3	51 000	59 700*c									39,6
40,0	60,1	116,0	50 400	59 500*c									40,0
42,0	54,3	114,7	47 400	58 400*b									42,0
44,0	48,0	112,9	44 600	57 300*b									44,0
46,0	41,0	110,8	42 100	56 300*									46,0
48,0	32,7	107,9	39 800	54 900*									48,0
50,0	21,4	103,6	37 600	51 600*	54,4	112,0	30 300	57 300*b					50,0
52,0					48,1	110,3	28 700	56 600*b					52,0
54,0					41,0	108,2	27 200	55 800					54,0
56,0					32,7	105,3	25 700	53 900					56,0
60,0									47,2	106,8	17 400	45 100b	60,0
62,0									40,0	104,5	16 400	43 200	62,0
64,0									31,5	101,6	15 500	41 600	64,0
66,0									19,5	97,0	14 600	39 900	66,0

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# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 96,0 m (315,0 ft) Boom, 30,0 m (98,4 ft) Luffing Jib

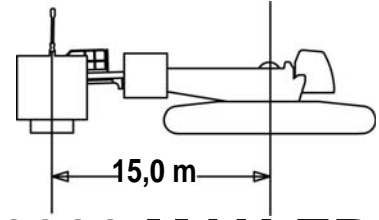
Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	60,8	121,4	45 700	52 200* <b>b</b>									42,7
44,0	57,9	120,6	44 000	51 800* <b>b</b>									44,0
46,0	53,1	119,1	41 500	51 100*									46,0
48,0	48,1	117,4	39 300	50 300*									48,0
50,0	42,6	115,3	37 200	49 400*									50,0
52,0	36,4	112,8	35 200	48 600*									52,0
54,0	29,0	109,4	33 400	46 600*	53,1	116,5	26 500	50 100* <b>b</b>					54,0
56,0	19,0	104,6	31 700	43 700*	48,1	114,8	25 100	49 700*					56,0
58,0					42,6	112,7	23 800	49 100*					58,0
60,0					36,4	110,2	22 700	48 500					60,0
62,0					29,0	106,8	21 500	47 100					62,0
64,0					19,0	102,0	20 400	45 100	47,4	111,3	14 800	41 000	64,0
66,0									41,8	109,1	14 100	39 400	66,0
68,0									35,5	106,5	13 300	37 900	68,0
70,0									27,9	103,1	12 600	36 500	70,0

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# Liftcrane Luffing Jib Capacities

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



**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



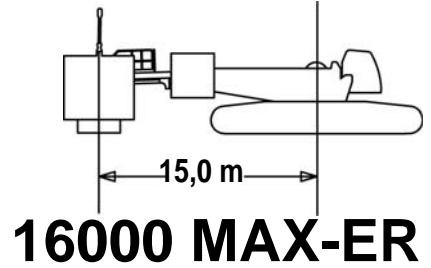
## 16000 MAX-ER

### 96,0 m (315,0 ft) Boom, 36,0 m (118,1 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	60,6	126,6	40 800	45 900*									45,7
46,0	60,1	126,4	40 500	45 800*									46,0
48,0	56,3	125,1	38 200	45 400*									48,0
50,0	52,3	123,6	36 200	44 800*									50,0
52,0	48,1	121,9	34 300	44 200*									52,0
54,0	43,6	119,8	32 600	43 600*									54,0
56,0	38,6	117,4	31 000	43 000*									56,0
58,0	33,0	114,5	29 500	41 600*	52,3	121,0	22 800	44 000*					58,0
60,0	26,3	110,8	28 000	39 700*	48,1	119,3	21 600	43 700*					60,0
62,0	17,2	105,5	26 600	37 300*	43,6	117,2	20 600	43 300*					62,0
64,0					38,6	114,8	19 500	42 900*					64,0
66,0					33,0	111,9	18 500	42 400	51,8	117,5	12 900	38 500	66,0
68,0					26,3	108,2	17 600	41 100	47,5	115,7	12 200	37 000	68,0
70,0					17,2	102,9	16 700	39 500	43,0	113,7	11 500	35 600	70,0
72,0									37,9	111,2	10 900	34 400	72,0
74,0									32,2	108,2	10 200	33 100	74,0
76,0									25,3	104,4	9 600	32 000	76,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

