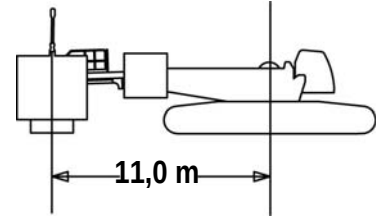


Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A
150 590 kg Crane Counterweight
54 430 kg Carbody Counterweight
142 360 kg Hanging Counterweight
at 11,0 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

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

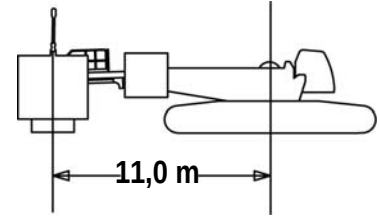
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



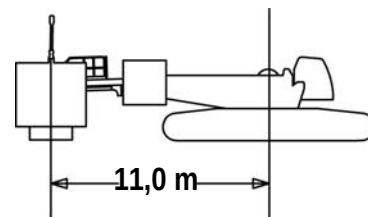
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16,8	69,4	66,9	156 000	182 400*b					16,8
18,0	66,2	66,3	143 400	177 100*b					18,0
20,0	60,8	65,3	126 100	159 300*b	66,7	66,1	122 100	178 500*b	20,0
22,0	55,0	63,9	112 600	140 700*	61,3	65,0	108 800	169 500*b	22,0
24,0	48,8	62,2	101 400	126 900*	55,6	63,7	98 100	155 800*	24,0
26,0	41,9	60,1	92 100	116 200*	49,4	62,0	89 100	142 600*	26,0
28,0	33,7	57,4	84 200	107 900*	42,6	60,0	81 400	125 200*	28,0
30,0	23,0	53,4	77 200	97 000*	34,6	57,3	74 800	111 400*	30,0
32,0					24,3	53,5	69 000	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 11,0 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	
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0	60,2	63,9	84 000	140 000*									26,0
28,0	54,4	62,5	76 800	129 700*									28,0
30,0	48,1	60,8	70 600	120 300*									30,0
32,0	41,1	58,6	65 300	112 200*	52,9	60,9	61 300	109 400*					32,0
34,0	32,8	55,8	60 500	105 000*	46,5	59,1	56 900	102 400*					34,0
36,0	21,6	51,5	56 200	97 700*	39,2	56,8	53 000	96 200*	44,4	57,0	46 300	88 200	36,0
38,0					30,4	53,7	49 400	90 600*	36,7	54,5	43 300	82 900	38,0
40,0									27,2	51,0	40 600	78 200	40,0
42,0									11,1	44,6	37 900	73 700	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

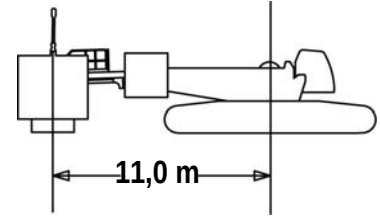
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



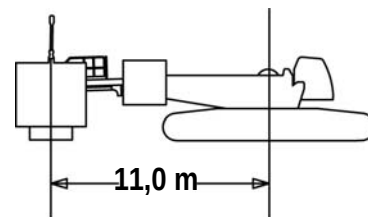
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	70,6	72,7	140 500	162 100*b					18,3
20,0	67,1	72,0	126 200	156 100*b					20,0
22,0	62,8	71,0	112 500	146 700*					22,0
24,0	58,4	69,8	101 400	129 100*	63,3	70,8	98 000	151 300*	24,0
26,0	53,7	68,4	92 100	116 800*	58,8	69,6	88 900	143 000*	26,0
28,0	48,7	66,7	84 200	107 000*	54,2	68,2	81 300	127 800*	28,0
30,0	43,2	64,7	77 500	99 200*	49,2	66,5	74 800	113 700*	30,0
32,0	37,1	62,2	71 600	91 800*	43,8	64,5	69 100	102 400*	32,0
34,0	29,9	59,0	66 400	83 700*	37,7	62,1	64 100	92 800*	34,0
36,0	20,4	54,4	61 700	74 700*	30,7	59,0	59 700	84 600*	36,0
38,0					21,5	54,6	55 700	77 400*	38,0
40,0									40,0
42,0									42,0
44,0									44,0
46,0									46,0
48,0									48,0
50,0									50,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0	57,9	68,4	70 400	120 000*									30,0
32,0	53,2	67,0	65 000	111 800*									32,0
34,0	48,1	65,3	60 300	104 700*	56,8	66,9	56 500	101 900*					34,0
36,0	42,6	63,2	56 200	98 300*	52,0	65,4	52 600	95 700*					36,0
38,0	36,4	60,6	52 500	91 400*	46,8	63,6	49 100	90 200*	50,5	63,4	42 900	82 500	38,0
40,0	29,1	57,3	49 100	83 400*	41,2	61,4	46 000	84 900	45,2	61,5	40 300	77 800	40,0
42,0	19,1	52,5	46 000	76 200*	34,8	58,7	43 200	80 100	39,3	59,2	37 900	73 600	42,0
44,0					27,0	55,2	40 600	75 700	32,6	56,3	35 600	69 700	44,0
46,0													46,0
48,0									24,1	52,3	33 600	66 100	48,0
50,0									9,7	45,0	31 400	62 800	50,0

Liftcrane Luffing Jib Capacities

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

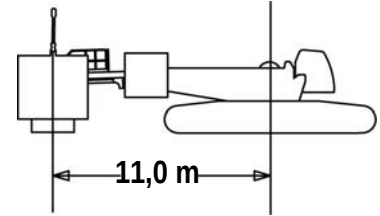
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



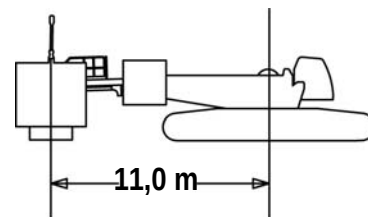
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	68,8	78,0	116 400	139 800*					21,3
22,0	67,7	77,7	112 300	138 100*					22,0
24,0	64,2	76,8	101 000	132 700*					24,0
26,0	60,5	75,7	91 700	120 200*	64,5	76,5	88 300	134 200*	26,0
28,0	56,8	74,4	83 800	108 900*	60,9	75,4	80 800	128 200*	28,0
30,0	52,8	72,9	77 100	99 900*	57,1	74,1	74 200	115 000*	30,0
32,0	48,6	71,2	71 200	92 800*	53,2	72,7	68 600	103 300*	32,0
34,0	44,1	69,2	66 100	84 800*	49,0	71,0	63 700	93 800*	34,0
36,0	39,2	66,8	61 600	77 900*	44,6	69,0	59 300	85 700*	36,0
38,0	33,7	64,0	57 500	71 900*	39,7	66,7	55 400	78 700*	38,0
40,0	27,1	60,4	53 900	66 500*	34,2	63,9	51 900	72 600*	40,0
42,0	18,5	55,3	50 500	59 900*	27,8	60,4	48 700	67 100*	42,0
44,0					19,5	55,6	45 800	62 000*	44,0
46,0									46,0
48,0									48,0
50,0									50,0
52,0									52,0
54,0									54,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	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													28,0
30,0													30,0
32,0	60,1	74,3	64 300	111 100*									32,0
34,0	56,3	73,0	59 600	103 900*									34,0
36,0	52,4	71,5	55 500	97 700*									36,0
38,0	48,1	69,7	51 900	92 000*									38,0
40,0	43,6	67,7	48 600	84 400*	51,4	69,9	45 300	84 300					40,0
42,0	38,7	65,3	45 600	77 600*	47,1	68,1	42 500	79 500					42,0
44,0	33,0	62,4	42 900	71 700*	42,4	66,0	40 000	75 100	50,1	67,9	37 000	72 800	44,0
46,0	26,4	58,7	40 400	66 400*	37,3	63,5	37 600	71 200	45,7	66,0	34 900	69 000	46,0
48,0	17,3	53,4	38 000	61 100*	31,5	60,4	35 500	67 600	41,0	63,8	32 900	65 500	48,0
50,0					24,5	56,4	33 500	64 300	35,7	61,1	31 100	62 400	50,0
52,0									29,6	57,8	29 400	59 400	52,0
54,0									21,9	53,4	27 800	56 700	54,0

Liftcrane Luffing Jib Capacities

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

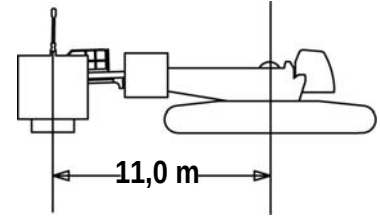
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



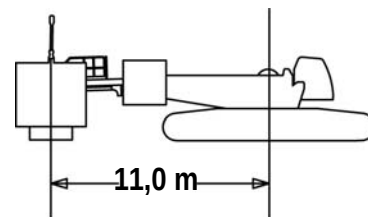
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	69,8	83,8	106 800	125 100*					22,9
24,0	68,1	83,4	100 800	122 700*					24,0
26,0	65,1	82,5	91 400	118 700*					26,0
28,0	62,0	81,4	83 500	113 600*	65,4	82,2	80 400	120 200*	28,0
30,0	58,9	80,2	76 700	102 800*	62,3	81,2	73 800	114 400*	30,0
32,0	55,6	78,9	70 900	93 300*	59,2	80,0	68 200	103 500*	32,0
34,0	52,1	77,4	65 700	85 300*	55,9	78,7	63 200	94 000*	34,0
36,0	48,5	75,7	61 200	78 300*	52,5	77,2	58 900	85 900*	36,0
38,0	44,7	73,7	57 200	72 300*	48,9	75,5	55 000	78 900*	38,0
40,0	40,6	71,4	53 600	67 000*	45,1	73,5	51 500	72 800*	40,0
42,0	36,1	68,8	50 400	62 400*	41,0	71,3	48 400	67 500*	42,0
44,0	31,0	65,7	47 400	58 200*	36,6	68,7	45 600	62 800*	44,0
46,0	25,0	61,7	44 700	54 300*	31,5	65,6	43 000	58 600*	46,0
48,0					25,6	61,8	40 500	54 700*	48,0
50,0					17,9	56,5	38 300	50 600*	50,0
52,0									52,0
54,0									54,0
56,0									56,0
58,0									58,0
60,0									60,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													32,0
34,0	61,7	80,1	59 100	103 400*									34,0
36,0	58,5	78,9	55 000	97 100*									36,0
38,0	55,2	77,5	51 300	91 500*									38,0
40,0	51,8	76,0	48 100	84 700*									40,0
42,0	48,2	74,2	45 100	77 800*	54,4	75,9	41 900	79 000					42,0
44,0	44,3	72,2	42 500	72 000*	50,9	74,4	39 400	74 600					44,0
46,0	40,2	69,9	40 000	66 800*	47,2	72,6	37 100	70 700					46,0
48,0	35,6	67,3	37 800	62 100*	43,3	70,5	35 000	67 100	49,8	72,3	32 300	65 000	48,0
50,0	30,5	64,1	35 700	58 000*	39,1	68,1	33 100	63 900	46,1	70,5	30 500	61 900	50,0
52,0	24,3	60,0	33 800	54 200*	34,4	65,3	31 300	60 800	42,1	68,3	28 800	58 900	52,0
54,0	15,9	54,2	32 000	50 300*	29,1	62,0	29 700	57 300*	37,7	65,8	27 300	56 200	54,0
56,0					22,5	57,6	28 100	53 600*	32,9	62,9	25 900	53 800	56,0
58,0									27,2	59,3	24 500	51 500	58,0
60,0									20,1	54,5	23 200	49 300	60,0

Liftcrane Luffing Jib Capacities

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

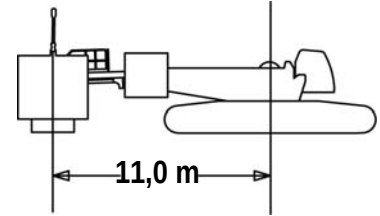
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



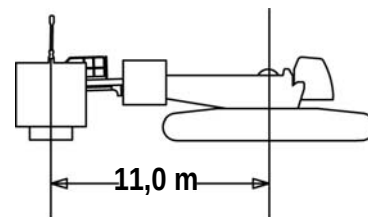
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	70,5	89,7	98 200	112 200*					24,4
26,0	68,4	89,1	90 800	109 400*					26,0
28,0	65,8	88,2	82 900	105 500*					28,0
30,0	63,1	87,2	76 100	100 900*	66,1	87,9	73 200	105 800*	30,0
32,0	60,4	86,1	70 300	92 800*	63,4	86,9	67 500	101 900*	32,0
34,0	57,6	84,8	65 200	85 100*	60,7	85,8	62 600	94 000*	34,0
36,0	54,7	83,4	60 700	78 100*	57,9	84,6	58 200	85 900*	36,0
38,0	51,7	81,9	56 700	72 200*	55,0	83,2	54 300	78 900*	38,0
40,0	48,5	80,1	53 100	66 900*	52,0	81,6	50 900	72 800*	40,0
42,0	45,2	78,2	49 800	62 300*	48,8	79,9	47 800	67 500*	42,0
44,0	41,6	76,0	46 900	58 100*	45,5	78,0	44 900	62 800*	44,0
46,0	37,8	73,5	44 200	54 400*	42,0	75,8	42 400	58 600*	46,0
48,0	33,6	70,6	41 800	51 000*	38,2	73,4	40 000	54 800*	48,0
50,0	28,9	67,2	39 500	47 900*	34,1	70,6	37 800	51 400*	50,0
52,0	23,3	63,0	37 400	45 000*	29,4	67,2	35 800	48 300*	52,0
54,0					23,9	63,0	33 900	45 400*	54,0
56,0					16,7	57,3	32 100	42 000*	56,0
58,0									58,0
60,0									60,0
62,0									62,0
64,0									64,0
66,0									66,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 m Position
 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													32,0
34,0													34,0
36,0													36,0
38,0	60,1	84,7	50 500	90 700*									38,0
40,0	57,3	83,4	47 300	84 700*									40,0
42,0	54,4	82,0	44 400	77 700*									42,0
44,0	51,3	80,4	41 700	71 900*									44,0
46,0	48,2	78,7	39 300	66 700*	53,6	80,4	36 300	70 000					46,0
48,0	44,8	76,7	37 100	62 100*	50,6	78,8	34 200	66 500					48,0
50,0	41,3	74,5	35 100	58 000*	47,4	77,0	32 300	63 200					50,0
52,0	37,4	72,0	33 200	54 300*	44,0	75,0	30 500	60 200	49,6	76,8	28 000	58 200	52,0
54,0	33,2	69,1	31 400	50 900*	40,3	72,7	28 900	57 300	46,3	74,9	26 400	55 500	54,0
56,0	28,4	65,6	29 800	47 900*	36,4	70,1	27 400	53 600*	42,9	72,9	25 000	53 100	56,0
58,0	22,6	61,2	28 300	45 100*	32,1	67,1	26 000	50 300*	39,2	70,5	23 700	50 800	58,0
60,0	14,8	55,0	26 800	41 900*	27,1	63,4	24 700	47 300*	35,1	67,7	22 500	48 700	60,0
62,0					21,0	58,7	23 400	44 600*	30,6	64,5	21 400	46 700	62,0
64,0					12,1	51,5	22 100	41 900*	25,4	60,6	20 200	44 800	64,0
66,0									18,8	55,5	19 200	43 000	66,0

Liftcrane Luffing Jib Capacities

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

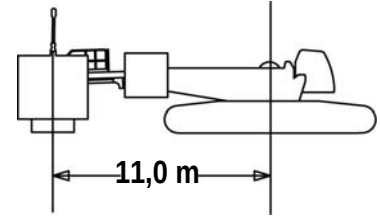
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



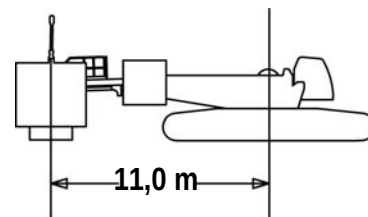
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	67,5	94,3	79 100	91 700*					29,0
30,0	66,3	93,8	75 700	89 900*					30,0
32,0	64,0	92,9	69 800	86 400*	66,6	93,6	66 900	88 700*	32,0
34,0	61,6	91,8	64 700	82 700*	64,2	92,6	62 000	87 100*	34,0
36,0	59,1	90,6	60 200	78 100*	61,8	91,6	57 700	83 400*	36,0
38,0	56,6	89,3	56 200	72 100*	59,4	90,4	53 800	78 700*	38,0
40,0	54,0	87,9	52 600	66 800*	56,8	89,1	50 400	72 800*	40,0
42,0	51,3	86,3	49 300	62 200*	54,2	87,7	47 200	67 400*	42,0
44,0	48,5	84,6	46 400	58 000*	51,5	86,1	44 400	62 700*	44,0
46,0	45,5	82,7	43 700	54 300*	48,7	84,4	41 800	58 500*	46,0
48,0	42,4	80,6	41 300	50 900*	45,8	82,5	39 500	54 700*	48,0
50,0	39,1	78,2	39 100	47 800*	42,7	80,4	37 300	51 300*	50,0
52,0	35,5	75,5	37 000	45 000*	39,4	78,0	35 300	48 200*	52,0
54,0	31,6	72,3	35 100	42 400*	35,9	75,3	33 500	45 400*	54,0
56,0	27,2	68,7	33 300	40 100*	32,0	72,3	31 800	42 800*	56,0
58,0	21,9	64,1	31 600	37 800*	27,6	68,7	30 200	40 400*	58,0
60,0					22,5	64,2	28 700	38 200*	60,0
62,0					15,7	58,2	27 200	35 300*	62,0
64,0									64,0
66,0									66,0
68,0									68,0
70,0									70,0
72,0									72,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 m Position
 360 Degree Rating



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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													38,0
40,0	61,3	90,4	46 700	80 600*									40,0
42,0	58,9	89,3	43 700	78 100*									42,0
44,0	56,3	87,9	41 100	71 800*									44,0
46,0	53,7	86,5	38 700	66 600*									46,0
48,0	51,0	84,9	36 500	62 000*	55,7	86,4	33 500	65 900					48,0
50,0	48,2	83,2	34 500	57 800*	53,0	84,9	31 600	62 600					50,0
52,0	45,2	81,2	32 600	54 100*	50,3	83,3	29 900	59 700					52,0
54,0	42,1	79,1	30 900	50 800*	47,5	81,5	28 300	56 800					54,0
56,0	38,8	76,6	29 300	47 800*	44,5	79,5	26 800	53 500*	49,5	81,3	24 300	52 500	56,0
58,0	35,2	73,9	27 800	45 000*	41,3	77,3	25 400	50 200*	46,6	79,4	23 100	50 200	58,0
60,0	31,2	70,7	26 400	42 500*	37,9	74,8	24 100	47 300*	43,5	77,4	21 800	48 100	60,0
62,0	26,7	67,0	25 100	40 100*	34,2	72,0	22 900	44 500*	40,3	75,1	20 700	46 200	62,0
64,0	21,3	62,3	23 800	37 900*	30,1	68,7	21 700	42 100*	36,8	72,5	19 600	44 300	64,0
66,0	13,9	55,7	22 600	35 400*	25,5	64,8	20 700	39 700*	33,0	69,5	18 600	42 600	66,0
68,0					19,7	59,7	19 600	37 500*	28,8	66,1	17 700	41 000	68,0
70,0					11,4	52,1	18 600	35 400*	23,9	61,9	16 800	39 200	70,0
72,0									17,6	56,4	15 900	37 100*	72,0

Liftcrane Luffing Jib Capacities

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

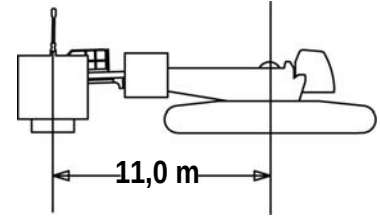
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



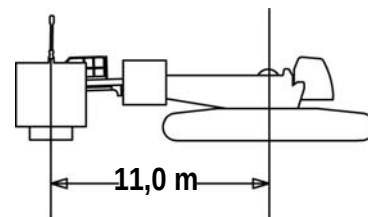
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	65,2	98,8	65 200	74 600*	67,4	99,4	62 400	72 500*	33,5
34,0	64,7	98,6	64 100	73 800*	67,0	99,2	61 300	72 500*	34,0
36,0	62,5	97,6	59 500	70 400*	64,9	98,3	56 900	72 500*	36,0
38,0	60,3	96,4	55 500	67 000*	62,7	97,3	53 100	70 900*	38,0
40,0	58,1	95,2	51 900	63 800*	60,5	96,2	49 600	67 600*	40,0
42,0	55,8	93,9	48 700	60 600*	58,3	95,0	46 500	64 400*	42,0
44,0	53,4	92,4	45 800	57 400*	56,0	93,6	43 700	61 200*	44,0
46,0	51,0	90,8	43 100	53 800*	53,6	92,2	41 100	58 000*	46,0
48,0	48,4	89,1	40 600	50 400*	51,2	90,6	38 800	54 200*	48,0
50,0	45,8	87,2	38 400	47 400*	48,7	88,9	36 600	50 800*	50,0
52,0	43,0	85,1	36 400	44 600*	46,1	87,0	34 700	47 800*	52,0
54,0	40,1	82,8	34 500	42 100*	43,3	84,9	32 800	45 000*	54,0
56,0	37,0	80,2	32 700	39 700*	40,4	82,6	31 200	42 400*	56,0
58,0	33,6	77,3	31 100	37 600*	37,3	80,1	29 600	40 000*	58,0
60,0	29,9	73,9	29 600	35 500*	34,0	77,2	28 100	37 900*	60,0
62,0	25,7	70,0	28 100	33 600*	30,3	73,9	26 700	35 800*	62,0
64,0	20,7	65,2	26 700	31 800*	26,2	70,1	25 400	33 900*	64,0
66,0					21,3	65,3	24 200	32 100*	66,0
68,0					14,8	58,9	23 000	29 700*	68,0
70,0									70,0
72,0									72,0
74,0									74,0
76,0									76,0
78,0									78,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													40,0
42,0													42,0
44,0	60,1	95,1	40 300	66 000*									44,0
46,0	57,8	93,8	37 900	63 600*									46,0
48,0	55,5	92,5	35 700	60 600*									48,0
50,0	53,2	91,0	33 700	57 300*									50,0
52,0	50,7	89,4	31 800	53 700*	55,0	90,9	29 000	59 000					52,0
54,0	48,2	87,6	30 100	50 300*	52,6	89,4	27 400	56 200					54,0
56,0	45,5	85,7	28 600	47 300*	50,1	87,8	25 900	53 000*					56,0
58,0	42,7	83,6	27 100	44 600*	47,5	86,0	24 600	49 700*	51,8	87,4	22 100	49 500	58,0
60,0	39,8	81,2	25 700	42 000*	44,8	84,0	23 300	46 700*	49,3	85,8	20 900	47 400	60,0
62,0	36,7	78,6	24 400	39 700*	42,0	81,8	22 100	44 100*	46,7	83,9	19 800	45 400	62,0
64,0	33,3	75,7	23 200	37 600*	39,0	79,4	21 000	41 600*	44,0	81,9	18 800	43 600	64,0
66,0	29,5	72,3	22 000	35 600*	35,8	76,8	19 900	39 300*	41,1	79,7	17 800	41 900	66,0
68,0	25,2	68,3	20 900	33 700*	32,4	73,7	18 900	37 200*	38,1	77,2	16 900	40 300	68,0
70,0	20,1	63,4	19 900	31 900*	28,5	70,2	18 000	35 200*	34,8	74,4	16 000	38 800	70,0
72,0	13,1	56,3	18 800	29 900*	24,1	66,0	17 000	33 400*	31,2	71,2	15 200	36 700*	72,0
74,0					18,7	60,7	16 100	31 600*	27,2	67,5	14 400	34 800*	74,0
76,0					10,7	52,7	15 300	29 900*	22,6	63,1	13 600	33 000*	76,0
78,0									16,7	57,2	12 800	31 300*	78,0