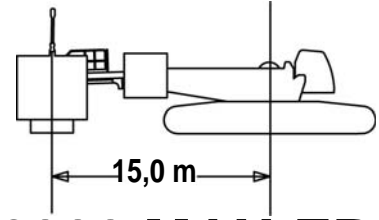
### 96,0 m (315,0 ft) Boom, 42,0 m (137,8 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms		
50,3	58,0	130,8	35 200	40 400*										50,3
52,0	55,2	129,6	33 600	40 100*										52,0
54,0	51,7	128,1	31 900	39 600*										54,0
56,0	48,1	126,3	30 300	39 100*										56,0
58,0	44,3	124,4	28 800	38 700*										58,0
60,0	40,1	122,1	27 400	38 000*	55,2	127,0	20 800	38 900*						60,0
62,0	35,6	119,4	26 100	36 600*	51,7	125,5	19 800	38 800*						62,0
64,0	30,4	116,2	24 900	35 200*	48,1	123,7	18 800	38 600*						64,0
66,0	24,2	112,1	23 700	33 900*	44,3	121,7	17 800	38 400*						66,0
68,0	15,8	106,3	22 500	32 200*	40,1	119,5	16 900	38 000*						68,0
70,0					35,6	116,8	16 100	37 700*						70,0
72,0					30,4	113,6	15 300	37 400	47,6	120,2	10 000	33 700		72,0
74,0					24,2	109,5	14 500	36 300	43,8	118,2	9 500	32 500		74,0
76,0					15,8	103,7	13 700	34 600	39,6	115,8	8 900	31 400		76,0
78,0									34,9	113,1	8 400	30 300		78,0
80,0									29,7	109,8	7 800	29 200		80,0
82,0									23,3	105,6	7 300	28 200		82,0



# Liftcrane Luffing Jib Capacities

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



**16000 MAX-ER**

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# Liftcrane Luffing Jib Capacities

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



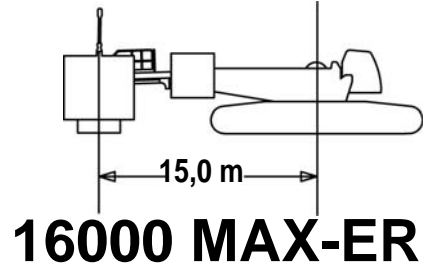
## 16000 MAX-ER

### 96,0 m (315,0 ft) Boom, 48,0 m (157,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
53,3	58,2	136,0	31 400	35 700*									53,3
54,0	57,2	135,6	30 900	35 700*									54,0
56,0	54,3	134,1	29 300	35 400*									56,0
58,0	51,3	132,6	27 800	35 000*									58,0
60,0	48,1	130,8	26 500	34 700*									60,0
62,0	44,8	128,9	25 200	34 300*									62,0
64,0	41,2	126,6	24 000	33 400*	54,3	131,5	17 600	34 200*					64,0
66,0	37,4	124,1	22 900	32 100*	51,3	130,0	16 800	34 200*					66,0
68,0	33,1	121,2	21 800	31 000*	48,1	128,2	15 900	34 100*					68,0
70,0	28,3	117,7	20 800	29 900*	44,8	126,2	15 100	34 000*					70,0
72,0	22,6	113,3	19 800	28 900*	41,2	124,0	14 300	33 700*					72,0
74,0	14,7	107,0	18 800	27 700*	37,4	121,5	13 600	33 500*	50,9	126,5	8 300	31 500*	74,0
76,0					33,1	118,6	12 900	33 300*	47,7	124,7	7 800	30 400*	76,0
78,0					28,3	115,1	12 200	33 000	44,3	122,7	7 300	29 200*	78,0
80,0					22,6	110,7	11 500	31 800	40,7	120,4	6 800	28 200*	80,0
82,0					14,7	104,4	10 900	30 000*	36,8	117,9	6 300	27 200*	82,0
84,0									32,5	114,9	5 900	26 200*	84,0
86,0									27,6	111,3	5 400	25 300*	86,0
88,0									21,7	106,7	5 000	24 400*	88,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