Liftcrane Luffing Jib Capacities

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

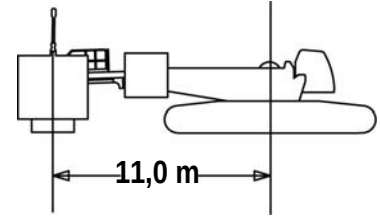
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



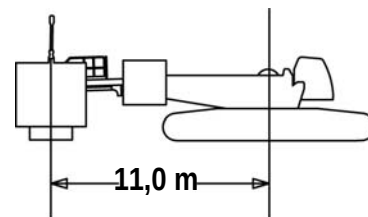
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	63,2	103,2	54 600	62 700*	65,3	103,9	52 100	60 500*	38,1
40,0	61,3	102,2	51 200	62 200*	63,5	103,0	48 900	60 400*	40,0
42,0	59,3	101,0	48 000	59 700*	61,5	101,9	45 700	60 300*	42,0
44,0	57,2	99,8	45 000	56 100*	59,5	100,8	42 900	60 100*	44,0
46,0	55,1	98,4	42 400	52 500*	57,4	99,5	40 300	56 500*	46,0
48,0	52,9	96,9	39 900	49 400*	55,3	98,2	38 000	53 000*	48,0
50,0	50,7	95,3	37 700	46 500*	53,2	96,7	35 900	49 800*	50,0
52,0	48,4	93,6	35 600	43 800*	50,9	95,1	33 900	46 900*	52,0
54,0	46,0	91,7	33 800	41 200*	48,6	93,3	32 100	44 100*	54,0
56,0	43,5	89,6	32 000	38 900*	46,3	91,5	30 400	41 600*	56,0
58,0	40,9	87,3	30 400	36 800*	43,8	89,4	28 800	39 300*	58,0
60,0	38,1	84,8	28 900	34 800*	41,2	87,2	27 400	37 100*	60,0
62,0	35,2	82,1	27 400	33 000*	38,4	84,7	26 000	35 100*	62,0
64,0	32,0	79,0	26 100	31 300*	35,5	82,0	24 700	33 300*	64,0
66,0	28,5	75,5	24 800	29 700*	32,3	78,9	23 500	31 500*	66,0
68,0	24,5	71,3	23 600	28 200*	28,8	75,5	22 400	29 900*	68,0
70,0	19,7	66,2	22 500	26 700*	24,9	71,4	21 300	28 400*	70,0
72,0					20,2	66,4	20 200	26 900*	72,0
74,0					14,1	59,6	19 200	25 000*	74,0
76,0									76,0
78,0									78,0
80,0									80,0
82,0									82,0
84,0									84,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													44,0
46,0	61,1	100,8	37 000	54 900*									46,0
48,0	59,1	99,7	34 800	54 900*									48,0
50,0	57,0	98,4	32 800	54 900*									50,0
52,0	54,9	97,0	31 000	52 500*									52,0
54,0	52,7	95,5	29 300	49 300*	56,5	96,8	26 500	50 200*					54,0
56,0	50,5	93,9	27 700	46 400*	54,4	95,4	25 100	50 200*					56,0
58,0	48,2	92,1	26 200	43 700*	52,2	93,9	23 700	48 800*					58,0
60,0	45,8	90,2	24 900	41 200*	49,9	92,2	22 400	45 800*					60,0
62,0	43,3	88,1	23 600	38 900*	47,6	90,5	21 200	43 200*	51,5	91,9	18 900	44 700	62,0
64,0	40,6	85,8	22 400	36 800*	45,2	88,5	20 100	40 700*	49,2	90,2	17 900	42 900	64,0
66,0	37,8	83,3	21 300	34 900*	42,6	86,4	19 100	38 500*	46,9	88,4	16 900	41 200	66,0
68,0	34,9	80,5	20 200	33 100*	40,0	84,0	18 100	36 500*	44,4	86,4	16 000	39 600	68,0
70,0	31,6	77,4	19 200	31 400*	37,1	81,5	17 100	34 600*	41,8	84,2	15 100	38 000	70,0
72,0	28,1	73,8	18 200	29 800*	34,1	78,6	16 300	32 700*	39,1	81,8	14 300	36 000*	72,0
74,0	24,0	69,6	17 300	28 300*	30,8	75,4	15 400	31 100*	36,2	79,1	13 500	34 100*	74,0
76,0	19,2	64,4	16 500	26 800*	27,1	71,7	14 600	29 500*	33,1	76,2	12 800	32 400*	76,0
78,0	12,5	57,0	15 600	25 200*	22,9	67,2	13 800	28 100*	29,7	72,8	12 100	30 700*	78,0
80,0					17,8	61,6	13 100	26 600*	25,9	68,9	11 400	29 200*	80,0
82,0					10,2	53,2	12 300	25 200*	21,5	64,2	10 800	27 700*	82,0
84,0									15,9	58,0	10 100	26 300*	84,0

Liftcrane Luffing Jib Capacities

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

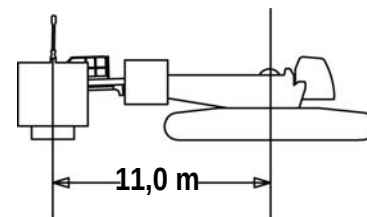
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



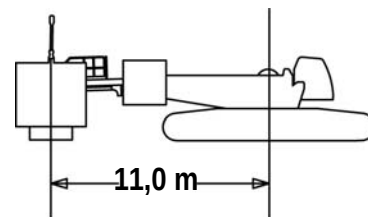
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
44,2													44,2
46,0													46,0
48,0	61,9	106,6	34 000	45 900*									48,0
50,0	60,1	105,4	32 000	45 900*									50,0
52,0	58,2	104,2	30 200	45 900*									52,0
54,0	56,3	102,9	28 500	45 900*									54,0
56,0	54,3	101,5	26 900	45 500*									56,0
58,0	52,3	100,0	25 500	43 300*	55,8	101,4	22 800	41 800*					58,0
60,0	50,3	98,3	24 100	41 000*	53,9	99,9	21 600	41 800*					60,0
62,0	48,2	96,6	22 800	38 600*	51,8	98,4	20 400	41 800*					62,0
64,0	46,0	94,7	21 600	36 500*	49,8	96,7	19 300	40 500*					64,0
66,0	43,7	92,6	20 500	34 600*	47,6	94,9	18 300	38 200*	51,2	96,4	16 100	38 600*	66,0
68,0	41,3	90,4	19 500	32 700*	45,4	93,0	17 300	36 100*	49,1	94,7	15 100	38 500	68,0
70,0	38,8	87,9	18 500	31 000*	43,1	90,9	16 400	34 200*	47,0	92,9	14 300	37 400	70,0
72,0	36,1	85,3	17 600	29 400*	40,7	88,6	15 500	32 400*	44,7	90,9	13 500	35 600*	72,0
74,0	33,3	82,3	16 600	27 900*	38,2	86,1	14 700	30 700*	42,4	88,7	12 700	33 700*	74,0
76,0	30,2	79,0	15 800	26 500*	35,5	83,4	13 900	29 100*	39,9	86,4	12 000	32 000*	76,0
78,0	26,8	75,2	15 000	25 200*	32,6	80,4	13 100	27 700*	37,4	83,8	11 300	30 300*	78,0
80,0	23,0	70,8	14 200	23 900*	29,4	76,9	12 400	26 300*	34,6	81,0	10 600	28 800*	80,0
82,0	18,3	65,3	13 400	22 700*	25,9	73,0	11 700	25 000*	31,6	77,9	10 000	27 300*	82,0
84,0	11,9	57,6	12 700	21 300*	21,9	68,4	11 000	23 700*	28,4	74,3	9 400	26 000*	84,0
86,0					17,0	62,5	10 400	22 500*	24,8	70,2	8 800	24 700*	86,0
88,0					9,7	53,7	9 700	21 200*	20,5	65,3	8 200	23 400*	88,0
90,0									15,1	58,8	7 700	22 300*	90,0

Liftcrane Luffing Jib Capacities

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

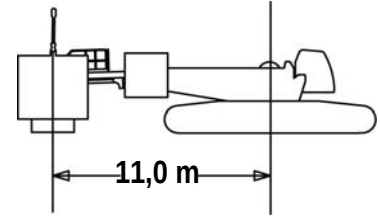
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



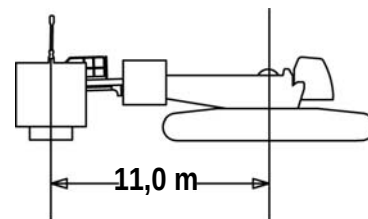
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8													48,8
50,0													50,0
52,0	60,9	111,2	29 500	38 500*									52,0
54,0	59,2	110,1	27 800	38 500*									54,0
56,0	57,5	108,8	26 200	38 500*									56,0
58,0	55,7	107,4	24 800	38 400*									58,0
60,0	53,9	106,0	23 400	38 400*	57,0	107,3	20 800	35 000*					60,0
62,0	52,0	104,5	22 200	37 800*	55,3	105,9	19 700	35 000*					62,0
64,0	50,1	102,8	21 000	35 800*	53,4	104,4	18 600	35 000*					64,0
66,0	48,2	101,1	19 800	33 800*	51,6	102,9	17 500	35 000*					66,0
68,0	46,1	99,2	18 800	32 000*	49,7	101,2	16 600	34 900*					68,0
70,0	44,1	97,1	17 800	30 300*	47,7	99,4	15 600	33 500*	51,0	100,9	13 500	32 200*	70,0
72,0	41,9	94,9	16 900	28 800*	45,6	97,5	14 800	31 700*	49,1	99,2	12 700	32 200*	72,0
74,0	39,6	92,6	16 000	27 300*	43,5	95,4	14 000	30 000*	47,1	97,3	12 000	32 200*	74,0
76,0	37,2	90,0	15 200	25 900*	41,3	93,2	13 200	28 500*	45,0	95,4	11 300	31 200*	76,0
78,0	34,7	87,2	14 400	24 600*	39,0	90,8	12 500	27 100*	42,9	93,3	10 600	29 600*	78,0
80,0	31,9	84,1	13 600	23 400*	36,6	88,1	11 700	25 700*	40,6	91,0	9 900	28 100*	80,0
82,0	29,0	80,6	12 900	22 200*	34,0	85,2	11 100	24 400*	38,3	88,5	9 300	26 700*	82,0
84,0	25,7	76,6	12 200	21 100*	31,2	82,0	10 400	23 200*	35,8	85,8	8 700	25 400*	84,0
86,0	22,0	72,0	11 500	20 100*	28,2	78,5	9 800	22 100*	33,2	82,8	8 200	24 100*	86,0
88,0	17,6	66,2	10 900	19 000*	24,9	74,3	9 200	21 000*	30,4	79,5	7 600	23 000*	88,0
90,0					21,0	69,5	8 600	19 900*	27,2	75,8	7 100	21 800*	90,0
92,0					16,3	63,4	8 100	18 800*	23,8	71,5	6 600	20 700*	92,0
94,0					9,3	54,1	7 500	17 800*	19,7	66,3	6 000	19 700*	94,0
96,0									14,5	59,6	5 600	18 700*	96,0

Liftcrane Luffing Jib Capacities

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

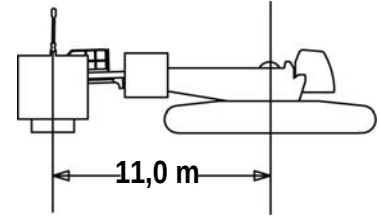
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



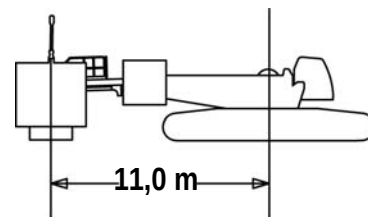
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
54,9	61,0	116,5	26 200	32 200*									54,9
56,0	60,1	115,8	25 400	32 100*									56,0
58,0	58,5	114,6	23 900	32 000*									58,0
60,0	56,8	113,3	22 600	31 900*									60,0
62,0	55,2	112,0	21 300	31 800*									62,0
64,0	53,5	110,5	20 100	31 700*	56,4	111,8	17 600	29 300*					64,0
66,0	51,8	108,9	19 000	31 500*	54,8	110,4	16 600	29 300*					66,0
68,0	50,0	107,3	18 000	31 100*	53,1	108,9	15 700	29 300*					68,0
70,0	48,2	105,5	17 000	29 600*	51,3	107,3	14 700	29 300*					70,0
72,0	46,3	103,6	16 100	28 100*	49,6	105,7	13 900	29 300*	52,5	107,0	11 800	26 700*	72,0
74,0	44,4	101,6	15 200	26 600*	47,7	103,9	13 100	29 000*	50,8	105,4	11 000	26 700*	74,0
76,0	42,4	99,5	14 400	25 200*	45,8	102,0	12 300	27 800*	49,0	103,7	10 300	26 700*	76,0
78,0	40,3	97,1	13 600	24 000*	43,9	99,9	11 600	26 300*	47,1	101,8	9 700	26 700*	78,0
80,0	38,1	94,6	12 800	22 700*	41,8	97,7	10 900	25 000*	45,2	99,9	9 000	26 700*	80,0
82,0	35,8	91,9	12 100	21 600*	39,7	95,3	10 300	23 700*	43,3	97,8	8 400	26 000*	82,0
84,0	33,3	89,0	11 400	20 500*	37,5	92,8	9 600	22 500*	41,2	95,5	7 800	24 700*	84,0
86,0	30,7	85,7	10 800	19 400*	35,2	90,0	9 000	21 400*	39,1	93,1	7 300	23 400*	86,0
88,0	27,9	82,1	10 200	18 500*	32,7	87,0	8 400	20 300*	36,8	90,5	6 700	22 300*	88,0
90,0	24,8	77,9	9 500	17 500*	30,1	83,7	7 900	19 300*	34,5	87,7	6 200	21 200*	90,0
92,0	21,2	73,1	8 900	16 600*	27,2	79,9	7 300	18 300*	31,9	84,5	5 700	20 100*	92,0
94,0	16,9	67,1	8 400	15 700*	23,9	75,6	6 800	17 400*	29,2	81,1	5 300	19 100*	94,0
96,0	11,0	58,7	7 800	14 800*	20,2	70,6	6 300	16 500*	26,2	77,2	4 800	18 100*	96,0
98,0					15,7	64,2	5 800	15 600*	22,9	72,7	4 300	17 200*	98,0
100,0					9,0	54,6	5 300	14 600*	18,9	67,3	3 900	16 300*	100,0
102,0									14,0	60,3	3 500	15 400*	102,0

Liftcrane Luffing Jib Capacities

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

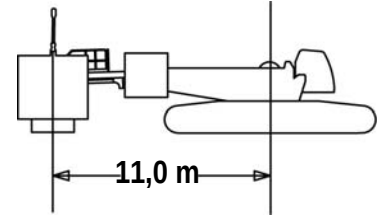
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



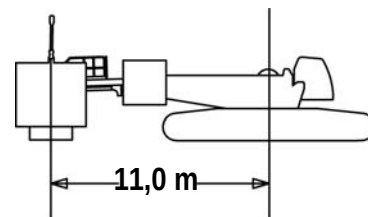
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	67,4	72,5	140 100	168 200*b					18,3
20,0	62,8	71,7	125 800	159 900*b					20,0
22,0	57,2	70,4	112 200	141 000*b	64,2	71,5	107 900	164 800*b	22,0
24,0	51,2	68,9	101 000	127 200*	58,6	70,3	97 100	154 700*b	24,0
26,0	44,5	66,9	91 800	116 500*	52,7	68,9	88 200	142 200*	26,0
28,0	36,9	64,4	83 900	108 400*	46,3	67,0	80 600	131 400*	28,0
30,0	27,4	61,0	77 000	101 600*	38,9	64,7	74 100	118 700*	30,0
32,0	11,6	54,7	70 800	81 100*	30,1	61,6	68 400	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 11,0 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	
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0	59,0	69,4	75 100	128 000* ^b									28,0
30,0	53,1	67,9	69 000	118 800*									30,0
32,0	46,6	66,2	63 800	110 800*									32,0
34,0	39,4	63,9	59 100	103 700*	53,1	66,6	54 800	100 600*					34,0
36,0	30,6	60,8	55 000	97 400*	46,7	64,8	51 000	94 500*					36,0
38,0	18,1	56,0	51 200	91 700*	39,4	62,5	47 600	89 000*	46,2	63,0	41 000	81 000	38,0
40,0					30,7	59,5	44 500	83 800	38,9	60,7	38 400	76 400	40,0
42,0					18,2	54,6	41 600	78 900	30,0	57,5	36 100	72 200	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

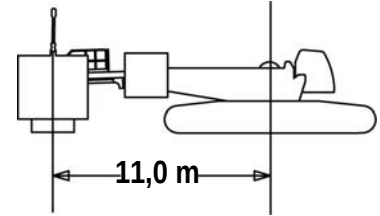
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	69,0	78,4	127 200	150 000*b					19,8
20,0	68,6	78,3	125 800	149 400*b					20,0
22,0	64,4	77,4	112 100	142 100*b					22,0
24,0	60,0	76,3	101 000	129 600*	65,5	77,2	96 900	145 900*b	24,0
26,0	55,4	74,9	91 700	116 800*	61,2	76,1	87 900	140 100*	26,0
28,0	50,6	73,3	83 900	107 200*	56,6	74,9	80 400	131 600*	28,0
30,0	45,3	71,4	77 100	99 500*	51,8	73,3	73 900	120 700*	30,0
32,0	39,5	69,1	71 300	93 300*	46,7	71,5	68 300	108 200*	32,0
34,0	32,7	66,2	66 100	86 900*	41,0	69,3	63 400	97 800*	34,0
36,0	24,3	62,3	61 500	79 000*	34,5	66,6	59 000	88 900*	36,0
38,0	10,2	55,2	57 200	65 100*	26,7	63,0	55 100	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

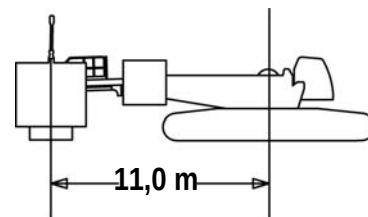
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	56,9	73,9	63 400	110 300*									32,0
34,0	52,1	72,4	58 800	103 300*									34,0
36,0	47,0	70,6	54 800	97 000*									36,0
38,0	41,3	68,5	51 200	91 400*	52,1	71,1	47 200	88 500*					38,0
40,0	34,9	65,8	47 900	86 400	47,0	69,3	44 100	83 400					40,0
42,0	27,2	62,2	44 900	81 300	41,3	67,1	41 400	78 700					42,0
44,0	16,0	56,8	42 100	75 100*	34,9	64,4	39 000	74 400	46,6	67,5	35 700	71 800	44,0
46,0					27,2	60,9	36 600	70 500	41,0	65,3	33 600	68 000	46,0
48,0					16,1	55,5	34 500	66 800	34,5	62,5	31 700	64 600	48,0
50,0									26,6	59,0	29 900	61 400	50,0

Liftcrane Luffing Jib Capacities

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

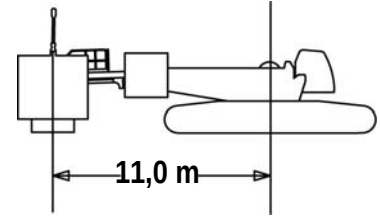
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



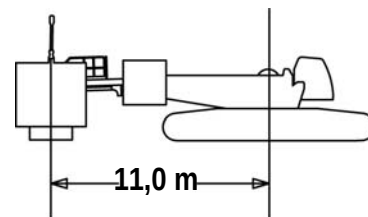
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	70,1	84,2	115 900	134 500* ^b					21,3
22,0	69,0	84,0	111 900	132 800* ^b					22,0
24,0	65,5	83,1	100 500	127 700*					24,0
26,0	61,9	82,0	91 300	119 500*	66,4	82,9	87 300	130 200*	26,0
28,0	58,2	80,8	83 400	108 400*	62,8	81,9	79 800	125 600*	28,0
30,0	54,3	79,4	76 700	99 600*	59,1	80,7	73 300	120 200*	30,0
32,0	50,2	77,8	70 900	92 500*	55,3	79,4	67 800	109 000*	32,0
34,0	45,8	75,9	65 800	86 500*	51,2	77,8	62 900	98 500*	34,0
36,0	41,1	73,7	61 200	80 500*	46,9	76,0	58 500	89 700*	36,0
38,0	35,8	71,1	57 200	74 000*	42,3	73,9	54 700	82 200*	38,0
40,0	29,7	67,8	53 600	68 300*	37,2	71,4	51 200	75 600*	40,0
42,0	22,0	63,4	50 200	62 900*	31,3	68,3	48 100	69 900*	42,0
44,0					24,2	64,3	45 200	64 700*	44,0
46,0									46,0
48,0									48,0
50,0									50,0
52,0									52,0
54,0									54,0
56,0									56,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	63,0	80,9	62 600	109 400*									32,0
34,0	59,3	79,8	58 000	102 500*									34,0
36,0	55,5	78,5	54 000	96 300*									36,0
38,0	51,4	76,9	50 500	90 700*									38,0
40,0	47,2	75,1	47 300	85 700	55,5	77,1	43 300	82 700					40,0
42,0	42,6	73,0	44 400	80 900	51,5	75,6	40 600	78 000					42,0
44,0	37,5	70,5	41 700	76 100	47,2	73,8	38 200	73 700					44,0
46,0	31,7	67,5	39 300	70 400*	42,6	71,7	36 000	69 900	51,2	73,8	32 700	67 300	46,0
48,0	24,6	63,5	37 100	65 300*	37,5	69,2	33 900	66 300	46,9	72,0	30 800	63 900	48,0
50,0	14,5	57,5	34 900	60 100*	31,7	66,1	32 100	63 100	42,3	69,8	29 100	60 800	50,0
52,0					24,7	62,2	30 300	60 100	37,1	67,3	27 500	57 900	52,0
54,0					14,5	56,2	28 600	57 300	31,3	64,2	26 000	55 300	54,0
56,0									24,2	60,2	24 600	52 800	56,0