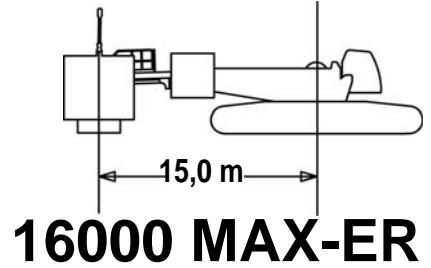
## 16000 MAX-ER

### 96,0 m (315,0 ft) Boom, 54,0 m (177,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
56,4	58,3	141,1	28 200	31 700*									56,4
58,0	56,3	140,1	27 100	31 600*									58,0
60,0	53,7	138,6	25 700	31 400*									60,0
62,0	51,0	137,1	24 400	31 100*									62,0
64,0	48,1	135,3	23 300	30 800*									64,0
66,0	45,2	133,4	22 100	30 500*	56,3	137,5	15 900	30 100*					66,0
68,0	42,0	131,2	21 100	29 500*	53,7	136,0	15 100	30 100*					68,0
70,0	38,7	128,8	20 100	28 500*	51,0	134,4	14 300	30 100*					70,0
72,0	35,1	126,0	19 200	27 500*	48,1	132,7	13 500	30 100*					72,0
74,0	31,1	122,8	18 300	26 600*	45,2	130,7	12 800	30 100*					74,0
76,0	26,6	119,1	17 400	25 700*	42,0	128,6	12 100	30 000*	50,6	130,9	6 400	28 300*	76,0
78,0	21,2	114,4	16 600	24 900*	38,7	126,2	11 500	29 900*	47,8	129,2	5 900	27 300*	78,0
80,0	13,8	107,7	15 700	24 000*	35,1	123,4	10 900	29 700*	44,8	127,2	5 500	26 300*	80,0
82,0					31,1	120,2	10 300	29 500*	41,6	125,0	5 100	25 400*	82,0
84,0					26,6	116,5	9 700	28 700*	38,3	122,5	4 700	24 400*	84,0
86,0					21,2	111,8	9 100	27 800*	34,6	119,7	4 300	23 600*	86,0
88,0					13,8	105,1	8 600	26 200*	30,6	116,5	3 900	22 700*	88,0
90,0									26,0	112,7	3 500	21 900*	90,0
92,0									20,4	107,8	3 100	21 100*	92,0
94,0									12,5	100,7	2 700	20 400*	94,0
96,0													96,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



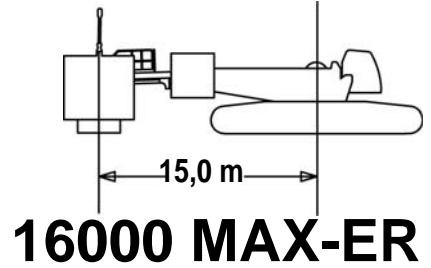
## 16000 MAX-ER

### 96,0 m (315,0 ft) Boom, 60,0 m (196,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
61,0	56,7	145,3	24 100	27 600*									61,0
62,0	55,5	144,6	23 400	27 500*									62,0
64,0	53,1	143,1	22 300	27 400*									64,0
66,0	50,7	141,5	21 200	27 200*									66,0
68,0	48,1	139,8	20 200	27 000*									68,0
70,0	45,5	137,8	19 200	26 800*	55,5	142,0	13 200	26 100*					70,0
72,0	42,7	135,7	18 200	26 000*	53,1	140,5	12 400	26 100*					72,0
74,0	39,8	133,4	17 400	25 100*	50,7	138,9	11 700	26 100*					74,0
76,0	36,6	130,8	16 500	24 300*	48,1	137,2	11 100	26 100*					76,0
78,0	33,2	127,8	15 800	23 500*	45,5	135,2	10 400	26 100*					78,0
80,0	29,5	124,4	15 000	22 800*	42,7	133,1	9 800	26 100*	50,4	135,4	4 400	24 500*	80,0
82,0	25,2	120,4	14 300	22 100*	39,8	130,8	9 300	26 100*	47,8	133,6	3 900	24 200*	82,0
84,0	20,1	115,4	13 500	21 400*	36,6	128,2	8 700	26 100*	45,1	131,7	3 500	23 300*	84,0
86,0	13,0	108,4	12 900	20 100*	33,2	125,2	8 200	26 000*	42,3	129,5	3 200	22 400*	86,0
88,0					29,5	121,8	7 700	25 600*					88,0
90,0					25,2	117,8	7 200	24 600*	39,4	127,2	2 800	21 600*	90,0
92,0					20,1	112,8	6 700	23 500*	36,2	124,5	2 400	20 800*	92,0
94,0					13,0	105,8	6 200	22 100*	32,8	121,5	2 100	20 100*	94,0
96,0									28,9	118,1	1 800	19 400*	96,0
98,0									24,6	114,0	1 500	18 700*	98,0
100,0									19,3	108,8	1 100	17 900*	100,0
102,0									11,8	101,2	700	17 300*	102,0