Liftcrane Luffing Jib Capacities

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

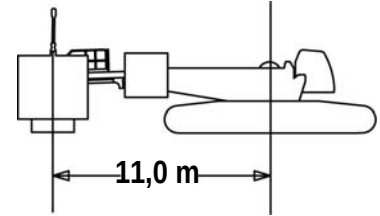
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



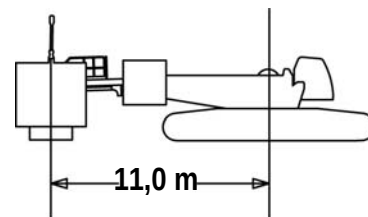
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	70,8	90,1	106 300	120 700*					22,9
24,0	69,2	89,6	100 300	118 300*					24,0
26,0	66,2	88,8	90 900	114 300*					26,0
28,0	63,2	87,8	83 000	110 000*	67,0	88,6	79 400	116 300*	28,0
30,0	60,0	86,7	76 300	102 300*	63,9	87,6	72 800	112 800*	30,0
32,0	56,8	85,4	70 500	93 800*	60,8	86,5	67 300	109 300*	32,0
34,0	53,4	83,9	65 400	87 100*	57,6	85,3	62 400	99 000*	34,0
36,0	49,9	82,3	60 900	80 900*	54,3	83,9	58 100	90 200*	36,0
38,0	46,2	80,4	56 900	74 400*	50,8	82,3	54 200	82 600*	38,0
40,0	42,2	78,3	53 300	68 900*	47,1	80,5	50 800	76 100*	40,0
42,0	37,8	75,8	50 000	64 000*	43,2	78,4	47 700	70 400*	42,0
44,0	33,0	72,8	47 100	59 600*	38,9	76,0	44 900	65 300*	44,0
46,0	27,4	69,3	44 400	55 700*	34,2	73,2	42 300	60 900*	46,0
48,0	20,3	64,5	41 900	51 500*	28,9	69,8	40 000	56 800*	48,0
50,0					22,3	65,4	37 800	53 100*	50,0
52,0									52,0
54,0									54,0
56,0									56,0
58,0									58,0
60,0									60,0
62,0									62,0
64,0									64,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													32,0
34,0													34,0
36,0	61,0	85,6	53 500	95 700*									36,0
38,0	57,8	84,4	49 900	90 200*									38,0
40,0	54,5	83,0	46 700	85 200									40,0
42,0	51,0	81,4	43 800	80 400									42,0
44,0	47,3	79,6	41 200	76 000	54,5	81,6	37 600	73 200					44,0
46,0	43,4	77,5	38 900	70 900*	51,0	80,0	35 400	69 300					46,0
48,0	39,2	75,2	36 700	65 800*	47,3	78,2	33 400	65 800					48,0
50,0	34,5	72,4	34 700	61 300*	43,4	76,2	31 500	62 600	50,8	78,2	28 500	60 200	50,0
52,0	29,2	69,0	32 800	57 200*	39,2	73,8	29 800	59 700	47,1	76,4	26 900	57 400	52,0
54,0	22,7	64,7	31 000	53 500*	34,5	71,1	28 200	57 000	43,2	74,4	25 400	54 800	54,0
56,0	13,3	58,2	29 400	49 400*	29,2	67,7	26 800	54 400	38,9	72,0	24 100	52 300	56,0
58,0					22,7	63,4	25 300	52 100	34,2	69,2	22 800	50 100	58,0
60,0									28,8	65,8	21 600	48 000	60,0
62,0									22,3	61,4	20 400	46 000	62,0
64,0									12,5	54,5	19 300	44 100	64,0

Liftcrane Luffing Jib Capacities

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

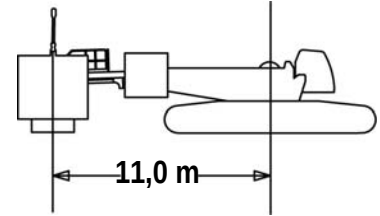
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



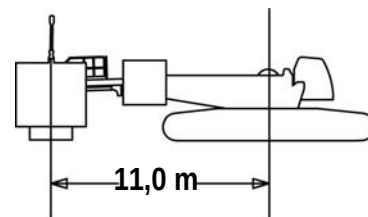
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	69,5	95,3	90 700	104 000*					25,9
26,0	69,3	95,3	90 300	104 000*					26,0
28,0	66,8	94,4	82 400	103 000*					28,0
30,0	64,1	93,5	75 700	99 400*					30,0
32,0	61,4	92,4	69 900	94 400*	64,8	93,3	66 500	99 900*	32,0
34,0	58,6	91,2	64 800	88 000*	62,1	92,3	61 700	97 400*	34,0
36,0	55,8	89,9	60 300	80 500*	59,3	91,1	57 400	90 200*	36,0
38,0	52,8	88,4	56 300	74 300*	56,5	89,8	53 600	82 400*	38,0
40,0	49,7	86,7	52 700	68 700*	53,5	88,4	50 100	75 900*	40,0
42,0	46,4	84,9	49 500	63 900*	50,5	86,7	47 100	70 200*	42,0
44,0	43,0	82,8	46 600	59 500*	47,2	84,9	44 300	65 200*	44,0
46,0	39,3	80,4	43 900	55 700*	43,8	82,9	41 700	60 700*	46,0
48,0	35,2	77,7	41 500	52 200*	40,2	80,6	39 400	56 700*	48,0
50,0	30,7	74,5	39 200	49 000*	36,3	78,0	37 300	53 200*	50,0
52,0	25,5	70,6	37 100	46 000*	31,9	74,9	35 200	49 900*	52,0
54,0	18,9	65,5	35 100	42 800*	26,9	71,2	33 400	46 900*	54,0
56,0					20,8	66,5	31 700	44 100*	56,0
58,0									58,0
60,0									60,0
62,0									62,0
64,0									64,0
66,0									66,0
68,0									68,0
70,0									70,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	59,5	90,2	45 900	84 400									40,0
42,0	56,6	88,9	43 000	79 700									42,0
44,0	53,7	87,5	40 400	75 300									44,0
46,0	50,6	85,8	38 100	70 700*	56,7	87,6	34 500	68 500					46,0
48,0	47,4	84,1	35 900	65 600*	53,7	86,1	32 500	65 100					48,0
50,0	44,0	82,0	33 900	61 100*	50,6	84,5	30 700	61 900					50,0
52,0	40,4	79,8	32 100	57 100*	47,4	82,7	29 000	59 000					52,0
54,0	36,5	77,2	30 400	53 500*	44,1	80,7	27 400	56 300	50,5	82,7	24 500	54 000	54,0
56,0	32,2	74,1	28 900	50 200*	40,4	78,4	26 000	53 800	47,2	80,9	23 200	51 600	56,0
58,0	27,2	70,5	27 400	47 200*	36,5	75,8	24 600	51 500	43,8	78,9	21 900	49 400	58,0
60,0	21,1	65,8	26 000	44 400*	32,2	72,8	23 400	49 300	40,2	76,6	20 800	47 300	60,0
62,0	12,4	58,8	24 600	41 100*	27,2	69,2	22 200	47 200	36,3	74,0	19 700	45 400	62,0
64,0					21,2	64,5	21 000	44 600*	31,9	70,9	18 600	43 500	64,0
66,0									26,9	67,2	17 700	41 900	66,0
68,0									20,7	62,5	16 700	40 200	68,0
70,0									11,6	55,1	15 800	38 700	70,0

Liftcrane Luffing Jib Capacities

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

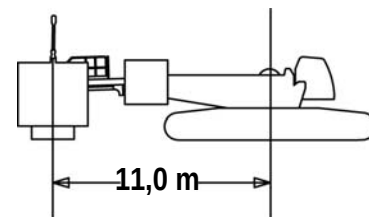
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



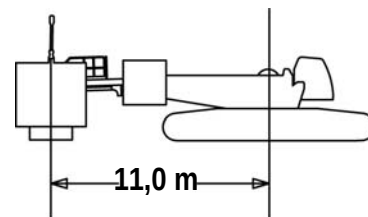
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	66,6	99,9	73 700	85 700*					30,5
32,0	64,8	99,2	69 400	85 600*	67,8	99,9	66 000	81 700*	32,0
34,0	62,5	98,2	64 300	82 300*	65,4	99,0	61 100	81 700*	34,0
36,0	60,0	97,0	59 800	78 200*	63,1	98,0	56 800	81 700*	36,0
38,0	57,5	95,8	55 700	74 000*	60,6	96,9	53 000	80 100*	38,0
40,0	54,9	94,4	52 200	68 700*	58,2	95,7	49 500	76 000*	40,0
42,0	52,3	92,9	49 000	63 800*	55,6	94,3	46 500	70 100*	42,0
44,0	49,5	91,2	46 100	59 400*	53,0	92,9	43 700	65 100*	44,0
46,0	46,6	89,4	43 400	55 600*	50,2	91,2	41 200	60 600*	46,0
48,0	43,6	87,3	41 000	52 100*	47,4	89,4	38 800	56 600*	48,0
50,0	40,3	85,0	38 800	48 900*	44,4	87,4	36 700	53 000*	50,0
52,0	36,9	82,4	36 700	46 100*	41,2	85,2	34 700	49 800*	52,0
54,0	33,1	79,5	34 800	43 400*	37,8	82,7	32 900	46 800*	54,0
56,0	28,9	76,1	33 000	40 900*	34,1	79,8	31 200	44 100*	56,0
58,0	24,0	71,9	31 400	38 600*	30,0	76,6	29 700	41 600*	58,0
60,0	17,8	66,4	29 800	36 000*	25,3	72,6	28 200	39 300*	60,0
62,0					19,5	67,5	26 800	37 100*	62,0
64,0					11,0	59,7	25 400	33 200*	64,0
66,0									66,0
68,0									68,0
70,0									70,0
72,0									72,0
74,0									74,0
76,0									76,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													40,0
42,0	60,8	96,0	42 400	75 100*									42,0
44,0	58,3	94,8	39 800	74 400									44,0
46,0	55,7	93,4	37 400	70 600*									46,0
48,0	53,1	91,9	35 300	65 500*									48,0
50,0	50,4	90,3	33 300	61 000*	55,7	92,1	30 000	61 300					50,0
52,0	47,5	88,5	31 500	57 000*	53,1	90,6	28 300	58 400					52,0
54,0	44,5	86,6	29 900	53 400*	50,4	89,0	26 800	55 700					54,0
56,0	41,4	84,3	28 300	50 100*	47,5	87,2	25 300	53 200					56,0
58,0	38,0	81,8	26 800	47 200*	44,5	85,2	24 000	50 900	50,2	87,2	21 200	48 800	58,0
60,0	34,3	79,0	25 500	44 400*	41,4	83,0	22 700	48 800	47,3	85,4	20 100	46 700	60,0
62,0	30,2	75,7	24 200	41 900*	38,0	80,5	21 600	46 800	44,3	83,4	19 000	44 800	62,0
64,0	25,6	71,8	23 000	39 600*	34,3	77,7	20 500	44 600	41,2	81,2	18 000	43 000	64,0
66,0	19,9	66,9	21 800	37 400*	30,2	74,4	19 400	42 100*	37,8	78,7	17 100	41 300	66,0
68,0	11,6	59,3	20 700	34 600*	25,6	70,5	18 500	39 800*	34,1	75,8	16 200	39 800	68,0
70,0					19,9	65,5	17 500	37 600*	30,0	72,5	15 300	38 300	70,0
72,0									25,3	68,5	14 500	36 800	72,0
74,0									19,5	63,5	13 700	35 500	74,0
76,0									10,9	55,7	12 900	34 200	76,0

Liftcrane Luffing Jib Capacities

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

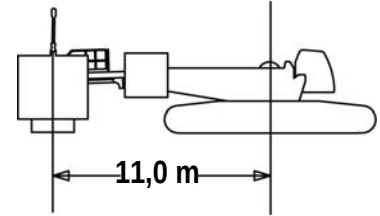
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



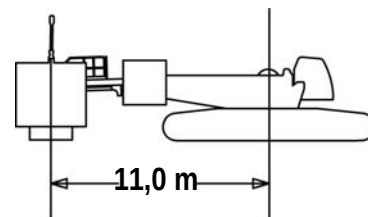
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
35,1													35,1
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	59,6	100,6	36 600	61 900*									46,0
48,0	57,3	99,3	34 400	61 500*									48,0
50,0	55,0	97,9	32 500	59 600*									50,0
52,0	52,6	96,4	30 700	56 500*	57,3	98,0	27 400	55 700*					52,0
54,0	50,1	94,8	29 000	52 900*	55,0	96,6	25 900	54 900					54,0
56,0	47,6	93,0	27 500	49 600*	52,6	95,1	24 400	52 500					56,0
58,0	44,9	91,0	26 100	46 700*	50,2	93,5	23 100	50 200					58,0
60,0	42,1	88,9	24 700	44 000*	47,6	91,7	21 900	48 100					60,0
62,0	39,1	86,5	23 500	41 500*	44,9	89,7	20 700	46 100	50,0	91,7	18 100	44 000	62,0
64,0	35,9	83,8	22 300	39 200*	42,1	87,5	19 600	44 100	47,4	89,9	17 100	42 300	64,0
66,0	32,5	80,8	21 100	37 100*	39,1	85,1	18 600	41 700*	44,7	87,9	16 200	40 600	66,0
68,0	28,6	77,3	20 100	35 100*	35,9	82,5	17 700	39 400*	41,9	85,7	15 300	39 000	68,0
70,0	24,2	73,1	19 100	33 300*	32,5	79,4	16 800	37 300*	38,9	83,3	14 500	37 500	70,0
72,0	18,8	67,8	18 100	31 600*	28,6	75,9	15 900	35 300*	35,7	80,6	13 700	36 200	72,0
74,0	11,0	59,9	17 200	29 200*	24,2	71,8	15 100	33 500*	32,2	77,5	12 900	34 800	74,0
76,0					18,8	66,5	14 300	31 700*	28,4	74,0	12 200	33 600	76,0
78,0									23,9	69,8	11 500	32 400	78,0
80,0									18,4	64,4	10 800	31 200	80,0
82,0									10,3	56,2	10 100	30 000	82,0

Liftcrane Luffing Jib Capacities

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

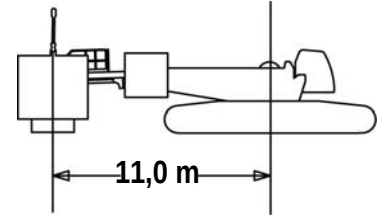
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



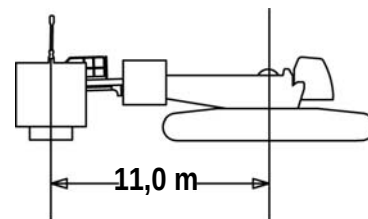
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													44,0
46,0	62,6	107,5	35 700	51 500*									46,0
48,0	60,6	106,4	33 600	51 500*									48,0
50,0	58,6	105,2	31 600	51 500*									50,0
52,0	56,5	103,9	29 800	51 500*									52,0
54,0	54,4	102,5	28 200	51 100*									54,0
56,0	52,2	100,9	26 600	49 100*	56,5	102,5	23 500	47 000*					56,0
58,0	50,0	99,3	25 200	46 000*	54,4	101,1	22 200	47 000*					58,0
60,0	47,6	97,5	23 900	43 300*	52,2	99,6	21 000	46 800					60,0
62,0	45,2	95,5	22 600	40 900*	50,0	97,9	19 900	45 500					62,0
64,0	42,7	93,4	21 500	38 600*	47,6	96,1	18 800	43 500	52,1	97,8	16 100	41 500	64,0
66,0	40,0	91,1	20 400	36 500*	45,2	94,2	17 800	41 000*	49,8	96,1	15 300	39 800	66,0
68,0	37,2	88,5	19 300	34 600*	42,7	92,1	16 800	38 700*	47,5	94,3	14 400	38 300	68,0
70,0	34,2	85,7	18 400	32 800*	40,0	89,7	15 900	36 700*	45,1	92,4	13 600	36 800	70,0
72,0	30,9	82,4	17 400	31 100*	37,2	87,2	15 100	34 800*	42,5	90,2	12 800	35 400	72,0
74,0	27,2	78,7	16 500	29 500*	34,2	84,3	14 300	32 900*	39,9	87,9	12 100	34 100	74,0
76,0	23,0	74,3	15 700	28 000*	30,9	81,1	13 500	31 200*	37,0	85,3	11 400	32 900	76,0
78,0	17,9	68,8	14 900	26 600*	27,2	77,4	12 800	29 700*	34,0	82,4	10 700	31 700	78,0
80,0	10,4	60,4	14 000	24 600*	23,0	73,0	12 100	28 200*	30,7	79,2	10 100	30 600	80,0
82,0					17,9	67,4	11 400	26 700*	27,0	75,5	9 400	29 500	82,0
84,0									22,8	71,0	8 800	28 200*	84,0
86,0									17,5	65,3	8 300	26 800*	86,0
88,0									9,8	56,7	7 700	25 300*	88,0

Liftcrane Luffing Jib Capacities

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

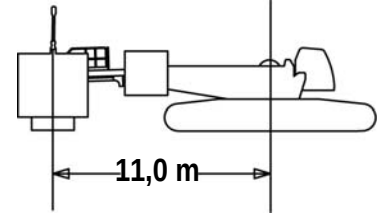
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



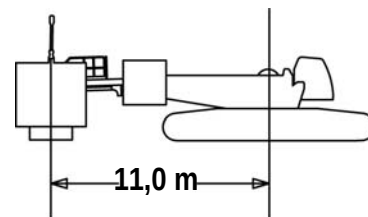
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A
150 590 kg Crane Counterweight
54 430 kg Carbody Counterweight
142 360 kg Hanging Counterweight
at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2													44,2
46,0													46,0
48,0													48,0
50,0	61,5	112,1	30 800	43 400*									50,0
52,0	59,7	111,0	29 000	43 400*									52,0
54,0	57,8	109,7	27 400	43 400*									54,0
56,0	55,9	108,4	25 800	43 400*									56,0
58,0	53,9	107,0	24 400	43 400*	57,8	108,4	21 300	39 500*					58,0
60,0	51,9	105,4	23 100	42 800*	55,9	107,1	20 100	39 500*					60,0
62,0	49,8	103,7	21 800	40 500*	53,9	105,6	19 000	39 500*					62,0
64,0	47,7	101,9	20 700	38 200*	51,9	104,1	17 900	39 500*					64,0
66,0	45,5	100,0	19 600	36 100*	49,8	102,4	16 900	39 400*					66,0
68,0	43,2	97,9	18 600	34 100*	47,7	100,6	16 000	38 500*	51,8	102,3	13 500	36 100*	68,0
70,0	40,8	95,7	17 600	32 300*	45,5	98,7	15 100	36 200*	49,7	100,6	12 600	36 000	70,0
72,0	38,2	93,2	16 700	30 600*	43,2	96,6	14 300	34 300*	47,6	98,8	11 900	34 700	72,0
74,0	35,5	90,4	15 800	29 100*	40,8	94,3	13 500	32 400*	45,3	96,9	11 200	33 400	74,0
76,0	32,6	87,4	15 000	27 600*	38,2	91,8	12 700	30 700*	43,0	94,8	10 500	32 200	76,0
78,0	29,5	84,0	14 200	26 200*	35,5	89,1	12 000	29 200*	40,6	92,5	9 800	31 000	78,0
80,0	26,0	80,1	13 500	24 900*	32,7	86,1	11 300	27 700*	38,1	90,0	9 200	29 900	80,0
82,0	22,0	75,5	12 800	23 600*	29,5	82,7	10 700	26 300*	35,4	87,2	8 600	28 900	82,0
84,0	17,1	69,6	12 000	22 400*	26,0	78,8	10 100	25 000*	32,5	84,2	8 100	27 700*	84,0
86,0	9,9	60,9	11 300	20 600*	22,0	74,2	9 500	23 700*	29,3	80,8	7 500	26 300*	86,0
88,0					17,1	68,3	8 900	22 500*	25,8	76,8	7 000	25 000*	88,0
90,0									21,7	72,1	6 500	23 800*	90,0
92,0									16,8	66,2	6 000	22 600*	92,0
94,0									9,4	57,1	5 500	21 300*	94,0

Liftcrane Luffing Jib Capacities

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

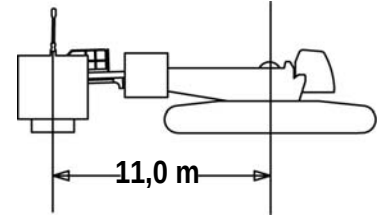
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