# Liftcrane Luffing Jib Capacities

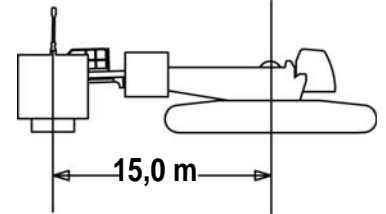
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
142 360 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



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# Liftcrane Luffing Jib Capacities

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



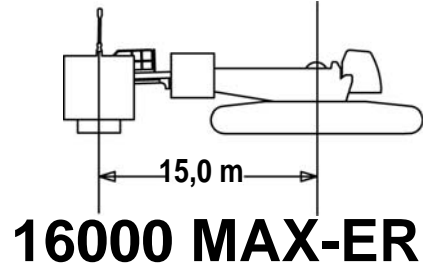
## 16000 MAX-ER

### 96,0 m (315,0 ft) Boom, 66,0 m (216,5 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms		
64,0	57,0	150,5	21 300	24 400*										64,0
66,0	54,9	149,1	20 200	24 300*										66,0
68,0	52,7	147,6	19 200	24 200*										68,0
70,0	50,5	146,0	18 200	24 000*										70,0
72,0	48,1	144,2	17 300	23 900*	57,0	147,9	11 400	22 800*						72,0
74,0	45,7	142,3	16 500	23 600*	54,9	146,5	10 700	22 800*						74,0
76,0	43,2	140,2	15 600	22 900*	52,7	145,0	10 000	22 800*						76,0
78,0	40,6	138,0	14 900	22 200*	50,5	143,4	9 400	22 800*						78,0
80,0	37,8	135,4	14 100	21 600*	48,1	141,6	8 900	22 800*						80,0
82,0	34,8	132,6	13 400	20 900*	45,7	139,7	8 300	22 800*						82,0
84,0	31,6	129,5	12 700	20 300*	43,2	137,6	7 800	22 800*	52,4	141,5	2 900	21 300*		84,0
86,0	28,0	125,9	12 100	19 600*	40,6	135,4	7 300	22 800*	50,2	139,9	2 500	21 300*		86,0
88,0	24,0	121,7	11 400	19 100*	37,8	132,8	6 800	22 800*	47,8	138,1	2 200	21 200*		88,0
90,0	19,1	116,4	10 900	18 300*	34,8	130,1	6 300	22 800*	45,4	136,2	1 800	20 500*		90,0
92,0	12,4	109,0	10 200	17 200*	31,6	126,9	5 900	22 700*	42,9	134,1	1 400	19 700*		92,0
94,0					28,0	123,3	5 400	22 300*	40,2	131,7	1 100	19 000*		94,0
96,0					24,0	119,1	4 900	21 400*	37,4	129,2	800	18 300*		96,0
98,0					19,1	113,8	4 500	20 300*	34,4	126,4		17 600*		98,0
100,0					12,4	106,4	4 100	19 100*	31,2	123,2		16 900*		100,0
102,0									27,5	119,5		16 300*		102,0
104,0									23,4	115,2		15 700*		104,0
106,0									18,4	109,8		15 100*		106,0
108,0									11,3	101,8		14 400*		108,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