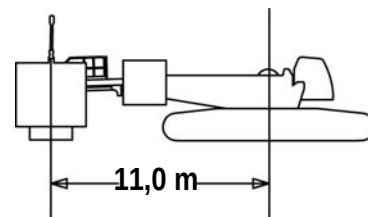
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A
150 590 kg Crane Counterweight
54 430 kg Carbody Counterweight
142 360 kg Hanging Counterweight
at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3													50,3
52,0	62,2	117,9	28 300	36 600*									52,0
54,0	60,5	116,8	26 600	36 600*									54,0
56,0	58,8	115,6	25 100	36 600*									56,0
58,0	57,1	114,3	23 700	36 600*									58,0
60,0	55,3	112,9	22 400	36 600*									60,0
62,0	53,5	111,5	21 100	36 600*	57,1	112,9	18 200	33 200*					62,0
64,0	51,6	109,9	20 000	36 600*	55,3	111,6	17 100	33 200*					64,0
66,0	49,7	108,2	18 900	35 400*	53,5	110,1	16 200	33 200*					66,0
68,0	47,7	106,4	17 900	33 400*	51,6	108,6	15 300	33 200*					68,0
70,0	45,7	104,5	16 900	31 700*	49,7	106,9	14 400	33 200*					70,0
72,0	43,6	102,4	16 000	30 000*	47,7	105,1	13 500	33 000*	51,5	106,8	11 100	30 600*	72,0
74,0	41,4	100,2	15 100	28 400*	45,7	103,2	12 800	31 800*	49,6	105,1	10 400	30 600*	74,0
76,0	39,1	97,8	14 400	27 000*	43,6	101,1	12 000	30 100*	47,6	103,3	9 700	30 600*	76,0
78,0	36,6	95,2	13 600	25 600*	41,4	98,9	11 300	28 500*	45,6	101,3	9 100	30 400	78,0
80,0	34,1	92,3	12 800	24 300*	39,1	96,5	10 600	27 100*	43,4	99,3	8 500	29 300	80,0
82,0	31,3	89,1	12 200	23 100*	36,7	93,8	10 000	25 700*	41,2	97,0	7 900	28 300	82,0
84,0	28,3	85,5	11 500	22 000*	34,1	90,9	9 400	24 500*	38,9	94,6	7 300	27 100*	84,0
86,0	25,0	81,4	10 800	20 900*	31,3	87,8	8 800	23 200*	36,5	92,0	6 800	25 700*	86,0
88,0	21,1	76,6	10 200	19 800*	28,3	84,2	8 200	22 100*	33,9	89,1	6 300	24 500*	88,0
90,0	16,4	70,5	9 600	18 800*	25,0	80,1	7 700	21 000*	31,1	85,9	5 800	23 300*	90,0
92,0					21,1	75,3	7 100	19 900*	28,1	82,3	5 400	22 100*	92,0
94,0					16,4	69,2	6 600	18 900*	24,7	78,1	4 900	21 000*	94,0
96,0					9,6	60,1	6 100	17 900*	20,9	73,2	4 400	20 000*	96,0
98,0									16,1	67,0	4 000	18 900*	98,0
100,0									9,0	57,6	3 500	17 900*	100,0

Liftcrane Luffing Jib Capacities

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

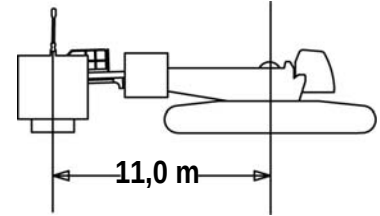
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
56,4	55,6	119,6	29 300	33 200*	57,7	120,8	27 300	32 800*	56,4
58,0	54,3	118,4	28 000	33 000*	56,4	119,7	26 100	32 600*	58,0
60,0	52,6	116,9	26 500	32 200*	54,7	118,3	24 600	32 400*	60,0
62,0	50,8	115,3	25 100	31 000*	53,0	116,9	23 300	32 200*	62,0
64,0	49,0	113,6	23 900	29 900*	51,3	115,3	22 000	32 000*	64,0
66,0	47,2	111,7	22 600	28 600*	49,5	113,6	20 900	30 800*	66,0
68,0	45,3	109,8	21 500	27 100*	47,7	111,8	19 800	29 100*	68,0
70,0	43,3	107,7	20 400	25 700*	45,8	109,9	18 700	27 600*	70,0
72,0	41,3	105,5	19 300	24 400*	43,8	107,8	17 800	26 100*	72,0
74,0	39,1	103,1	18 400	23 100*	41,8	105,6	16 800	24 700*	74,0
76,0	36,9	100,4	17 500	21 900*	39,7	103,2	16 000	23 500*	76,0
78,0	34,5	97,6	16 600	20 800*	37,5	100,7	15 100	22 300*	78,0
80,0	32,0	94,5	15 700	19 700*	35,1	97,9	14 400	21 200*	80,0
82,0	29,3	91,0	14 900	18 700*	32,6	94,9	13 600	20 100*	82,0
84,0	26,3	87,1	14 200	17 800*	30,0	91,5	12 900	19 000*	84,0
86,0	22,9	82,7	13 400	16 800*	27,1	87,7	12 200	18 100*	86,0
88,0	19,0	77,3	12 700	15 900*	23,8	83,4	11 500	17 100*	88,0
90,0					20,1	78,3	10 900	16 200*	90,0
92,0					15,5	71,9	10 200	15 200*	92,0
94,0					8,6	62,1	9 500	13 100*	94,0
96,0									96,0
98,0									98,0
100,0									100,0
102,0									102,0
104,0									104,0
106,0									106,0

Liftcrane Luffing Jib Capacities

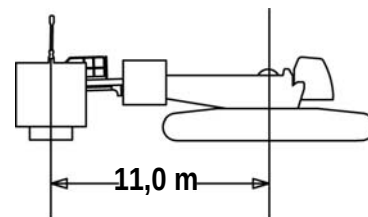
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
56,4	61,0	122,3	23 900	30 700*									56,4
58,0	59,7	121,4	22 800	30 700*									58,0
60,0	58,1	120,1	21 500	30 700*									60,0
62,0	56,5	118,8	20 200	30 600*									62,0
64,0	54,8	117,4	19 100	30 600*									64,0
66,0	53,1	115,9	18 000	30 500*	56,5	117,5	15 200	27 900*					66,0
68,0	51,4	114,4	17 000	30 400*	54,8	116,1	14 300	27 900*					68,0
70,0	49,6	112,7	16 100	30 400*	53,1	114,6	13 500	27 900*					70,0
72,0	47,8	110,9	15 200	29 300*	51,4	113,0	12 600	27 900*					72,0
74,0	45,9	109,0	14 300	27 700*	49,6	111,3	11 900	27 900*					74,0
76,0	43,9	106,9	13 500	26 300*	47,8	109,6	11 100	27 900*	51,3	111,2	8 800	25 400*	76,0
78,0	41,9	104,7	12 800	24 900*	45,9	107,7	10 400	27 700*	49,5	109,6	8 200	25 400*	78,0
80,0	39,8	102,4	12 000	23 700*	43,9	105,6	9 800	26 400*	47,6	107,7	7 500	25 400*	80,0
82,0	37,6	99,8	11 300	22 500*	41,9	103,4	9 100	25 000*	45,8	105,8	7 000	25 400*	82,0
84,0	35,2	97,1	10 700	21 300*	39,8	101,1	8 500	23 700*	43,8	103,8	6 400	25 400*	84,0
86,0	32,8	94,1	10 000	20 200*	37,6	98,5	8 000	22 600*	41,8	101,6	5 900	25 000*	86,0
88,0	30,1	90,7	9 500	19 200*	35,3	95,7	7 400	21 400*	39,7	99,2	5 400	23 800*	88,0
90,0	27,2	87,0	8 900	18 200*	32,8	92,7	6 900	20 400*	37,4	96,7	4 900	22 600*	90,0
92,0	24,0	82,7	8 300	17 300*	30,1	89,4	6 400	19 300*	35,1	93,9	4 500	21 500*	92,0
94,0	20,3	77,7	7 700	16 400*	27,2	85,6	5 900	18 300*	32,6	90,8	4 000	20 400*	94,0
96,0	15,8	71,3	7 200	15 500*	24,0	81,4	5 400	17 400*	30,0	87,5	3 600	19 400*	96,0
98,0					20,3	76,3	4 900	16 500*	27,0	83,7	3 200	18 400*	98,0
100,0					15,8	70,0	4 500	15 600*	23,8	79,4	2 800	17 400*	100,0
102,0					9,2	60,5	4 000	14 700*	20,1	74,3	2 400	16 500*	102,0
104,0									15,5	67,8	2 000	15 600*	104,0
106,0									8,6	58,0	1 600	14 700*	106,0

Liftcrane Luffing Jib Capacities

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

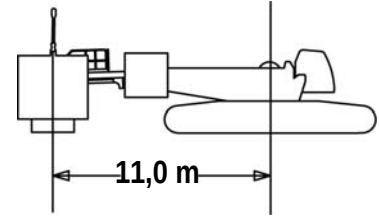
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	69,3	78,8	139 400	168 000*c					18,3
20,0	64,8	78,0	125 100	158 500*b					20,0
22,0	59,3	76,8	111 500	142 100*b					22,0
24,0	53,4	75,4	100 500	127 900*	61,6	76,9	95 900	152 500*b	24,0
26,0	47,0	73,6	91 200	117 100*	55,9	75,6	87 000	140 900*b	26,0
28,0	39,8	71,4	83 400	108 800*	49,7	73,9	79 500	130 500*	28,0
30,0	31,2	68,4	76 600	102 800*	42,9	71,9	73 100	121 300*	30,0
32,0	19,1	63,7	70 500	91 900*	35,0	69,2	67 500	111 900*	32,0
34,0					24,8	65,5	62 500	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

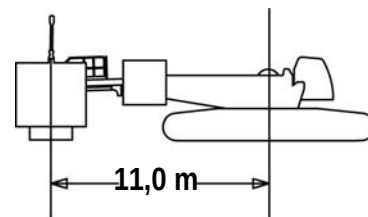
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0	57,7	74,9	67 200	117 200* ^b									30,0
32,0	51,7	73,4	62 100	109 200*									32,0
34,0	45,1	71,5	57 500	102 200*									34,0
36,0	37,6	69,1	53 500	96 000*	53,2	72,3	48 800	92 700*					36,0
38,0	28,3	65,7	49 900	90 400*	46,8	70,5	45 500	87 300*					38,0
40,0					39,6	68,2	42 600	82 200					40,0
42,0					30,9	65,2	39 900	77 500	48,0	69,0	36 100	74 500	42,0
44,0					18,6	60,5	37 400	73 200	41,0	66,8	33 900	70 400	44,0
46,0									32,6	63,9	31 800	66 700	46,0
48,0									21,4	59,7	29 900	63 300	48,0

Liftcrane Luffing Jib Capacities

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

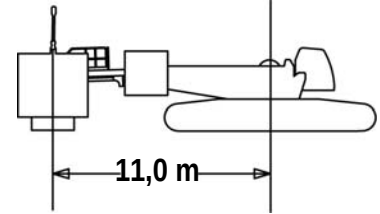
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



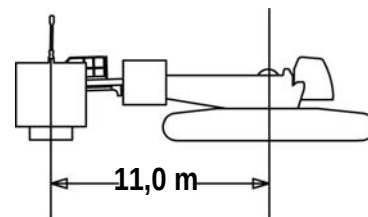
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	70,5	84,6	126 500	151 100*b					19,8
20,0	70,1	84,6	125 100	150 300*b					20,0
22,0	66,0	83,7	111 400	141 900*b					22,0
24,0	61,7	82,7	100 300	130 100*					24,0
26,0	57,2	81,4	91 100	117 200*	63,4	82,6	86 700	137 800*b	26,0
28,0	52,4	79,9	83 300	107 500*	59,0	81,5	79 200	130 000*	28,0
30,0	47,3	78,1	76 600	99 800*	54,4	80,1	72 900	121 000*	30,0
32,0	41,7	76,0	70 800	93 600*	49,4	78,4	67 400	112 800*	32,0
34,0	35,3	73,3	65 700	88 500*	44,0	76,4	62 500	103 200*	34,0
36,0	27,7	69,8	61 100	82 100*	38,0	74,0	58 200	93 300*	36,0
38,0	16,9	64,6	56 900	71 200*	31,0	70,9	54 300	85 100*	38,0
40,0					21,9	66,6	50 800	77 300*	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 11,0 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	
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	60,4	80,7	61 500	108 600*									32,0
34,0	55,8	79,4	57 100	101 700*									34,0
36,0	51,0	77,8	53 200	95 600*									36,0
38,0	45,7	76,0	49 600	90 100*									38,0
40,0	40,0	73,7	46 500	85 100	52,2	76,8	42 100	81 800					40,0
42,0	33,3	70,9	43 600	80 300	47,1	75,0	39 500	77 100					42,0
44,0	25,1	67,1	41 000	75 900	41,5	72,8	37 100	72 900					44,0
46,0					35,1	70,2	34 900	69 100	48,1	73,4	31 300	66 200	46,0
48,0					27,4	66,7	32 900	65 600	42,6	71,3	29 500	62 900	48,0
50,0					16,5	61,3	31 000	62 300	36,3	68,8	27 800	59 800	50,0
52,0									29,0	65,5	26 300	57 000	52,0
54,0									18,9	60,6	24 800	54 300	54,0

Liftcrane Luffing Jib Capacities

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

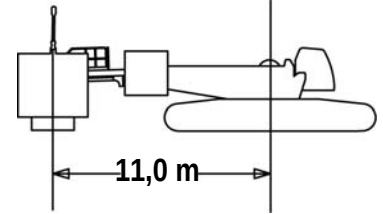
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



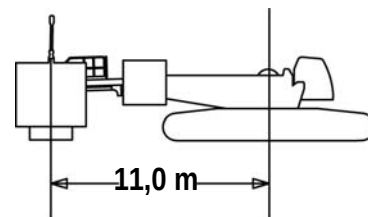
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	68,7	89,9	106 000	131 000*					22,9
24,0	66,8	89,4	100 000	127 300*					24,0
26,0	63,2	88,4	90 600	119 500*					26,0
28,0	59,5	87,2	82 800	108 400*	64,7	88,3	78 700	124 400*	28,0
30,0	55,7	85,9	76 100	99 700*	61,0	87,3	72 200	118 400*	30,0
32,0	51,7	84,4	70 300	92 600*	57,3	86,0	66 700	112 000*	32,0
34,0	47,4	82,6	65 300	86 800*	53,4	84,6	61 900	104 100*	34,0
36,0	42,8	80,5	60 700	82 000*	49,2	82,9	57 600	94 100*	36,0
38,0	37,8	78,1	56 700	76 300*	44,8	80,9	53 800	86 000*	38,0
40,0	32,0	75,0	53 100	70 300*	39,9	78,6	50 400	78 900*	40,0
42,0	25,1	71,2	49 900	65 100*	34,5	75,9	47 300	72 800*	42,0
44,0	15,3	65,3	46 800	57 000*	28,1	72,4	44 500	67 400*	44,0
46,0					19,9	67,7	41 900	62 000*	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 11,0 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	
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	58,5	85,3	52 400	94 800*									36,0
38,0	54,6	83,9	48 900	89 300*									38,0
40,0	50,5	82,3	45 800	84 400									40,0
42,0	46,2	80,5	43 000	79 700	55,6	82,8	38 600	76 400					42,0
44,0	41,5	78,3	40 400	75 400	51,6	81,2	36 300	72 100					44,0
46,0	36,2	75,7	38 100	71 400	47,3	79,5	34 200	68 400					46,0
48,0	30,2	72,5	35 900	67 800	42,7	77,4	32 200	64 900					48,0
50,0	22,8	68,2	33 900	64 100	37,6	74,9	30 400	61 800	48,1	77,9	26 900	59 100	50,0
52,0					31,9	71,9	28 700	58 900	43,6	75,9	25 400	56 300	52,0
54,0					24,9	68,0	27 200	56 200	38,6	73,5	24 000	53 700	54,0
56,0					14,9	62,0	25 700	53 600	33,0	70,6	22 700	51 400	56,0
58,0									26,3	66,9	21 500	49 200	58,0
60,0									17,1	61,5	20 300	47 000	60,0

Liftcrane Luffing Jib Capacities

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

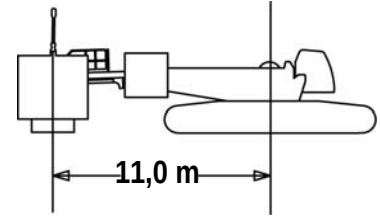
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



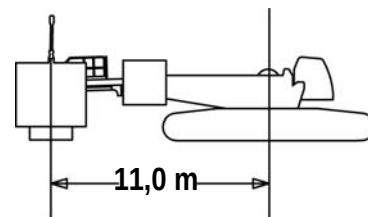
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	69,7	95,7	97 600	116 900*					24,4
26,0	67,3	95,1	90 200	114 100*					26,0
28,0	64,3	94,1	82 400	108 700*					28,0
30,0	61,2	93,0	75 700	101 500*	65,5	94,1	71 800	112 500*	30,0
32,0	58,0	91,8	69 900	93 600*	62,5	93,0	66 200	108 100*	32,0
34,0	54,7	90,4	64 900	87 000*	59,3	91,9	61 400	102 900*	34,0
36,0	51,2	88,8	60 400	81 500*	56,0	90,5	57 100	94 900*	36,0
38,0	47,5	87,1	56 400	75 900*	52,6	89,1	53 300	86 400*	38,0
40,0	43,7	85,0	52 800	70 200*	49,1	87,3	50 000	79 300*	40,0
42,0	39,4	82,7	49 600	65 000*	45,3	85,4	46 900	73 200*	42,0
44,0	34,8	79,9	46 700	60 300*	41,2	83,2	44 100	67 900*	44,0
46,0	29,5	76,6	44 000	56 200*	36,8	80,7	41 600	63 100*	46,0
48,0	23,1	72,4	41 500	52 700*	31,8	77,6	39 300	58 800*	48,0
50,0	14,1	66,1	39 200	46 900*	25,9	73,8	37 100	55 000*	50,0
52,0					18,3	68,6	35 100	51 100*	52,0
54,0									54,0
56,0									56,0
58,0									58,0
60,0									60,0
62,0									62,0
64,0									64,0
66,0									66,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	60,3	91,1	48 300	88 700*									38,0
40,0	57,1	89,9	45 200	83 800									40,0
42,0	53,7	88,4	42 400	79 200									42,0
44,0	50,2	86,8	39 800	74 800									44,0
46,0	46,5	84,9	37 600	70 900	54,6	87,3	33 500	67 800					46,0
48,0	42,5	82,8	35 400	67 400	51,1	85,7	31 600	64 400					48,0
50,0	38,2	80,4	33 500	64 100	47,4	83,9	29 800	61 300					50,0
52,0	33,4	77,5	31 700	60 400*	43,5	81,9	28 200	58 300	51,7	84,1	24 700	55 700	52,0
54,0	27,9	74,0	30 000	56 400*	39,3	79,5	26 700	55 700	48,1	82,4	23 400	53 200	54,0
56,0	21,0	69,3	28 400	52 700*	34,7	76,8	25 200	53 200	44,3	80,4	22 100	50 800	56,0
58,0					29,4	73,4	23 900	51 000	40,1	78,1	20 900	48 600	58,0
60,0					22,9	69,2	22 700	48 800	35,5	75,4	19 800	46 600	60,0
62,0					13,7	62,7	21 400	46 700	30,4	72,2	18 800	44 700	62,0
64,0									24,2	68,1	17 700	42 900	64,0
66,0									15,8	62,3	16 800	41 200	66,0

Liftcrane Luffing Jib Capacities

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

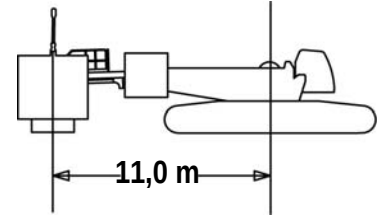
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



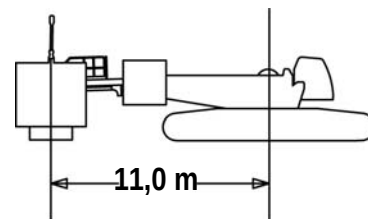
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	68,4	101,0	83 900	98 400*					27,4
28,0	67,7	100,7	81 900	97 600*					28,0
30,0	65,1	99,8	75 100	94 000*					30,0
32,0	62,4	98,8	69 300	89 100*	66,2	99,7	65 400	95 300*	32,0
34,0	59,6	97,6	64 200	84 000*	63,5	98,7	60 600	95 300*	34,0
36,0	56,8	96,3	59 700	78 800*	60,8	97,7	56 400	93 200*	36,0
38,0	53,9	94,9	55 800	73 600*	58,0	96,4	52 600	86 300*	38,0
40,0	50,8	93,3	52 200	68 700*	55,1	95,1	49 200	79 100*	40,0
42,0	47,6	91,5	49 000	63 900*	52,1	93,5	46 200	73 100*	42,0
44,0	44,2	89,5	46 100	59 500*	48,9	91,8	43 400	67 700*	44,0
46,0	40,6	87,3	43 500	55 400*	45,6	89,9	40 900	63 000*	46,0
48,0	36,7	84,7	41 100	51 700*	42,1	87,8	38 700	58 700*	48,0
50,0	32,4	81,7	38 900	48 300*	38,4	85,3	36 500	54 900*	50,0
52,0	27,5	78,1	36 800	45 400*	34,2	82,5	34 600	51 500*	52,0
54,0	21,5	73,5	34 800	42 900*	29,6	79,2	32 800	48 400*	54,0
56,0	13,1	66,7	33 000	38 800*	24,1	75,1	31 100	45 500*	56,0
58,0					17,0	69,5	29 500	42 500*	58,0
60,0									60,0
62,0									62,0
64,0									64,0
66,0									66,0
68,0									68,0
70,0									70,0
72,0									72,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	61,6	96,9	44 300	83 000									40,0
42,0	58,9	95,7	41 500	78 500									42,0
44,0	56,0	94,4	39 000	74 100									44,0
46,0	53,0	92,9	36 700	70 200									46,0
48,0	49,9	91,3	34 600	66 700	56,7	93,2	30 600	63 600					48,0
50,0	46,7	89,4	32 700	63 400	53,8	91,8	28 900	60 500					50,0
52,0	43,3	87,4	30 900	60 300*	50,7	90,2	27 300	57 600					52,0
54,0	39,6	85,0	29 300	56 300*	47,5	88,4	25 800	55 000					54,0
56,0	35,6	82,3	27 800	52 700*	44,1	86,4	24 400	52 500					56,0
58,0	31,1	79,2	26 300	49 500*	40,5	84,1	23 100	50 300	48,1	86,8	20 000	47 800	58,0
60,0	26,0	75,3	25 000	46 600*	36,6	81,5	21 900	48 200	44,8	84,9	18 900	45 900	60,0
62,0	19,5	70,3	23 700	43 800*	32,3	78,5	20 800	46 200	41,2	82,7	17 900	44 000	62,0
64,0	9,3	62,0	22 400	39 700*	27,4	74,9	19 700	44 400	37,4	80,1	16 900	42 200	64,0
66,0					21,3	70,3	18 700	42 600	33,1	77,2	16 000	40 600	66,0
68,0					12,7	63,3	17 600	40 900	28,3	73,7	15 200	39 000	68,0
70,0									22,5	69,3	14 300	37 500	70,0
72,0									14,7	63,0	13 500	36 100	72,0

Liftcrane Luffing Jib Capacities

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

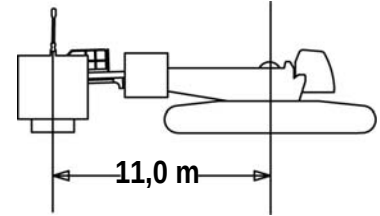
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



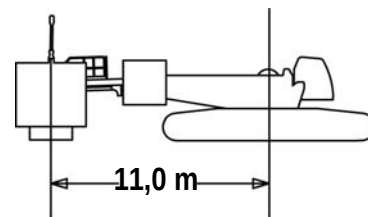
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													40,0
42,0													42,0
44,0	60,2	101,5	38 300	72 100*									44,0
46,0	57,7	100,3	36 000	69 700									46,0
48,0	55,2	98,9	33 900	66 100									48,0
50,0	52,5	97,4	32 100	62 900									50,0
52,0	49,7	95,7	30 300	59 800	55,8	97,8	26 600	57 000					52,0
54,0	46,9	93,9	28 600	56 200*	53,2	96,3	25 100	54 400					54,0
56,0	43,8	91,9	27 100	52 600*	50,5	94,7	23 700	51 900					56,0
58,0	40,6	89,6	25 700	49 400*	47,6	92,9	22 400	49 700					58,0
60,0	37,2	87,1	24 400	46 600*	44,6	90,9	21 300	47 600	50,9	93,1	18 200	45 200	60,0
62,0	33,4	84,1	23 200	43 900*	41,5	88,7	20 200	45 700	48,1	91,3	17 100	43 300	62,0
64,0	29,3	80,7	22 000	41 400*	38,1	86,2	19 100	43 800	45,2	89,4	16 200	41 600	64,0
66,0	24,4	76,6	20 900	39 100*	34,4	83,4	18 100	42 100	42,0	87,2	15 300	40 000	66,0
68,0	18,4	71,3	19 900	36 900*	30,4	80,2	17 200	40 500	38,7	84,8	14 500	38 400	68,0
70,0	8,7	62,4	18 800	33 400*	25,7	76,3	16 300	39 000	35,1	82,1	13 700	37 000	70,0
72,0					20,1	71,3	15 400	37 500	31,1	78,9	13 000	35 600	72,0
74,0					12,0	64,0	14 500	35 400*	26,6	75,1	12 200	34 300	74,0
76,0									21,2	70,4	11 500	33 100	76,0
78,0									13,8	63,7	10 800	31 900	78,0

Liftcrane Luffing Jib Capacities

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

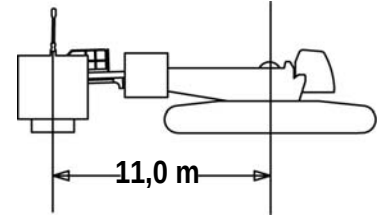
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



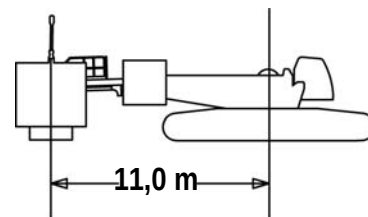
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													42,0
44,0													44,0
46,0	61,3	107,3	35 100	59 600*									46,0
48,0	59,1	106,1	33 100	59 600*									48,0
50,0	56,8	104,8	31 200	59 600*									50,0
52,0	54,5	103,4	29 400	58 700*									52,0
54,0	52,1	101,9	27 800	55 800*									54,0
56,0	49,6	100,2	26 300	52 100*	55,1	102,3	22 800	51 200					56,0
58,0	47,0	98,4	24 900	48 900*	52,7	100,8	21 500	48 900					58,0
60,0	44,3	96,4	23 600	46 100*	50,2	99,1	20 400	46 900					60,0
62,0	41,4	94,2	22 400	43 400*	47,7	97,4	19 300	44 900					62,0
64,0	38,4	91,7	21 300	41 000*	45,0	95,4	18 200	43 100	50,7	97,6	15 200	40 800	64,0
66,0	35,2	89,0	20 200	38 800*	42,2	93,2	17 200	41 400	48,1	95,8	14 400	39 200	66,0
68,0	31,6	85,8	19 200	36 700*	39,2	90,8	16 400	39 800	45,5	93,9	13 600	37 700	68,0
70,0	27,7	82,2	18 200	34 700*	36,0	88,2	15 500	38 300	42,7	91,7	12 800	36 300	70,0
72,0	23,1	77,8	17 300	32 900*	32,6	85,2	14 700	36 900	39,8	89,4	12 100	34 900	72,0
74,0	17,4	72,2	16 400	31 100*	28,7	81,7	13 900	35 400	36,6	86,8	11 400	33 600	74,0
76,0	8,2	62,8	15 500	28 100*	24,3	77,5	13 100	33 500*	33,2	83,8	10 700	32 400	76,0
78,0					19,0	72,3	12 400	31 700*	29,5	80,5	10 100	31 300	78,0
80,0					11,3	64,5	11 600	29 800*	25,2	76,5	9 400	30 200	80,0
82,0									20,0	71,5	8 800	29 100	82,0
84,0									13,0	64,4	8 200	28 100	84,0

Liftcrane Luffing Jib Capacities

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

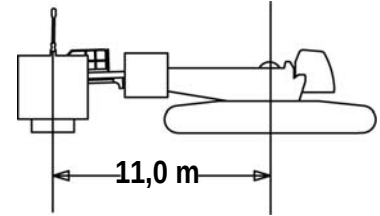
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



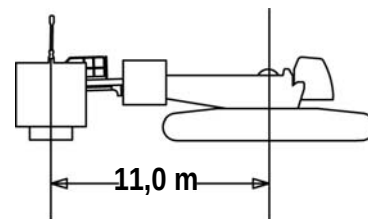
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													44,0
46,0													46,0
48,0	62,2	113,1	32 200	49 800*									48,0
50,0	60,2	111,9	30 300	49 800*									50,0
52,0	58,1	110,7	28 600	49 800*									52,0
54,0	56,1	109,4	26 900	49 800*									54,0
56,0	53,9	107,9	25 400	49 800*									56,0
58,0	51,7	106,4	24 100	48 300*	56,6	108,2	20 600	45 700*					58,0
60,0	49,5	104,7	22 800	45 400*	54,5	106,8	19 400	45 500					60,0
62,0	47,1	102,9	21 600	42 800*	52,3	105,3	18 400	44 300					62,0
64,0	44,7	100,9	20 400	40 400*	50,0	103,6	17 300	42 400					64,0
66,0	42,1	98,7	19 400	38 100*	47,7	101,8	16 400	40 700					66,0
68,0	39,4	96,3	18 400	36 100*	45,3	99,9	15 400	39 100	50,5	102,0	12 600	36 900	68,0
70,0	36,5	93,7	17 400	34 200*	42,8	97,8	14 600	37 600	48,1	100,3	11 900	35 500	70,0
72,0	33,5	90,8	16 500	32 400*	40,1	95,4	13 800	36 200	45,7	98,4	11 100	34 100	72,0
74,0	30,1	87,4	15 700	30 700*	37,3	92,9	13 000	34 700	43,2	96,3	10 500	32 900	74,0
76,0	26,3	83,6	14 900	29 200*	34,3	90,0	12 300	33 000*	40,6	94,0	9 800	31 700	76,0
78,0	22,0	79,0	14 100	27 700*	31,0	86,8	11 600	31 300*	37,8	91,5	9 200	30 500	78,0
80,0	16,5	73,1	13 300	26 300*	27,3	83,1	11 000	29 700*	34,8	88,7	8 600	29 400	80,0
82,0	7,8	63,2	12 500	23 500*	23,2	78,8	10 300	28 200*	31,6	85,6	8 000	28 400	82,0
84,0					18,1	73,2	9 700	26 800*	28,0	82,0	7 500	27 400	84,0
86,0					10,7	65,1	9 000	25 100*	24,0	77,7	6 900	26 500	86,0
88,0									19,1	72,5	6 400	25 600	88,0

Liftcrane Luffing Jib Capacities

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

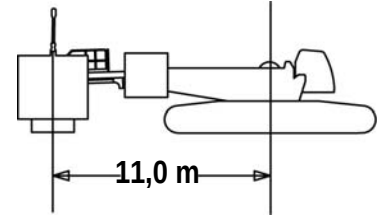
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



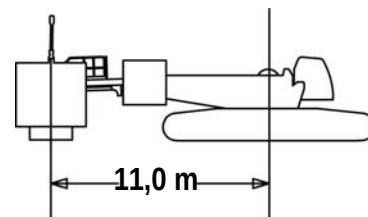
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													48,0
50,0													50,0
52,0	61,1	117,7	27 700	42 000*									52,0
54,0	59,2	116,5	26 100	42 000*									54,0
56,0	57,4	115,2	24 600	42 000*									56,0
58,0	55,4	113,9	23 200	42 000*									58,0
60,0	53,5	112,4	22 000	42 000*									60,0
62,0	51,4	110,8	20 700	41 800*	55,9	112,7	17 400	38 400*					62,0
64,0	49,4	109,2	19 600	39 900*	54,0	111,3	16 400	38 400*					64,0
66,0	47,2	107,3	18 600	37 700*	52,0	109,7	15 500	38 400*					66,0
68,0	45,0	105,4	17 600	35 600*	49,9	108,1	14 600	38 100					68,0
70,0	42,6	103,2	16 600	33 700*	47,8	106,3	13 700	36 900					70,0
72,0	40,2	100,9	15 800	31 900*	45,5	104,4	13 000	35 500	50,3	106,5	10 200	33 400	72,0
74,0	37,6	98,4	14 900	30 300*	43,2	102,3	12 200	34 100	48,1	104,7	9 500	32 100	74,0
76,0	34,9	95,6	14 100	28 700*	40,8	100,0	11 500	32 500*	45,9	102,8	8 900	31 000	76,0
78,0	32,0	92,5	13 400	27 200*	38,3	97,5	10 800	30 800*	43,7	100,8	8 300	29 800	78,0
80,0	28,8	89,0	12 700	25 900*	35,6	94,8	10 200	29 200*	41,3	98,6	7 700	28 800	80,0
82,0	25,2	84,9	11 900	24 600*	32,7	91,8	9 600	27 700*	38,8	96,1	7 200	27 700	82,0
84,0	21,0	80,1	11 300	23 300*	29,6	88,4	9 000	26 400*	36,1	93,4	6 700	26 800	84,0
86,0	15,8	73,9	10 600	22 100*	26,1	84,5	8 400	25 000*	33,3	90,5	6 100	25 800	86,0
88,0	7,4	63,5	9 900	19 600*	22,1	79,9	7 800	23 800*	30,2	87,2	5 700	25 000	88,0
90,0					17,3	74,1	7 300	22 500*	26,8	83,4	5 200	24 100	90,0
92,0					10,2	65,6	6 700	21 100*	22,9	78,9	4 700	23 300	92,0
94,0									18,2	73,4	4 300	22 500	94,0
96,0									11,8	65,6	3 800	21 700	96,0

Liftcrane Luffing Jib Capacities

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

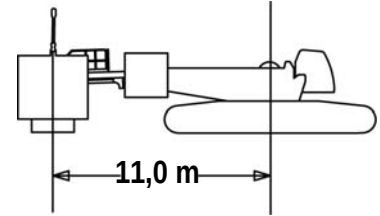
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



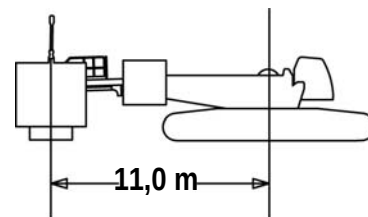
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3													50,3
52,0													52,0
54,0	61,8	123,4	25 300	35 500*									54,0
56,0	60,2	122,3	23 900	35 500*									56,0
58,0	58,4	121,1	22 500	35 500*									58,0
60,0	56,7	119,8	21 200	35 500*									60,0
62,0	54,9	118,4	20 000	35 500*									62,0
64,0	53,1	116,9	18 900	35 500*	57,1	118,6	15 600	32 300*					64,0
66,0	51,2	115,3	17 900	35 500*	55,4	117,3	14 700	32 300*					66,0
68,0	49,3	113,6	16 900	34 800*	53,5	115,8	13 800	32 300*					68,0
70,0	47,3	111,8	16 000	33 000*	51,7	114,2	13 000	32 300*					70,0
72,0	45,2	109,8	15 100	31 200*	49,8	112,6	12 200	32 300*					72,0
74,0	43,1	107,7	14 200	29 600*	47,8	110,8	11 400	32 300*	52,0	112,6	8 700	29 300*	74,0
76,0	40,9	105,5	13 500	28 100*	45,8	108,9	10 800	31 700*	50,1	111,0	8 100	29 300*	76,0
78,0	38,5	103,0	12 700	26 700*	43,6	106,8	10 100	30 100*	48,1	109,2	7 500	29 200	78,0
80,0	36,1	100,3	12 000	25 300*	41,4	104,6	9 400	28 600*	46,1	107,3	7 000	28 100	80,0
82,0	33,5	97,4	11 300	24 100*	39,1	102,2	8 800	27 100*	44,0	105,3	6 400	27 100	82,0
84,0	30,7	94,1	10 700	22 900*	36,7	99,5	8 200	25 800*	41,8	103,1	5 900	26 100	84,0
86,0	27,6	90,5	10 000	21 700*	34,2	96,7	7 700	24 500*	39,6	100,7	5 400	25 200	86,0
88,0	24,1	86,2	9 500	20 700*	31,4	93,5	7 200	23 300*	37,2	98,1	4 900	24 300	88,0
90,0	20,1	81,2	8 900	19 600*	28,4	89,9	6 600	22 100*	34,6	95,3	4 500	23 500	90,0
92,0	15,1	74,7	8 300	18 500*	25,1	85,9	6 200	21 000*	31,9	92,2	4 100	22 700	92,0
94,0	7,1	63,9	7 600	16 200*	21,2	81,1	5 700	20 000*	29,0	88,7	3 600	22 000	94,0
96,0					16,6	75,0	5 200	18 900*	25,7	84,7	3 200	21 200	96,0
98,0									22,0	80,1	2 800	20 300*	98,0
100,0									17,5	74,3	2 400	19 200*	100,0
102,0									11,3	66,2	2 000	18 200*	102,0

Liftcrane Luffing Jib Capacities

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

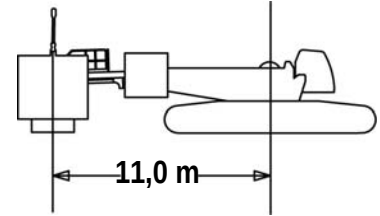
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



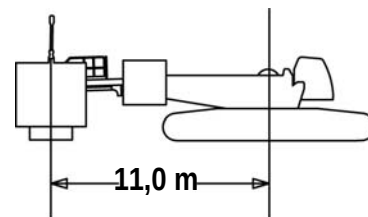
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
56,4	62,2	129,0	22 600	29 900*									56,4
58,0	60,9	128,1	21 600	29 900*									58,0
60,0	59,4	126,9	20 300	29 900*									60,0
62,0	57,7	125,7	19 100	29 900*									62,0
64,0	56,1	124,3	18 000	29 900*									64,0
66,0	54,4	122,9	16 900	29 900*									66,0
68,0	52,7	121,4	16 000	29 900*	56,5	123,2	12 800	27 100*					68,0
70,0	51,0	119,8	15 100	29 800*	54,9	121,8	12 000	27 100*					70,0
72,0	49,2	118,1	14 200	29 800*	53,2	120,3	11 200	27 100*					72,0
74,0	47,3	116,3	13 400	29 000*	51,4	118,7	10 500	27 100*					74,0
76,0	45,4	114,3	12 600	27 400*	49,6	117,0	9 800	27 100*					76,0
78,0	43,5	112,3	11 900	26 000*	47,8	115,2	9 200	27 100*	51,7	117,1	6 500	24 700*	78,0
80,0	41,4	110,0	11 200	24 600*	45,9	113,3	8 500	27 100*	50,0	115,4	6 000	24 700*	80,0
82,0	39,3	107,6	10 500	23 400*	44,0	111,3	7 900	26 400*	48,1	113,7	5 400	24 700*	82,0
84,0	37,1	105,0	9 800	22 200*	42,0	109,1	7 300	25 100*	46,3	111,8	4 900	24 700*	84,0
86,0	34,7	102,2	9 200	21 100*	39,9	106,8	6 800	23 800*	44,3	109,8	4 500	24 400	86,0
88,0	32,2	99,1	8 600	20 000*	37,6	104,2	6 300	22 600*	42,3	107,6	4 000	23 600	88,0
90,0	29,5	95,7	8 100	19 000*	35,3	101,5	5 800	21 400*	40,2	105,3	3 600	22 800	90,0
92,0	26,5	91,9	7 600	18 000*	32,9	98,4	5 300	20 400*	38,0	102,8	3 100	21 900*	92,0
94,0	23,2	87,4	7 000	17 100*	30,2	95,1	4 900	19 300*	35,7	100,1	2 700	21 100*	94,0
96,0	19,4	82,2	6 500	16 200*	27,3	91,4	4 400	18 400*	33,3	97,1	2 300	20 300*	96,0
98,0	14,6	75,4	6 000	15 300*	24,1	87,1	4 000	17 400*	30,7	93,8	1 900	19 500*	98,0
100,0					20,4	82,1	3 500	16 500*	27,9	90,2	1 500	18 700*	100,0
102,0					15,9	75,8	3 100	15 600*	24,7	86,1	1 200	17 700*	102,0
104,0									21,1	81,2	800	16 700*	104,0
106,0									16,8	75,2		15 900*	106,0
108,0									10,9	66,7		15 000*	108,0

Liftcrane Luffing Jib Capacities

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

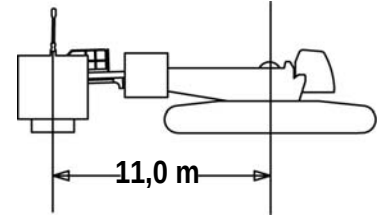
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



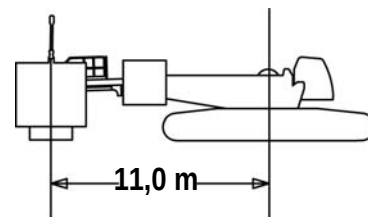
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	67,2	84,4	125 700	148 900*c					19,8
20,0	66,7	84,3	124 400	148 100*c					20,0
22,0	61,3	83,2	110 800	138 400*b					22,0
24,0	55,6	81,9	99 800	126 100*b	64,4	83,4	94 500	143 700*b	24,0
26,0	49,4	80,3	90 500	115 300*	58,9	82,2	85 700	135 200*b	26,0
28,0	42,6	78,2	82 800	107 000*	53,0	80,7	78 300	127 100*b	28,0
30,0	34,6	75,6	76 000	100 900*	46,5	78,9	72 000	119 600*	30,0
32,0	24,3	71,7	70 100	96 800*	39,3	76,6	66 500	112 000*	32,0
34,0					30,5	73,6	61 600	104 600*	34,0
36,0					17,9	68,7	57 100	91 700*	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													26,0
28,0													28,0
30,0													30,0
32,0	56,4	80,4	60 100	107 500*b									32,0
34,0	50,3	78,8	55 700	100 600*									34,0
36,0	43,5	76,8	51 800	94 500*									36,0
38,0	35,7	74,2	48 300	89 100*	53,4	78,0	43 200	85 400*b					38,0
40,0	25,8	70,6	45 200	84 100	47,0	76,2	40 400	80 500					40,0
42,0					39,8	73,9	37 900	75 800					42,0
44,0					31,2	70,9	35 500	71 700					44,0
46,0									43,0	72,9	29 400	64 800	46,0
48,0									35,1	70,2	27 700	61 500	48,0
50,0									24,9	66,5	26 000	58 400	50,0

Liftcrane Luffing Jib Capacities

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

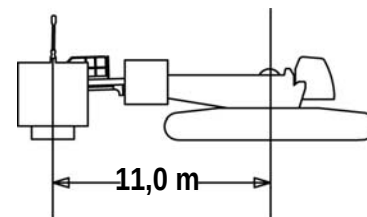
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	68,9	90,3	114 800	134 500*b					21,3
22,0	67,5	90,0	110 800	132 100*b					22,0
24,0	63,3	89,0	99 600	125 000*b					24,0
26,0	58,8	87,8	90 400	114 900*	65,7	89,1	85 300	129 100*b	26,0
28,0	54,2	86,4	82 600	105 400*	61,3	88,0	78 000	122 300*b	28,0
30,0	49,2	84,8	76 000	97 900*	56,8	86,7	71 600	115 900*	30,0
32,0	43,8	82,8	70 200	91 900*	52,0	85,2	66 200	109 700*	32,0
34,0	37,8	80,3	65 100	86 900*	46,9	83,4	61 400	103 900*	34,0
36,0	30,7	77,2	60 600	81 300*	41,2	81,2	57 200	97 700*	36,0
38,0	21,5	72,8	56 500	76 100*	34,8	78,5	53 400	89 300*	38,0
40,0					27,0	75,0	49 900	81 500*	40,0
42,0					15,8	69,5	46 700	71 800*	42,0
44,0									44,0
46,0									46,0
48,0									48,0
50,0									50,0
52,0									52,0
54,0									54,0
56,0									56,0

Liftcrane Luffing Jib Capacities

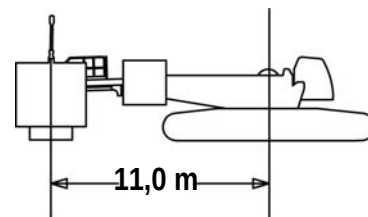
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 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	
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	59,4	86,3	55 200	100 100*									34,0
36,0	54,8	84,9	51 400	94 000*									36,0
38,0	49,8	83,3	48 000	88 600*									38,0
40,0	44,5	81,3	44 900	83 700									40,0
42,0	38,6	78,9	42 100	79 100	52,4	82,4	37 400	75 400					42,0
44,0	31,7	75,9	39 600	74 700	47,3	80,7	35 100	71 300					44,0
46,0	22,9	71,8	37 200	70 800	41,7	78,5	33 000	67 500					46,0
48,0					35,3	75,9	31 100	64 100	49,5	79,4	27 100	61 000	48,0
50,0					27,6	72,4	29 300	61 000	44,1	77,4	25 500	58 100	50,0
52,0									38,1	75,0	24 100	55 300	52,0
54,0									31,1	71,9	22 700	52 800	54,0
56,0									22,1	67,6	21 400	50 400	56,0

Liftcrane Luffing Jib Capacities

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

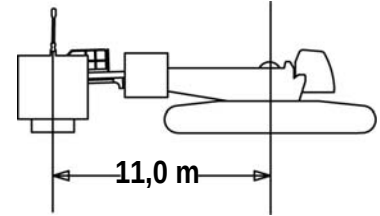
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