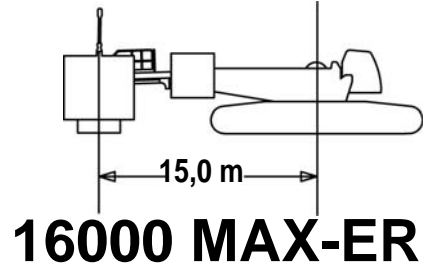
## 16000 MAX-ER

### 96,0 m (315,0 ft) Boom, 72,0 m (236,2 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
67,1	57,2	155,7	18 700	21 400*								67,1
68,0	56,3	155,1	18 200	21 400*								68,0
70,0	54,3	153,6	17 200	21 400*								70,0
72,0	52,3	152,1	16 300	21 400*								72,0
74,0	50,3	150,5	15 500	21 300*								74,0
76,0	48,1	148,7	14 700	21 100*	56,3	152,4	9 000	20 000*				76,0
78,0	45,9	146,8	13 900	20 800*	54,3	151,0	8 400	20 000*				78,0
80,0	43,7	144,7	13 200	20 200*	52,3	149,5	7 800	20 000*				80,0
82,0	41,3	142,5	12 500	19 600*	50,3	147,9	7 300	20 000*				82,0
84,0	38,8	140,1	11 900	19 100*	48,1	146,1	6 800	20 000*				84,0
86,0	36,1	137,4	11 200	18 500*	45,9	144,2	6 300	20 000*				86,0
88,0	33,3	134,4	10 600	18 000*	43,7	142,1	5 800	20 000*				88,0
90,0	30,2	131,1	10 000	17 400*	41,3	139,9	5 300	20 000*	50,0	144,4	18 600*	90,0
92,0	26,8	127,3	9 500	17 000*	38,8	137,5	4 900	20 000*	47,9	142,6	18 500*	92,0
94,0	22,9	122,9	8 900	16 500*	36,1	134,8	4 500	20 000*	45,7	140,6	17 900*	94,0
96,0	18,2	117,4	8 400	15 700*	33,3	131,8	4 100	20 000*	43,4	138,6	17 100*	96,0
98,0	11,8	109,6	7 800	14 600*	30,2	128,5	3 700	19 900*	41,0	136,3	16 500*	98,0
100,0					26,8	124,7	3 300	19 300*	38,4	133,9	15 900*	100,0
102,0					22,9	120,3	2 900	18 500*	35,8	131,1	15 200*	102,0
104,0					18,2	114,8	2 500	17 500*	32,9	128,1	14 600*	104,0
106,0					11,8	107,0	2 100	16 500*	29,8	124,8	14 100*	106,0
108,0									26,3	120,9	13 500*	108,0
110,0									22,4	116,4	12 900*	110,0
112,0									17,6	110,7	12 400*	112,0
114,0									10,7	102,3	11 900*	114,0

# Liftcrane Luffing Jib Capacities

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



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# Liftcrane Luffing Jib Capacities

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



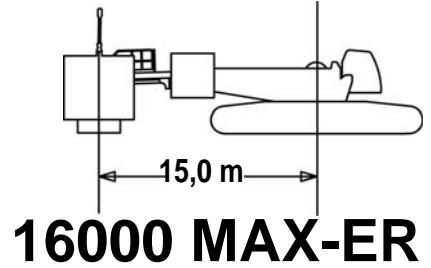
## 16000 MAX-ER

### 96,0 m (315,0 ft) Boom, 78,0 m (255,9 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
70,1	57,3	160,9	16 400	18 800*								70,1
72,0	55,7	159,6	15 500	18 800*								72,0
74,0	53,9	158,1	14 700	18 800*								74,0
76,0	52,0	156,6	13 900	18 800*								76,0
78,0	50,1	154,9	13 100	18 800*	57,5	158,3	7 500	17 400*				78,0
80,0	48,1	153,2	12 400	18 600*	55,7	157,0	7 000	17 400*				80,0
82,0	46,1	151,3	11 700	18 300*	53,9	155,5	6 400	17 400*				82,0
84,0	44,0	149,2	11 100	17 800*	52,0	154,0	5 900	17 400*				84,0
86,0	41,8	147,1	10 500	17 300*	50,1	152,3	5 400	17 400*				86,0
88,0	39,6	144,7	9 900	16 900*	48,1	150,6	4 900	17 400*				88,0
90,0	37,2	142,1	9 300	16 400*	46,1	148,7	4 500	17 400*				90,0
92,0	34,6	139,3	8 800	16 000*	44,0	146,6	4 100	17 400*	51,8	150,5	16 100*	92,0
94,0	31,9	136,2	8 200	15 500*	41,9	144,5	3 700	17 400*	49,9	148,8	16 100*	94,0
96,0	29,0	132,7	7 800	15 100*	39,6	142,1	3 300	17 400*	47,9	147,1	16 100*	96,0
98,0	25,7	128,7	7 200	14 700*	37,2	139,5	2 900	17 400*	45,9	145,1	15 600*	98,0
100,0	22,0	124,1	6 800	14 100*	34,6	136,7	2 500	17 400*	43,8	143,1	14 900*	100,0
102,0	17,5	118,3	6 300	13 300*	31,9	133,6	2 100	17 400*	41,6	140,9	14 300*	102,0
104,0	11,4	110,2	5 800	12 400*	29,0	130,1	1 800	17 300*	39,3	138,5	13 700*	104,0
106,0					25,7	126,1	1 500	16 800*	36,9	135,9	13 200*	106,0
108,0					22,0	121,5	1 200	16 000*	34,3	133,0	12 600*	108,0
110,0					17,5	115,7		15 200*	31,5	129,9	12 100*	110,0
112,0					11,4	107,6		14 100*	28,6	126,3	11 600*	112,0
114,0									25,3	122,3	11 100*	114,0
116,0									21,5	117,5	10 600*	116,0
118,0									16,8	111,6	10 100*	118,0
120,0									10,3	102,9	9 600*	120,0