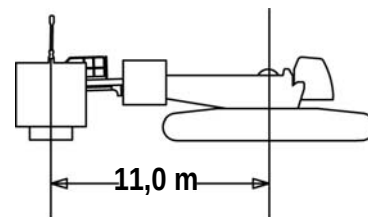
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	70,0	96,1	105 100	121 700*b					22,9
24,0	68,0	95,7	99 200	118 500*b					24,0
26,0	64,5	94,7	89 900	112 700*					26,0
28,0	60,9	93,6	82 100	105 600*	66,5	94,7	77 300	116 400*b	28,0
30,0	57,1	92,4	75 400	97 700*	62,9	93,7	70 900	111 100*	30,0
32,0	53,2	90,9	69 700	90 800*	59,3	92,6	65 500	105 800*	32,0
34,0	49,0	89,2	64 600	84 500*	55,4	91,2	60 700	100 800*	34,0
36,0	44,6	87,3	60 200	78 100*	51,4	89,7	56 500	96 000*	36,0
38,0	39,7	84,9	56 200	72 300*	47,1	87,9	52 800	90 200*	38,0
40,0	34,2	82,2	52 600	67 100*	42,5	85,8	49 500	82 600*	40,0
42,0	27,8	78,7	49 400	62 700*	37,4	83,3	46 400	76 000*	42,0
44,0	19,5	73,8	46 400	59 200*	31,6	80,2	43 700	70 200*	44,0
46,0					24,5	76,3	41 100	65 100*	46,0
48,0					14,3	70,2	38 700	58 000*	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 11,0 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	
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	57,6	90,8	47 100	87 800*									38,0
40,0	53,7	89,4	44 100	83 000									40,0
42,0	49,6	87,7	41 400	78 400									42,0
44,0	45,2	85,8	38 900	74 100									44,0
46,0	40,3	83,5	36 700	70 300	51,7	86,9	32 100	66 800					46,0
48,0	35,0	80,8	34 600	66 700	47,4	85,1	30 300	63 400					48,0
50,0	28,7	77,4	32 600	63 500	42,8	83,1	28 600	60 300					50,0
52,0	20,7	72,8	30 800	60 500	37,8	80,6	27 000	57 500	49,2	83,8	23 100	54 500	52,0
54,0					32,0	77,6	25 500	54 900	44,8	81,9	21 800	52 000	54,0
56,0					25,1	73,7	24 100	52 400	40,0	79,6	20 600	49 700	56,0
58,0									34,5	76,8	19 500	47 600	58,0
60,0									28,2	73,4	18 400	45 600	60,0
62,0									20,0	68,7	17 400	43 700	62,0

Liftcrane Luffing Jib Capacities

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

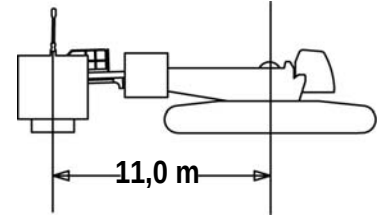
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



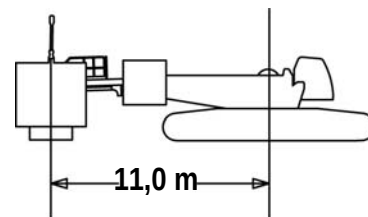
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	68,5	101,4	89 800	102 500*					25,9
26,0	68,4	101,3	89 400	102 300*					26,0
28,0	65,4	100,4	81 600	97 500*					28,0
30,0	62,3	99,4	75 000	92 200*					30,0
32,0	59,2	98,2	69 300	86 600*	64,1	99,5	65 000	101 000*	32,0
34,0	55,9	96,9	64 200	81 000*	61,0	98,4	60 200	96 800*	34,0
36,0	52,5	95,4	59 800	75 400*	57,7	97,2	56 000	92 600*	36,0
38,0	48,9	93,7	55 800	70 200*	54,4	95,7	52 300	88 600*	38,0
40,0	45,1	91,8	52 300	65 300*	50,9	94,2	49 000	83 100*	40,0
42,0	41,0	89,5	49 100	60 800*	47,3	92,4	46 000	76 300*	42,0
44,0	36,6	87,0	46 200	56 600*	43,4	90,3	43 300	70 600*	44,0
46,0	31,6	83,9	43 600	53 000*	39,1	87,9	40 800	65 500*	46,0
48,0	25,6	80,0	41 100	49 900*	34,5	85,2	38 500	61 000*	48,0
50,0	17,9	74,7	38 800	47 400*	29,1	81,8	36 400	56 900*	50,0
52,0					22,6	77,5	34 400	53 200*	52,0
54,0					13,1	70,8	32 500	47 500*	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 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													34,0
36,0													36,0
38,0													38,0
40,0	59,6	96,7	43 500	82 400									40,0
42,0	56,3	95,3	40 700	77 900									42,0
44,0	52,9	93,9	38 300	73 600									44,0
46,0	49,4	92,2	36 100	69 700									46,0
48,0	45,6	90,3	34 000	66 200	54,7	93,0	29 600	62 800					48,0
50,0	41,6	88,1	32 100	63 000	51,2	91,4	27 900	59 700					50,0
52,0	37,2	85,6	30 400	60 100	47,5	89,6	26 300	56 900					52,0
54,0	32,2	82,6	28 800	57 300	43,6	87,6	24 900	54 300					54,0
56,0	26,5	78,8	27 300	54 800	39,4	85,2	23 600	51 900	49,1	88,3	19 900	49 100	56,0
58,0	19,1	73,8	25 800	51 900*	34,8	82,5	22 300	49 700	45,3	86,4	18 900	47 000	58,0
60,0					29,5	79,2	21 200	47 600	41,2	84,2	17 800	45 000	60,0
62,0					23,1	74,9	20 000	45 700	36,8	81,6	16 800	43 200	62,0
64,0					14,0	68,6	18 900	43 800	31,8	78,6	15 900	41 500	64,0
66,0									26,0	74,8	15 000	39 800	66,0
68,0									18,4	69,6	14 200	38 300	68,0

Liftcrane Luffing Jib Capacities

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

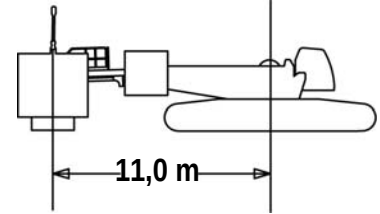
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



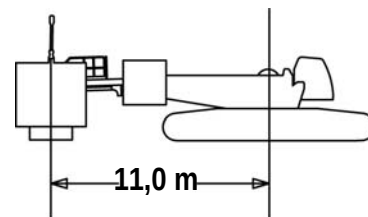
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	67,4	106,6	77 700	86 500*					29,0
30,0	66,1	106,1	74 400	84 600*					30,0
32,0	63,4	105,1	68 600	80 700*	67,5	106,1	64 100	85 400*	32,0
34,0	60,7	104,0	63 500	76 400*	64,9	105,2	59 400	85 400*	34,0
36,0	57,9	102,8	59 100	72 100*	62,2	104,2	55 200	85 400*	36,0
38,0	55,0	101,4	55 200	67 700*	59,4	103,0	51 500	83 700*	38,0
40,0	52,0	99,9	51 700	63 400*	56,6	101,7	48 200	79 700*	40,0
42,0	48,8	98,2	48 500	59 300*	53,7	100,2	45 200	75 500*	42,0
44,0	45,5	96,2	45 600	55 500*	50,6	98,6	42 500	70 700*	44,0
46,0	42,0	94,1	43 000	51 900*	47,4	96,8	40 100	65 600*	46,0
48,0	38,2	91,6	40 600	48 600*	44,0	94,8	37 800	61 100*	48,0
50,0	34,1	88,8	38 400	45 600*	40,4	92,5	35 800	57 100*	50,0
52,0	29,4	85,4	36 400	42 900*	36,4	89,9	33 800	53 400*	52,0
54,0	23,9	81,3	34 400	40 700*	32,1	86,9	32 000	50 100*	54,0
56,0	16,7	75,6	32 600	39 000*	27,1	83,2	30 400	47 100*	56,0
58,0					21,0	78,6	28 800	44 300*	58,0
60,0									60,0
62,0									62,0
64,0									64,0
66,0									66,0
68,0									68,0
70,0									70,0
72,0									72,0
74,0									74,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													38,0
40,0													40,0
42,0	61,0	102,4	39 900	77 100									42,0
44,0	58,2	101,2	37 400	72 800									44,0
46,0	55,3	99,9	35 200	69 000									46,0
48,0	52,3	98,3	33 200	65 500									48,0
50,0	49,2	96,7	31 300	62 300									50,0
52,0	45,9	94,8	29 600	59 400	53,9	97,5	25 400	56 100					52,0
54,0	42,5	92,7	28 000	56 600	50,8	95,9	24 000	53 600					54,0
56,0	38,7	90,2	26 500	54 200	47,6	94,1	22 700	51 200					56,0
58,0	34,6	87,5	25 200	51 800	44,2	92,1	21 400	49 000	52,1	94,5	17 800	46 200	58,0
60,0	30,0	84,2	23 900	49 000*	40,6	89,8	20 300	46 900	49,0	92,8	16 800	44 200	60,0
62,0	24,7	80,2	22 600	46 000*	36,7	87,2	19 300	45 000	45,7	90,9	15 900	42 400	62,0
64,0	17,8	74,7	21 500	43 300*	32,4	84,2	18 200	43 200	42,2	88,7	15 000	40 700	64,0
66,0					27,5	80,6	17 300	41 500	38,4	86,3	14 200	39 100	66,0
68,0					21,5	76,1	16 300	39 900	34,3	83,5	13 400	37 600	68,0
70,0					13,0	69,2	15 400	38 400	29,7	80,2	12 600	36 200	70,0
72,0									24,2	76,1	11 900	34 900	72,0
74,0									17,1	70,5	11 200	33 600	74,0

Liftcrane Luffing Jib Capacities

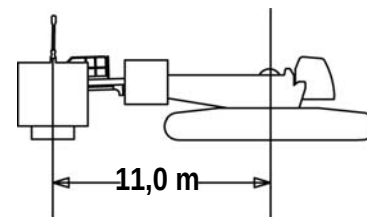
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



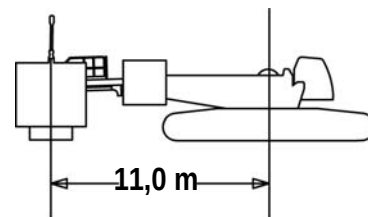
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													40,0
42,0													42,0
44,0													44,0
46,0	59,7	107,1	34 500	66 300									46,0
48,0	57,2	105,8	32 500	65 200									48,0
50,0	54,6	104,4	30 600	61 700									50,0
52,0	51,9	102,8	28 900	58 800									52,0
54,0	49,1	101,1	27 300	56 100	55,9	103,4	23 200	52 900					54,0
56,0	46,2	99,3	25 900	53 600	53,3	102,0	21 900	50 600					56,0
58,0	43,1	97,2	24 500	51 300	50,5	100,3	20 700	48 300					58,0
60,0	39,9	94,8	23 300	48 800*	47,7	98,6	19 600	46 300					60,0
62,0	36,4	92,2	22 100	45 900*	44,7	96,6	18 600	44 400					62,0
64,0	32,5	89,2	21 000	43 300*	41,5	94,4	17 600	42 600	48,9	97,2	14 200	40 100	64,0
66,0	28,2	85,7	19 900	40 900*	38,2	91,9	16 700	41 000	46,0	95,4	13 400	38 500	66,0
68,0	23,2	81,4	18 900	38 600*	34,5	89,1	15 700	39 400	42,9	93,3	12 600	37 000	68,0
70,0	16,7	75,6	17 900	36 400*	30,5	85,9	14 900	37 900	39,6	90,9	11 900	35 600	70,0
72,0					25,9	82,0	14 100	36 500	36,1	88,3	11 200	34 300	72,0
74,0					20,2	77,1	13 300	35 200	32,2	85,2	10 600	33 000	74,0
76,0					12,2	69,8	12 500	33 900	27,9	81,6	9 900	31 900	76,0
78,0									22,8	77,2	9 300	30 700	78,0
80,0									16,1	71,3	8 700	29 600	80,0

Liftcrane Luffing Jib Capacities

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

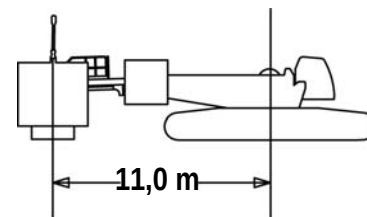
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



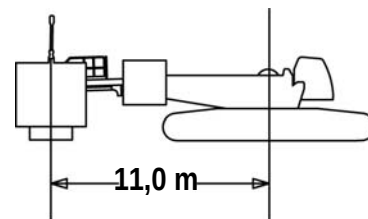
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													44,0
46,0													46,0
48,0	60,8	112,8	31 600	55 300*									48,0
50,0	58,6	111,6	29 700	55 300*									50,0
52,0	56,3	110,3	28 000	55 300*									52,0
54,0	53,9	108,9	26 500	54 900									54,0
56,0	51,5	107,3	25 000	53 000									56,0
58,0	49,0	105,6	23 700	50 600	55,1	107,9	19 800	47 600					58,0
60,0	46,4	103,7	22 400	48 400	52,8	106,5	18 600	45 500					60,0
62,0	43,7	101,7	21 300	45 700*	50,3	104,8	17 600	43 700					62,0
64,0	40,8	99,4	20 100	43 100*	47,7	103,0	16 600	41 900					64,0
66,0	37,7	96,9	19 100	40 600*	45,1	101,1	15 800	40 200	51,3	103,4	12 400	37 700	66,0
68,0	34,4	94,1	18 100	38 400*	42,3	98,9	14 900	38 700	48,8	101,7	11 700	36 200	68,0
70,0	30,8	90,9	17 200	36 400*	39,3	96,6	14 100	37 200	46,2	99,8	11 000	34 900	70,0
72,0	26,7	87,1	16 300	34 400*	36,1	93,9	13 300	35 800	43,5	97,8	10 300	33 600	72,0
74,0	21,9	82,5	15 500	32 600*	32,7	90,9	12 500	34 500	40,6	95,5	9 700	32 300	74,0
76,0	15,8	76,4	14 600	30 900*	28,8	87,4	11 900	33 300	37,5	93,0	9 000	31 100	76,0
78,0					24,5	83,3	11 200	32 100	34,1	90,1	8 400	30 000	78,0
80,0					19,1	78,1	10 500	31 000	30,5	86,8	7 900	29 000	80,0
82,0					11,6	70,4	9 800	29 900	26,4	83,0	7 300	28 000	82,0
84,0									21,5	78,4	6 800	27 000	84,0
86,0									15,2	72,1	6 300	26 000	86,0

Liftcrane Luffing Jib Capacities

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

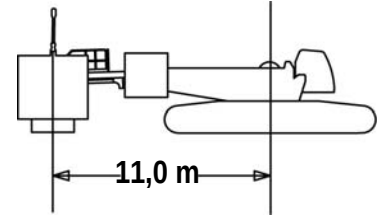
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



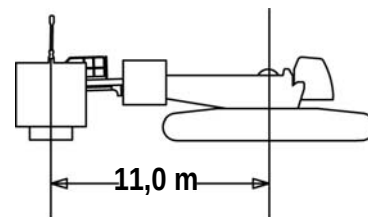
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2													44,2
46,0													46,0
48,0													48,0
50,0	61,7	118,6	28 800	46 400*									50,0
52,0	59,7	117,4	27 100	46 400*									52,0
54,0	57,7	116,2	25 600	46 400*									54,0
56,0	55,6	114,8	24 100	46 400*									56,0
58,0	53,4	113,4	22 800	46 400*									58,0
60,0	51,2	111,8	21 600	46 300*	56,7	113,9	17 700	42 500*					60,0
62,0	48,9	110,1	20 400	45 000*	54,5	112,5	16 700	42 500					62,0
64,0	46,6	108,2	19 300	42 200*	52,3	110,9	15 700	41 100					64,0
66,0	44,1	106,2	18 300	39 800*	50,1	109,3	14 800	39 500					66,0
68,0	41,5	104,0	17 300	37 700*	47,8	107,5	13 900	37 900					68,0
70,0	38,8	101,6	16 400	35 700*	45,4	105,6	13 100	36 500	51,1	107,9	10 000	34 000	70,0
72,0	35,9	98,9	15 500	33 800*	42,8	103,5	12 400	35 100	48,8	106,2	9 300	32 700	72,0
74,0	32,7	95,9	14 700	32 000*	40,2	101,2	11 700	33 800	46,4	104,3	8 700	31 500	74,0
76,0	29,3	92,4	13 900	30 400*	37,4	98,6	11 000	32 600	43,9	102,3	8 100	30 400	76,0
78,0	25,4	88,5	13 200	28 900*	34,3	95,7	10 300	31 400	41,3	100,1	7 500	29 300	78,0
80,0	20,9	83,6	12 400	27 400*	31,1	92,6	9 700	30 300	38,6	97,6	7 000	28 200	80,0
82,0	15,0	77,2	11 700	26 000*	27,4	88,9	9 100	29 200	35,6	94,9	6 500	27 200	82,0
84,0					23,3	84,5	8 500	28 200	32,5	91,9	6 000	26 300	84,0
86,0					18,2	79,1	7 900	26 800*	29,0	88,4	5 500	25 400	86,0
88,0					11,0	71,0	7 400	25 400*	25,1	84,4	5 000	24 500	88,0
90,0									20,5	79,4	4 600	23 700	90,0
92,0									14,5	72,8	4 100	22 800	92,0

Liftcrane Luffing Jib Capacities

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

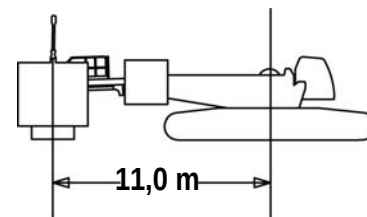
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



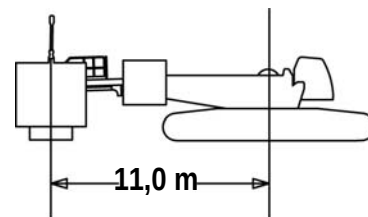
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3													50,3
52,0	62,5	124,3	26 200	39 500*									52,0
54,0	60,7	123,2	24 700	39 500*									54,0
56,0	58,8	122,0	23 200	39 500*									56,0
58,0	56,9	120,7	21 900	39 500*									58,0
60,0	55,0	119,4	20 700	39 500*									60,0
62,0	53,0	117,9	19 500	39 500*									62,0
64,0	51,0	116,3	18 500	39 500*	56,0	118,4	14 800	36 000*					64,0
66,0	48,9	114,6	17 400	39 100*	54,0	117,0	13 900	36 000*					66,0
68,0	46,7	112,7	16 500	37 300*	52,0	115,4	13 000	36 000*					68,0
70,0	44,5	110,7	15 600	35 200*	49,9	113,8	12 200	35 700					70,0
72,0	42,1	108,5	14 700	33 300*	47,8	112,0	11 500	34 400					72,0
74,0	39,6	106,2	13 900	31 600*	45,6	110,1	10 800	33 100	50,8	112,4	7 700	30 700	74,0
76,0	37,0	103,6	13 200	29 900*	43,3	108,0	10 100	31 900	48,7	110,7	7 100	29 600	76,0
78,0	34,3	100,7	12 400	28 400*	40,9	105,7	9 500	30 700	46,5	108,8	6 600	28 500	78,0
80,0	31,3	97,5	11 700	26 900*	38,4	103,2	8 900	29 600	44,3	106,8	6 100	27 500	80,0
82,0	28,0	93,9	11 100	25 600*	35,7	100,5	8 300	28 600	41,9	104,6	5 600	26 500	82,0
84,0	24,3	89,7	10 400	24 300*	32,8	97,5	7 700	27 600	39,4	102,2	5 100	25 500	84,0
86,0	19,9	84,7	9 800	23 100*	29,7	94,1	7 200	26 400*	36,8	99,6	4 600	24 700	86,0
88,0	14,4	77,9	9 200	21 800*	26,2	90,3	6 700	25 100*	34,0	96,7	4 200	23 800	88,0
90,0					22,2	85,7	6 200	23 800*	31,0	93,5	3 700	23 000	90,0
92,0					17,4	79,9	5 700	22 600*	27,7	89,9	3 300	22 200	92,0
94,0					10,5	71,5	5 200	21 400*	24,0	85,6	2 900	21 500	94,0
96,0									19,6	80,5	2 500	20 700*	96,0
98,0									13,8	73,5	2 100	19 900*	98,0

Liftcrane Luffing Jib Capacities

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

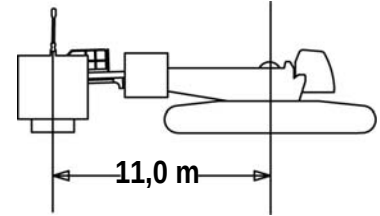
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



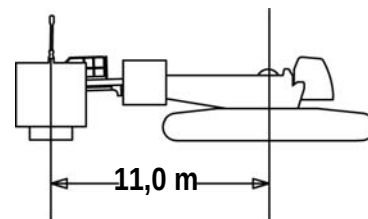
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
56,4	61,1	128,8	22 200	33 500*									56,4
58,0	59,8	127,8	21 200	33 500*									58,0
60,0	58,0	126,6	19 900	33 500*									60,0
62,0	56,3	125,3	18 800	33 500*									62,0
64,0	54,5	123,9	17 700	33 500*									64,0
66,0	52,7	122,4	16 700	33 500*	57,2	124,3	13 100	30 300*					66,0
68,0	50,8	120,7	15 800	33 500*	55,4	122,9	12 300	30 300*					68,0
70,0	48,8	119,0	14 900	33 500*	53,6	121,5	11 500	30 300*					70,0
72,0	46,8	117,2	14 000	32 700*	51,7	119,9	10 700	30 300*					72,0
74,0	44,8	115,2	13 200	30 900*	49,8	118,2	10 000	30 300*					74,0
76,0	42,6	113,1	12 500	29 300*	47,8	116,5	9 400	30 300*					76,0
78,0	40,4	110,7	11 700	27 800*	45,8	114,6	8 700	30 200	50,6	116,9	5 800	27 700	78,0
80,0	38,0	108,2	11 000	26 400*	43,7	112,5	8 100	29 000	48,7	115,1	5 300	26 900	80,0
82,0	35,5	105,5	10 400	25 000*	41,5	110,3	7 600	28 000	46,7	113,3	4 800	25 900	82,0
84,0	32,9	102,5	9 800	23 800*	39,2	107,9	7 000	27 000	44,6	111,3	4 300	24 900	84,0
86,0	30,0	99,2	9 200	22 600*	36,8	105,2	6 500	25 800*	42,4	109,1	3 800	24 000	86,0
88,0	26,9	95,4	8 600	21 500*	34,2	102,4	6 000	24 500*	40,2	106,8	3 400	23 200	88,0
90,0	23,3	91,0	8 000	20 400*	31,5	99,2	5 500	23 300*	37,8	104,3	3 000	22 300*	90,0
92,0	19,1	85,7	7 500	19 300*	28,5	95,7	5 000	22 100*	35,3	101,5	2 600	21 500*	92,0
94,0	13,8	78,6	7 000	18 300*	25,2	91,6	4 600	21 100*	32,7	98,5	2 200	20 700*	94,0
96,0		63,8	6 300	15 400*	21,3	86,8	4 100	20 000*	29,8	95,1	1 900	19 900*	96,0
98,0					16,7	80,8	3 700	18 900*	26,6	91,3	1 400	19 100*	98,0
100,0					10,0	72,0	3 300	17 900*	23,0	86,8	1 100	18 400*	100,0
102,0									18,8	81,4	800	17 700*	102,0
104,0									13,3	74,2		17 000*	104,0

Liftcrane Luffing Jib Capacities

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

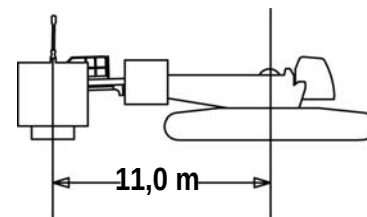
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



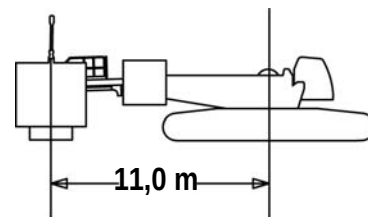
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
61,0	59,8	133,1	18 400	28 300*									61,0
62,0	59,0	132,4	17 900	28 300*									62,0
64,0	57,4	131,2	16 800	28 300*									64,0
66,0	55,7	129,8	15 800	28 300*									66,0
68,0	54,1	128,4	14 800	28 300*									68,0
70,0	52,3	126,8	14 000	28 300*	56,6	128,8	10 500	25 600*					70,0
72,0	50,6	125,2	13 100	28 300*	54,9	127,4	9 800	25 600*					72,0
74,0	48,8	123,5	12 300	28 300*	53,2	126,0	9 100	25 600*					74,0
76,0	46,9	121,7	11 600	28 300*	51,5	124,4	8 400	25 600*					76,0
78,0	45,0	119,7	10 900	27 100*	49,7	122,7	7 800	25 600*					78,0
80,0	43,0	117,6	10 200	25 700*	47,9	120,9	7 200	25 600*	52,2	123,0	4 300	23 200*	80,0
82,0	41,0	115,3	9 600	24 400*	46,0	119,0	6 600	25 600*	50,4	121,3	3 800	23 200*	82,0
84,0	38,8	112,9	8 900	23 100*	44,0	117,0	6 100	25 600*	48,6	119,6	3 300	23 200*	84,0
86,0	36,6	110,2	8 300	21 900*	42,0	114,8	5 600	25 200*	46,8	117,7	2 800	22 900*	86,0
88,0	34,2	107,3	7 800	20 800*	39,9	112,5	5 100	23 800*	44,9	115,8	2 400	22 100*	88,0
90,0	31,6	104,2	7 200	19 800*	37,7	109,9	4 600	22 600*	42,9	113,7	2 000	21 300*	90,0
92,0	28,9	100,7	6 700	18 800*	35,4	107,2	4 100	21 500*	40,8	111,4	1 700	20 400*	92,0
94,0	25,8	96,7	6 200	17 800*	32,9	104,2	3 700	20 400*	38,6	108,9	1 300	19 600*	94,0
96,0	22,4	92,2	5 700	16 900*	30,3	100,8	3 300	19 400*	36,4	106,3	900	18 900*	96,0
98,0	18,4	86,6	5 200	16 000*	27,4	97,1	2 900	18 400*	34,0	103,4		18 200*	98,0
100,0	13,2	79,3	4 800	15 100*	24,2	92,9	2 500	17 400*	31,4	100,2		17 400*	100,0
102,0					20,5	87,9	2 100	16 500*	28,6	96,7		16 800*	102,0
104,0					16,1	81,6	1 700	15 600*	25,6	92,7		16 100*	104,0
106,0					9,7	72,5	1 300	14 800*	22,1	88,0		15 500*	106,0
108,0									18,1	82,4		14 800*	108,0
110,0									12,8	74,9		14 200*	110,0

Liftcrane Luffing Jib Capacities

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

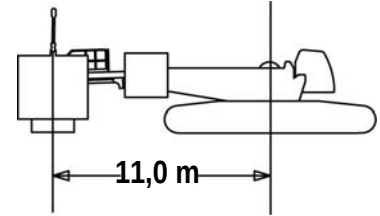
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



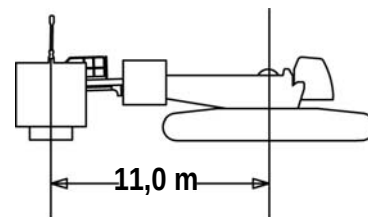
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	65,1	90,0	114 200	129 100*b					21,3
22,0	63,3	89,6	110 200	127 500*b					22,0
24,0	57,8	88,4	99 100	121 200*b					24,0
26,0	51,8	86,9	89 900	111 500*	61,8	88,7	84 400	127 300*b	26,0
28,0	45,2	85,0	82 200	103 500*	56,1	87,4	77 100	119 100*b	28,0
30,0	37,7	82,6	75 500	97 400*	50,0	85,8	70 900	111 000*	30,0
32,0	28,5	79,3	69 600	91 000*	43,2	83,8	65 500	102 900*	32,0
34,0					35,3	81,2	60 600	94 900*	34,0
36,0					25,3	77,5	56 300	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 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													28,0
30,0													30,0
32,0	60,8	87,2	58 200	105 900*b									32,0
34,0	55,1	85,8	54 000	99 200*b									34,0
36,0	48,8	84,2	50 300	93 200*									36,0
38,0	41,9	82,1	46 900	87 800*									38,0
40,0	33,7	79,3	43 800	82 900	53,6	83,7	38 400	78 900b					40,0
42,0	23,0	75,3	41 000	78 300	47,2	81,9	36 000	74 300					42,0
44,0					40,0	79,6	33 800	70 300					44,0
46,0					31,4	76,7	31 700	66 500	51,5	80,8	27 200	63 000b	46,0
48,0					19,5	72,1	29 700	63 100	44,9	78,9	25 500	59 900	48,0
50,0									37,3	76,4	24 000	56 900	50,0
52,0									28,0	73,1	22 600	54 200	52,0

Liftcrane Luffing Jib Capacities

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

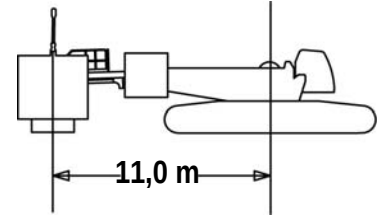
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



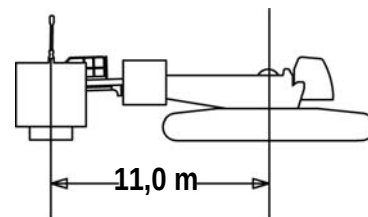
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	64,0	95,1	97 000	112 100*b					24,4
26,0	60,5	94,2	89 700	108 700*b					26,0
28,0	55,9	92,9	82 000	101 300*	63,6	94,5	76 800	113 000*b	28,0
30,0	51,1	91,4	75 400	94 000*	59,2	93,3	70 500	107 300*	30,0
32,0	45,8	89,5	69 600	87 100*	54,6	91,9	65 100	101 200*	32,0
34,0	40,1	87,2	64 600	80 800*	49,6	90,3	60 400	95 200*	34,0
36,0	33,4	84,4	60 100	75 300*	44,3	88,3	56 200	89 300*	36,0
38,0	25,2	80,6	56 100	70 800*	38,3	85,9	52 500	83 500*	38,0
40,0					31,3	82,9	49 100	77 700*	40,0
42,0					22,4	78,7	46 000	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 11,0 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	
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	58,4	91,8	49 700	92 700*									36,0
38,0	53,7	90,3	46 400	87 300*									38,0
40,0	48,7	88,7	43 400	82 500									40,0
42,0	43,2	86,6	40 800	78 000									42,0
44,0	37,1	84,1	38 300	73 700	52,5	88,1	33 200	69 700					44,0
46,0	29,9	80,9	36 000	69 800	47,4	86,4	31 200	66 100					46,0
48,0	20,4	76,3	33 900	66 300	41,8	84,2	29 400	62 800					48,0
50,0					35,5	81,6	27 800	59 700					50,0
52,0					27,9	78,1	26 200	56 900	45,6	83,4	22 100	53 700	52,0
54,0					17,2	72,9	24 700	54 200	39,8	81,1	20 800	51 300	54,0
56,0									33,1	78,2	19 700	49 000	56,0
58,0									24,8	74,4	18 500	46 900	58,0

Liftcrane Luffing Jib Capacities

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

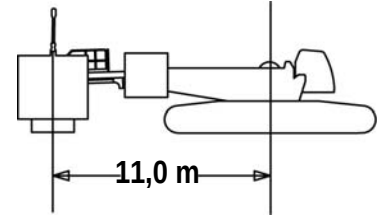
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



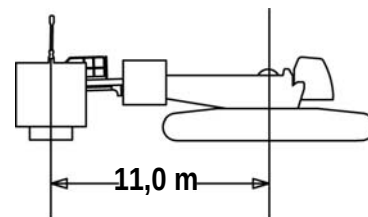
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	66,0	101,1	89 500	100 000*b					25,9
26,0	65,8	101,0	89 200	99 700*b					26,0
28,0	62,2	100,0	81 400	94 300*					28,0
30,0	58,5	98,8	74 800	88 500*	64,8	100,2	69 800	101 000*	30,0
32,0	54,6	97,4	69 100	82 700*	61,2	99,1	64 400	96 700*	32,0
34,0	50,6	95,8	64 100	77 100*	57,4	97,9	59 700	92 100*	34,0
36,0	46,2	94,0	59 600	71 800*	53,5	96,4	55 600	87 400*	36,0
38,0	41,5	91,8	55 700	66 900*	49,4	94,8	51 900	82 900*	38,0
40,0	36,3	89,2	52 200	62 400*	44,9	92,8	48 600	78 400*	40,0
42,0	30,3	86,0	49 000	58 600*	40,1	90,6	45 600	73 900*	42,0
44,0	22,9	81,8	46 000	55 500*	34,7	87,8	42 900	69 300*	44,0
46,0					28,4	84,4	40 400	64 900*	46,0
48,0					20,3	79,7	38 000	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 11,0 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	
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	56,8	96,3	42 600	81 700									40,0
42,0	52,8	94,8	39 900	77 200									42,0
44,0	48,6	93,1	37 500	73 000									44,0
46,0	44,1	91,1	35 400	69 200	55,8	94,1	30 300	65 300					46,0
48,0	39,2	88,8	33 300	65 700	51,8	92,6	28 500	62 000					48,0
50,0	33,7	85,9	31 500	62 500	47,5	90,8	26 900	59 000					50,0
52,0	27,1	82,3	29 700	59 600	42,9	88,8	25 400	56 200					52,0
54,0	18,5	77,3	28 100	56 700	37,9	86,3	24 000	53 700	50,4	89,7	19 900	50 500	54,0
56,0					32,2	83,3	22 700	51 300	46,0	87,9	18 700	48 200	56,0
58,0					25,3	79,5	21 400	49 000	41,3	85,7	17 700	46 200	58,0
60,0					15,6	73,7	20 200	46 900	36,1	83,1	16 700	44 200	60,0
62,0									30,0	79,8	15 700	42 400	62,0
64,0									22,5	75,6	14 800	40 700	64,0

Liftcrane Luffing Jib Capacities

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

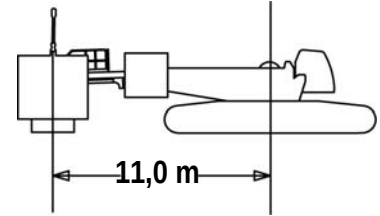
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	62,7	105,5	72 900	81 300*	67,9	106,6	67 800	88 100*	30,5
32,0	60,3	104,6	68 600	77 900*	65,6	105,9	63 800	88 100*	32,0
34,0	57,1	103,4	63 600	73 400*	62,6	104,9	59 100	87 100*	34,0
36,0	53,7	101,9	59 200	68 800*	59,4	103,7	55 000	83 400*	36,0
38,0	50,2	100,3	55 300	64 400*	56,2	102,4	51 300	79 900*	38,0
40,0	46,5	98,5	51 800	60 300*	52,8	100,9	48 100	76 200*	40,0
42,0	42,6	96,3	48 600	56 400*	49,2	99,2	45 100	71 700*	42,0
44,0	38,3	93,9	45 800	52 800*	45,4	97,3	42 400	67 400*	44,0
46,0	33,5	91,0	43 100	49 700*	41,4	95,1	40 000	63 200*	46,0
48,0	27,9	87,5	40 700	46 900*	37,0	92,6	37 700	59 300*	48,0
50,0	21,1	82,9	38 500	44 700*	32,0	89,6	35 700	55 700*	50,0
52,0					26,2	85,8	33 800	52 600*	52,0
54,0					18,7	80,7	31 900	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

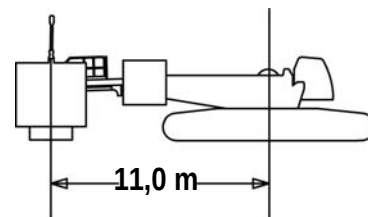
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 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	
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	62,0	103,4	41 900	81 000*									40,0
42,0	58,9	102,2	39 200	76 600									42,0
44,0	55,6	100,8	36 900	72 400									44,0
46,0	52,2	99,3	34 700	68 600									46,0
48,0	48,6	97,6	32 700	65 200									48,0
50,0	44,7	95,6	30 900	62 000	54,7	98,7	26 200	58 300					50,0
52,0	40,6	93,4	29 200	59 100	51,3	97,1	24 700	55 600					52,0
54,0	36,1	90,7	27 700	56 400	47,6	95,3	23 300	53 100					54,0
56,0	31,0	87,6	26 200	53 900	43,7	93,3	22 100	50 700					56,0
58,0	25,0	83,7	24 800	51 600	39,5	90,9	20 900	48 500	50,1	94,2	16 900	45 500	58,0
60,0	17,0	78,2	23 500	49 100	34,9	88,2	19 700	46 500	46,3	92,4	16 000	43 600	60,0
62,0					29,7	84,9	18 700	44 600	42,4	90,2	15 100	41 800	62,0
64,0					23,3	80,7	17 700	42 800	38,0	87,8	14 200	40 200	64,0
66,0					14,3	74,4	16 700	41 100	33,2	84,9	13 400	38 600	66,0
68,0									27,7	81,3	12 600	37 100	68,0
70,0									20,7	76,6	11 900	35 700	70,0

Liftcrane Luffing Jib Capacities

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

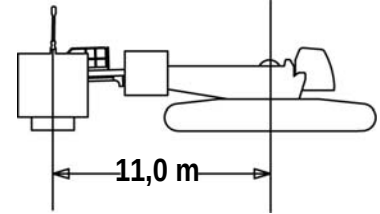
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	58,1	108,8	57 400	64 000*	62,8	110,3	53 100	75 200*	36,6
38,0	56,0	107,9	54 600	61 500*	60,9	109,5	50 500	74 700*	38,0
40,0	53,1	106,4	51 100	57 900*	58,1	108,3	47 300	71 600*	40,0
42,0	50,0	104,8	48 000	54 500*	55,2	106,9	44 300	68 300*	42,0
44,0	46,7	102,9	45 100	51 200*	52,2	105,4	41 700	64 800*	44,0
46,0	43,3	100,9	42 500	48 100*	49,1	103,7	39 200	61 200*	46,0
48,0	39,6	98,5	40 200	45 300*	45,8	101,8	37 000	57 800*	48,0
50,0	35,6	95,8	38 000	42 600*	42,3	99,7	35 000	54 500*	50,0
52,0	31,2	92,7	36 000	40 300*	38,5	97,2	33 100	51 300*	52,0
54,0	26,0	88,9	34 100	38 300*	34,4	94,4	31 400	48 400*	54,0
56,0	19,6	83,9	32 300	36 700*	29,8	91,2	29 700	45 700*	56,0
58,0					24,4	87,1	28 200	43 300*	58,0
60,0					17,4	81,6	26 800	41 200*	60,0
62,0									62,0
64,0									64,0
66,0									66,0
68,0									68,0
70,0									70,0
72,0									72,0
74,0									74,0
76,0									76,0

Liftcrane Luffing Jib Capacities

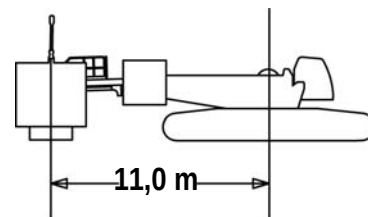
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6													36,6
38,0													38,0
40,0													40,0
42,0													42,0
44,0	60,4	108,0	35 900	70 500*									44,0
46,0	57,6	106,7	33 800	67 900									46,0
48,0	54,7	105,3	31 800	64 400									48,0
50,0	51,7	103,8	30 000	61 300									50,0
52,0	48,5	102,1	28 400	58 300	56,9	104,6	23 600	54 800					52,0
54,0	45,2	100,1	26 800	55 700	53,9	103,2	22 300	52 200					54,0
56,0	41,6	97,9	25 400	53 200	50,9	101,6	21 100	49 900					56,0
58,0	37,8	95,4	24 100	50 900	47,7	99,8	19 900	47 800					58,0
60,0	33,6	92,6	22 800	48 800	44,3	97,8	18 800	45 800					60,0
62,0	28,9	89,2	21 600	46 800	40,7	95,5	17 800	43 900	49,8	98,7	14 000	41 000	62,0
64,0	23,3	84,9	20 500	44 900	36,8	93,0	16 900	42 100	46,6	96,8	13 200	39 400	64,0
66,0	15,8	79,0	19 400	42 600*	32,5	90,0	15 900	40 500	43,1	94,8	12 500	37 800	66,0
68,0					27,6	86,4	15 100	38 900	39,5	92,4	11 700	36 400	68,0
70,0					21,7	81,8	14 200	37 400	35,4	89,7	11 000	35 000	70,0
72,0									31,0	86,5	10 400	33 700	72,0
74,0									25,8	82,7	9 700	32 400	74,0
76,0									19,3	77,6	9 100	31 300	76,0

Liftcrane Luffing Jib Capacities

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

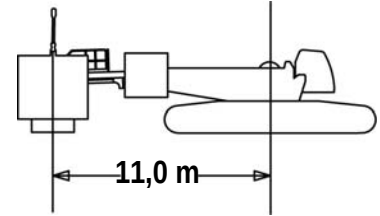
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



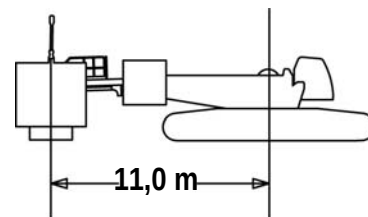
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	67,8	117,7	55 400	64 000*	35,1
36,0	66,8	117,3	53 600	64 000*	36,0
38,0	64,4	116,3	49 900	64 000*	38,0
40,0	62,0	115,3	46 600	64 000*	40,0
42,0	59,6	114,1	43 700	63 400*	42,0
44,0	57,0	112,8	41 000	61 300*	44,0
46,0	54,5	111,4	38 600	58 500*	46,0
48,0	51,8	109,9	36 400	55 700*	48,0
50,0	49,0	108,2	34 400	52 900*	50,0
52,0	46,1	106,3	32 500	50 100*	52,0
54,0	43,0	104,2	30 800	47 400*	54,0
56,0	39,7	101,9	29 200	44 900*	56,0
58,0	36,2	99,2	27 700	42 500*	58,0
60,0	32,4	96,2	26 300	40 200*	60,0
62,0	28,0	92,6	25 000	38 200*	62,0
64,0	22,9	88,3	23 800	36 400*	64,0
66,0	16,4	82,4	22 500	34 700*	66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													42,0
44,0													44,0
46,0	61,6	113,7	33 100	59 700*									46,0
48,0	59,1	112,6	31 100	59 700*									48,0
50,0	56,6	111,3	29 300	59 700*									50,0
52,0	54,0	109,8	27 700	57 800									52,0
54,0	51,3	108,3	26 100	55 100									54,0
56,0	48,5	106,5	24 700	52 700	56,0	109,1	20 300	49 300					56,0
58,0	45,5	104,6	23 400	50 400	53,3	107,7	19 200	47 100					58,0
60,0	42,4	102,5	22 200	48 300	50,6	106,0	18 100	45 100					60,0
62,0	39,1	100,1	21 000	46 300	47,8	104,3	17 100	43 300					62,0
64,0	35,5	97,4	20 000	44 500	44,8	102,3	16 100	41 600	52,4	104,8	12 400	38 700	64,0
66,0	31,6	94,3	18 900	42 600	41,6	100,1	15 300	39 900	49,7	103,2	11 700	37 200	66,0
68,0	27,2	90,6	18 000	40 400*	38,3	97,6	14 400	38 400	46,8	101,3	11 000	35 700	68,0
70,0	21,9	86,1	17 000	38 100*	34,6	94,8	13 600	36 900	43,7	99,3	10 300	34 400	70,0
72,0	14,9	79,7	16 100	35 800*	30,6	91,6	12 900	35 600	40,5	97,0	9 600	33 100	72,0
74,0					26,0	87,8	12 200	34 200	37,1	94,4	9 000	31 900	74,0
76,0					20,4	82,9	11 500	33 000	33,3	91,5	8 400	30 700	76,0
78,0									29,1	88,1	7 900	29 600	78,0
80,0									24,2	84,0	7 300	28 600	80,0
82,0									18,1	78,6	6 800	27 600	82,0

Liftcrane Luffing Jib Capacities

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

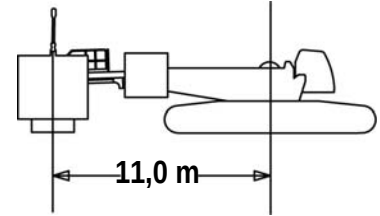
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