# Liftcrane Luffing Jib Capacities

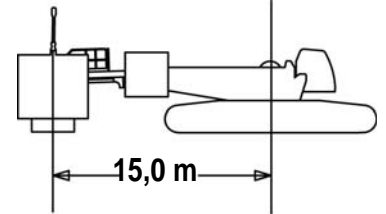
Luffing Jib No. 59 On Boom No. 58 HL  
with 30,0 m Mast No. 59A  
150 590 kg Crane Counterweight  
54 430 kg Carbody Counterweight  
142 360 kg Hanging Counterweight  
at 15,0 m Position  
360 Degree Rating



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# Liftcrane Luffing Jib Capacities

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



## 16000 MAX-ER

### 96,0 m (315,0 ft) Boom, 84,0 m (275,6 ft) Luffing Jib

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
71,6	58,7	167,0	14 600	16 400*								71,6
72,0	58,4	166,8	14 500	16 400*								72,0
74,0	56,8	165,5	13 700	16 400*								74,0
76,0	55,2	164,1	12 900	16 400*								76,0
78,0	53,5	162,6	12 100	16 400*								78,0
80,0	51,7	161,1	11 400	16 400*								80,0
82,0	50,0	159,4	10 700	16 400*	56,8	162,9	5 300	15 000*				82,0
84,0	48,2	157,6	10 100	16 300*	55,2	161,5	4 800	15 000*				84,0
86,0	46,3	155,8	9 500	15 900*	53,5	160,0	4 300	15 000*				86,0
88,0	44,3	153,7	8 900	15 500*	51,7	158,5	3 900	15 000*				88,0
90,0	42,3	151,6	8 400	15 200*	50,0	156,8	3 500	15 000*				90,0
92,0	40,2	149,3	7 800	14 800*	48,2	155,1	3 000	15 000*				92,0
94,0	38,1	146,8	7 300	14 400*	46,3	153,2	2 600	15 000*				94,0
96,0	35,8	144,1	6 800	14 000*	44,3	151,1	2 300	15 000*	51,5	155,0	13 600*	96,0
98,0	33,3	141,1	6 400	13 700*	42,3	149,0	1 900	15 000*	49,7	153,3	13 600*	98,0
100,0	30,7	137,8	5 900	13 300*	40,2	146,7	1 500	15 000*	47,9	151,5	13 600*	100,0
102,0	27,9	134,2	5 500	13 000*	38,1	144,2	1 200	15 000*	46,0	149,6	13 100*	102,0
104,0	24,7	130,0	5 000	12 400*	35,8	141,4	800	15 000*	44,1	147,6	12 600*	104,0
106,0	21,1	125,2	4 600	11 800*	33,3	138,5		15 000*	42,1	145,4	12 000*	106,0
108,0	16,8	119,2	4 200	11 100*	30,7	135,2		15 000*	40,0	143,1	11 500*	108,0
110,0	10,9	110,7	3 700	10 200*	27,9	131,6		14 800*	37,8	140,5	11 000*	110,0
112,0					24,7	127,4		14 200*	35,5	137,8	10 500*	112,0
114,0					21,1	122,6		13 600*	33,0	134,8	10 000*	114,0
116,0					16,8	116,6		12 800*	30,4	131,5	9 500*	116,0
118,0					10,9	108,1		11 900*	27,5	127,8	9 100*	118,0
120,0									24,3	123,6	8 600*	120,0
122,0									20,6	118,6	8 200*	122,0
124,0									16,2	112,4	7 800*	124,0
126,0									9,9	103,4	7 300*	126,0