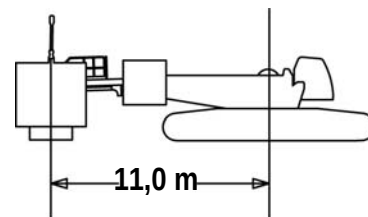
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	67,0	122,9	48 800	54 400*	38,1
40,0	65,0	122,0	45 800	54 400*	40,0
42,0	62,9	121,0	42 800	54 400*	42,0
44,0	60,7	119,9	40 200	54 400*	44,0
46,0	58,5	118,7	37 800	54 200*	46,0
48,0	56,2	117,4	35 600	52 700*	48,0
50,0	53,8	115,9	33 600	50 500*	50,0
52,0	51,4	114,4	31 700	48 300*	52,0
54,0	48,9	112,7	30 000	46 000*	54,0
56,0	46,3	110,8	28 500	43 800*	56,0
58,0	43,5	108,7	27 000	41 700*	58,0
60,0	40,6	106,4	25 600	39 600*	60,0
62,0	37,6	103,9	24 300	37 600*	62,0
64,0	34,3	101,1	23 100	35 700*	64,0
66,0	30,6	97,8	21 900	34 000*	66,0
68,0	26,5	94,1	20 900	32 400*	68,0
70,0	21,7	89,4	19 800	31 000*	70,0
72,0	15,5	83,2	18 800	29 700*	72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0
84,0					84,0
86,0					86,0
88,0					88,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													44,0
46,0													46,0
48,0													48,0
50,0	60,3	118,4	28 400	50 400*									50,0
52,0	58,1	117,1	26 700	50 400*									52,0
54,0	55,8	115,8	25 200	50 400*									54,0
56,0	53,4	114,3	23 800	50 400*									56,0
58,0	51,0	112,7	22 500	49 700	57,5	115,0	18 100	45 600					58,0
60,0	48,4	111,0	21 300	47 500	55,2	113,6	17 100	44 400					60,0
62,0	45,8	109,1	20 200	45 600	52,8	112,1	16 100	42 500					62,0
64,0	43,0	107,0	19 100	43 700	50,4	110,5	15 200	40 700					64,0
66,0	40,1	104,7	18 100	42 000	47,8	108,7	14 300	39 100					66,0
68,0	37,0	102,1	17 200	40 200	45,1	106,8	13 500	37 600					68,0
70,0	33,6	99,2	16 300	38 000*	42,3	104,6	12 700	36 200	49,5	107,6	9 300	33 500	70,0
72,0	29,9	95,9	15 400	35 900*	39,4	102,3	12 000	34 800	46,9	105,8	8 600	32 300	72,0
74,0	25,7	92,0	14 600	34 000*	36,2	99,6	11 300	33 600	44,2	103,8	8 000	31 100	74,0
76,0	20,7	87,1	13 800	32 200*	32,7	96,6	10 600	32 400	41,3	101,6	7 500	30 000	76,0
78,0	14,1	80,4	13 000	30 300*	28,9	93,2	10 000	31 200	38,3	99,1	7 000	28 900	78,0
80,0					24,6	89,1	9 400	30 100	35,1	96,3	6 400	27 800	80,0
82,0					19,3	83,9	8 800	29 000	31,5	93,2	6 000	26 900	82,0
84,0									27,5	89,6	5 500	26 000	84,0
86,0									22,9	85,2	5 000	25 100	86,0
88,0									17,2	79,5	4 500	24 200	88,0

Liftcrane Luffing Jib Capacities

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

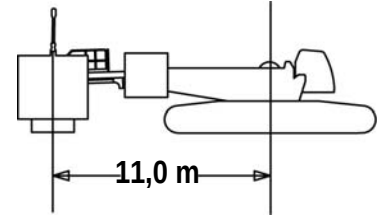
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



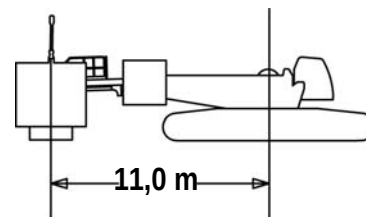
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
42,7	64,9	127,4	41 100	46 400*	42,7
44,0	63,6	126,7	39 400	46 400*	44,0
46,0	61,6	125,7	37 000	46 400*	46,0
48,0	59,6	124,5	34 800	46 400*	48,0
50,0	57,6	123,3	32 800	46 400*	50,0
52,0	55,5	121,9	30 900	45 500*	52,0
54,0	53,3	120,4	29 200	43 700*	54,0
56,0	51,1	118,8	27 600	42 000*	56,0
58,0	48,8	117,1	26 200	40 200*	58,0
60,0	46,5	115,3	24 800	38 500*	60,0
62,0	44,0	113,2	23 500	36 700*	62,0
64,0	41,4	111,0	22 300	35 100*	64,0
66,0	38,6	108,6	21 100	33 500*	66,0
68,0	35,7	105,9	20 100	31 900*	68,0
70,0	32,6	102,8	19 100	30 500*	70,0
72,0	29,1	99,4	18 100	29 100*	72,0
74,0	25,2	95,4	17 200	27 900*	74,0
76,0	20,7	90,5	16 400	26 800*	76,0
78,0	14,7	84,0	15 500	25 600*	78,0
80,0					80,0
82,0					82,0
84,0					84,0
86,0					86,0
88,0					88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7													42,7
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	61,3	124,1	25 800	42 600*									52,0
54,0	59,3	123,0	24 300	42 600*									54,0
56,0	57,2	121,7	22 900	42 600*									56,0
58,0	55,1	120,3	21 600	42 600*									58,0
60,0	53,0	118,8	20 400	42 600*									60,0
62,0	50,7	117,2	19 300	42 600*	56,7	119,6	15 100	39 000*					62,0
64,0	48,4	115,5	18 200	42 600*	54,6	118,2	14 200	39 000*					64,0
66,0	46,0	113,6	17 200	41 300	52,4	116,6	13 400	38 500					66,0
68,0	43,5	111,5	16 300	39 400*	50,2	115,0	12 600	36 800					68,0
70,0	40,9	109,3	15 400	37 200*	47,8	113,2	11 800	35 400					70,0
72,0	38,1	106,8	14 600	35 200*	45,4	111,3	11 100	34 100	51,7	113,8	7 600	31 500	72,0
74,0	35,2	104,0	13 800	33 400*	42,9	109,2	10 400	32 800	49,4	112,1	7 100	30 300	74,0
76,0	32,0	100,9	13 000	31 600*	40,2	106,8	9 800	31 600	47,0	110,3	6 500	29 100	76,0
78,0	28,5	97,4	12 300	30 000*	37,4	104,3	9 100	30 500	44,6	108,3	6 000	28 100	78,0
80,0	24,5	93,3	11 600	28 500*	34,4	101,5	8 500	29 400	42,0	106,1	5 500	27 100	80,0
82,0	19,7	88,2	11 000	27 100*	31,2	98,3	8 000	28 400	39,3	103,7	5 000	26 100	82,0
84,0	13,4	81,1	10 300	25 500*	27,5	94,6	7 400	27 400	36,4	101,1	4 600	25 200	84,0
86,0					23,4	90,3	6 900	26 400	33,4	98,2	4 100	24 300	86,0
88,0					18,4	84,9	6 400	25 500	30,0	94,8	3 700	23 500	88,0
90,0									26,2	91,0	3 300	22 700	90,0
92,0									21,8	86,3	2 900	21 900	92,0
94,0									16,3	80,3	2 500	21 100*	94,0
96,0									7,3	70,2	2 000	20 200*	96,0

Liftcrane Luffing Jib Capacities

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

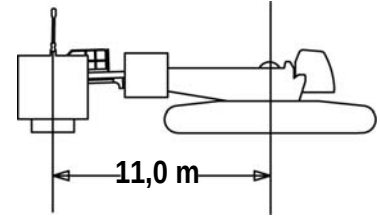
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



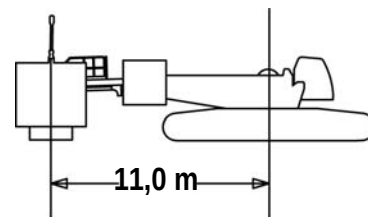
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
47,2	63,1	131,8	34 700	39 900*	47,2
48,0	62,4	131,4	34 000	39 900*	48,0
50,0	60,6	130,3	31 900	39 900*	50,0
52,0	58,7	129,1	30 100	39 900*	52,0
54,0	56,8	127,8	28 400	39 900*	54,0
56,0	54,9	126,4	26 800	39 300*	56,0
58,0	52,9	124,9	25 300	38 000*	58,0
60,0	50,9	123,3	24 000	36 600*	60,0
62,0	48,8	121,6	22 700	35 200*	62,0
64,0	46,6	119,7	21 500	33 800*	64,0
66,0	44,3	117,7	20 400	32 400*	66,0
68,0	42,0	115,6	19 400	31 100*	68,0
70,0	39,5	113,2	18 400	29 800*	70,0
72,0	36,9	110,6	17 400	28 500*	72,0
74,0	34,1	107,7	16 500	27 300*	74,0
76,0	31,1	104,5	15 700	26 200*	76,0
78,0	27,8	100,9	14 900	25 100*	78,0
80,0	24,1	96,7	14 100	24 100*	80,0
82,0	19,7	91,5	13 400	22 900*	82,0
84,0	14,0	84,7	12 600	21 400*	84,0
86,0					86,0
88,0					88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2													47,2
48,0													48,0
50,0													50,0
52,0													52,0
54,0	62,1	129,9	23 400	36 500*									54,0
56,0	60,3	128,8	22 000	36 500*									56,0
58,0	58,4	127,6	20 700	36 500*									58,0
60,0	56,5	126,2	19 500	36 500*									60,0
62,0	54,6	124,8	18 400	36 500*									62,0
64,0	52,6	123,3	17 400	36 500*	57,9	125,4	13 200	33 200*					64,0
66,0	50,5	121,7	16 400	36 500*	56,0	124,1	12 400	33 200*					66,0
68,0	48,4	119,9	15 400	36 500*	54,1	122,7	11 600	33 200*					68,0
70,0	46,2	118,1	14 600	36 500*	52,1	121,1	10 900	33 200*					70,0
72,0	43,9	116,0	13 800	34 800*	50,0	119,5	10 200	33 000					72,0
74,0	41,6	113,8	13 000	32 900*	47,9	117,7	9 500	32 100					74,0
76,0	39,1	111,4	12 300	31 200*	45,7	115,7	8 900	30 900	51,4	118,3	5 500	28 400	76,0
78,0	36,4	108,8	11 600	29 600*	43,4	113,7	8 300	29 800	49,3	116,6	5 000	27 300	78,0
80,0	33,6	105,8	10 900	28 100*	41,0	111,4	7 700	28 700	47,1	114,7	4 500	26 300	80,0
82,0	30,6	102,6	10 200	26 600*	38,4	108,9	7 100	27 700	44,9	112,8	4 100	25 400	82,0
84,0	27,2	98,8	9 600	25 300*	35,8	106,2	6 600	26 700	42,6	110,6	3 600	24 500	84,0
86,0	23,4	94,5	9 000	24 000*	32,9	103,2	6 100	25 800	40,1	108,3	3 200	23 500*	86,0
88,0	18,8	89,1	8 500	22 800*	29,8	99,9	5 600	24 900	37,6	105,8	2 800	22 600*	88,0
90,0	12,8	81,8	7 900	21 500*	26,3	96,0	5 100	24 000	34,8	103,0	2 400	21 800*	90,0
92,0					22,4	91,5	4 700	23 200	31,9	99,9	2 000	21 000*	92,0
94,0					17,5	85,8	4 200	22 500	28,6	96,3	1 700	20 200*	94,0
96,0					10,7	77,4	3 800	21 400	25,0	92,3	1 300	19 400*	96,0
98,0									20,9	87,4	1 000	18 700*	98,0
100,0									15,6	81,1		17 900*	100,0
102,0									7,0	70,5		17 200*	102,0

Liftcrane Luffing Jib Capacities

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

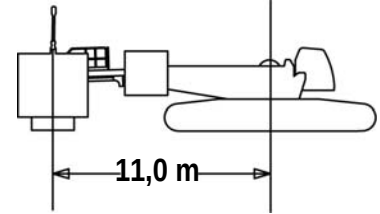
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	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	61,5	136,2	29 500	34 200*	51,8
52,0	61,4	136,1	29 400	34 200*	52,0
54,0	59,7	134,9	27 700	34 200*	54,0
56,0	58,0	133,7	26 100	34 200*	56,0
58,0	56,2	132,4	24 700	34 100*	58,0
60,0	54,4	130,9	23 300	34 000*	60,0
62,0	52,6	129,4	22 000	33 200*	62,0
64,0	50,7	127,8	20 900	32 000*	64,0
66,0	48,7	126,1	19 700	30 900*	66,0
68,0	46,7	124,2	18 700	29 800*	68,0
70,0	44,7	122,2	17 700	28 700*	70,0
72,0	42,5	120,1	16 800	27 600*	72,0
74,0	40,3	117,8	15 900	26 500*	74,0
76,0	37,9	115,2	15 000	25 400*	76,0
78,0	35,4	112,5	14 300	24 500*	78,0
80,0	32,7	109,5	13 500	23 500*	80,0
82,0	29,9	106,1	12 800	22 500*	82,0
84,0	26,7	102,3	12 100	21 300*	84,0
86,0	23,1	97,9	11 400	20 200*	86,0
88,0	18,9	92,5	10 800	19 200*	88,0
90,0	13,5	85,4	10 100	17 800*	90,0
92,0					92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0

Liftcrane Luffing Jib Capacities

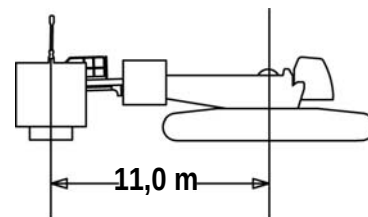
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
51,8													51,8
52,0													52,0
54,0													54,0
56,0													56,0
58,0	61,1	134,5	19 900	31 200*									58,0
60,0	59,4	133,4	18 700	31 200*									60,0
62,0	57,7	132,1	17 600	31 200*									62,0
64,0	55,9	130,8	16 600	31 200*									64,0
66,0	54,1	129,3	15 600	31 200*									66,0
68,0	52,2	127,8	14 700	31 200*									68,0
70,0	50,3	126,2	13 800	31 200*	55,4	128,6	10 100	28 500*					70,0
72,0	48,4	124,4	13 100	31 200*	53,6	127,2	9 300	28 500*					72,0
74,0	46,4	122,5	12 300	31 200*	51,8	125,6	8 700	28 500*					74,0
76,0	44,3	120,5	11 500	30 400*	49,9	123,9	8 100	28 500*					76,0
78,0	42,1	118,3	10 800	28 900*	47,9	122,2	7 500	28 500*					78,0
80,0	39,8	116,0	10 200	27 400*	45,9	120,2	6 900	28 100	51,1	122,8	3 700	25 500*	80,0
82,0	37,5	113,4	9 600	26 000*	43,8	118,2	6 400	27 000	49,2	121,1	3 200	24 500*	82,0
84,0	34,9	110,7	9 000	24 700*	41,6	116,0	5 800	26 100	47,2	119,2	2 800	23 500*	84,0
86,0	32,2	107,6	8 400	23 500*	39,3	113,6	5 400	25 200	45,2	117,3	2 400	22 700*	86,0
88,0	29,3	104,1	7 800	22 300*	36,9	111,0	4 900	24 300	43,0	115,2	2 000	21 800*	88,0
90,0	26,1	100,2	7 300	21 200*	34,3	108,1	4 400	23 500	40,8	112,9	1 600	20 900*	90,0
92,0	22,4	95,7	6 800	20 200*	31,5	104,9	4 000	22 700	38,5	110,4	1 300	20 100*	92,0
94,0	18,1	90,1	6 200	19 100*	28,6	101,4	3 600	21 900	36,0	107,7	900	19 300*	94,0
96,0	12,2	82,4	5 800	18 100*	25,2	97,4	3 200	21 100	33,4	104,8		18 600*	96,0
98,0					21,4	92,6	2 800	20 000*	30,6	101,5		17 900*	98,0
100,0					16,8	86,6	2 400	19 000*	27,5	97,8		17 200*	100,0
102,0					10,3	78,0	1 900	17 900*	24,0	93,6		16 500*	102,0
104,0									20,0	88,5		15 900*	104,0
106,0									15,0	81,9		15 200*	106,0
108,0									6,7	70,8		14 600*	108,0

Liftcrane Luffing Jib Capacities

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

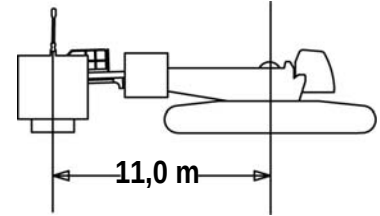
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



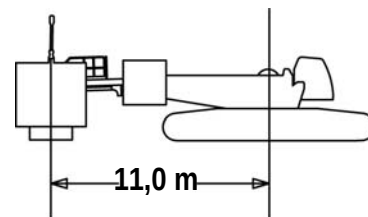
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
56,4	60,2	140,5	24 900	28 700*	56,4
58,0	58,9	139,5	23 800	28 700*	58,0
60,0	57,3	138,2	22 400	28 500*	60,0
62,0	55,7	136,9	21 200	28 500*	62,0
64,0	54,0	135,4	20 000	28 400*	64,0
66,0	52,3	133,9	18 900	28 300*	66,0
68,0	50,5	132,3	17 800	27 900*	68,0
70,0	48,7	130,5	16 900	27 100*	70,0
72,0	46,8	128,7	15 900	26 200*	72,0
74,0	44,9	126,7	15 100	25 300*	74,0
76,0	42,9	124,6	14 200	24 500*	76,0
78,0	40,9	122,3	13 500	23 600*	78,0
80,0	38,7	119,9	12 700	22 800*	80,0
82,0	36,4	117,2	12 000	21 900*	82,0
84,0	34,1	114,3	11 300	20 900*	84,0
86,0	31,5	111,2	10 700	19 800*	86,0
88,0	28,7	107,7	10 000	18 800*	88,0
90,0	25,7	103,7	9 500	17 800*	90,0
92,0	22,3	99,1	8 900	16 800*	92,0
94,0	18,2	93,5	8 300	16 000*	94,0
96,0	13,0	86,0	7 700	14 700*	96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0
110,0					110,0
112,0					112,0
114,0					114,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
56,4													56,4
58,0													58,0
60,0	61,8	140,3	17 800	26 300*									60,0
62,0	60,2	139,1	16 700	26 300*									62,0
64,0	58,6	137,9	15 600	26 300*									64,0
66,0	57,0	136,7	14 700	26 300*									66,0
68,0	55,4	135,3	13 800	26 300*									68,0
70,0	53,7	133,8	12 900	26 300*									70,0
72,0	51,9	132,3	12 100	26 300*	56,6	134,5	8 400	23 900*					72,0
74,0	50,2	130,6	11 300	26 300*	54,9	133,1	7 700	23 900*					74,0
76,0	48,4	128,9	10 600	26 300*	53,3	131,6	7 100	23 900*					76,0
78,0	46,5	127,0	9 900	26 300*	51,5	130,1	6 500	23 900*					78,0
80,0	44,6	125,0	9 300	26 300*	49,7	128,4	5 900	23 900*					80,0
82,0	42,6	122,9	8 700	25 600*	47,9	126,6	5 400	23 900*					82,0
84,0	40,5	120,6	8 100	24 300*	46,0	124,7	4 900	23 900*	50,9	127,2	1 800	21 700*	84,0
86,0	38,3	118,1	7 500	23 100*	44,1	122,7	4 400	23 900*	49,1	125,5	1 400	21 400*	86,0
88,0	36,0	115,4	7 000	21 900*	42,1	120,5	3 900	23 500	47,3	123,7	1 000	20 700*	88,0
90,0	33,6	112,5	6 500	20 800*	40,0	118,2	3 500	22 700	45,4	121,8		19 800*	90,0
92,0	31,0	109,2	5 900	19 700*	37,8	115,6	3 100	21 900*	43,4	119,7		19 100*	92,0
94,0	28,2	105,6	5 500	18 700*	35,4	112,9	2 700	21 100*	41,4	117,4		18 300*	94,0
96,0	25,1	101,6	5 000	17 700*	33,0	109,9	2 300	20 300*	39,2	115,0		17 600*	96,0
98,0	21,6	96,8	4 600	16 800*	30,3	106,6	1 900	19 500*	37,0	112,4		16 800*	98,0
100,0	17,4	91,0	4 100	15 900*	27,5	102,9	1 500	18 600*	34,6	109,6		16 200*	100,0
102,0	11,8	83,0	3 700	15 000*	24,3	98,6	1 100	17 600*	32,1	106,5		15 500*	102,0
104,0					20,6	93,7	800	16 700*	29,4	103,1		14 900*	104,0
106,0					16,2	87,5		15 800*	26,4	99,2		14 300*	106,0
108,0					9,9	78,4		14 900*	23,1	94,8		13 700*	108,0
110,0									19,3	89,5		13 100*	110,0
112,0									14,4	82,6		12 500*	112,0
114,0									6,4	71,1		11 900*	114,0

Liftcrane Luffing Jib Capacities

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

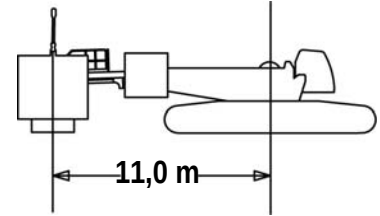
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



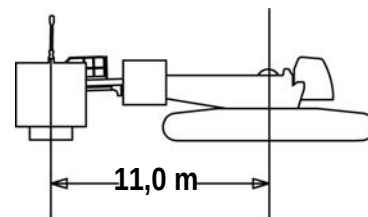
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	63,0	95,5	104 000	116 700*b					22,9
24,0	59,8	94,8	98 200	112 400*b					24,0
26,0	54,0	93,4	89 000	105 000*b	64,6	95,2	82 800	119 400*b	26,0
28,0	47,7	91,7	81 300	97 700*	59,1	94,1	75 600	112 500*b	28,0
30,0	40,6	89,5	74 700	90 900*	53,2	92,6	69 400	105 400*b	30,0
32,0	32,1	86,6	69 000	85 000*	46,8	90,8	64 100	98 300*	32,0
34,0	20,6	82,2	63 800	79 800*	39,6	88,6	59 400	91 200*	34,0
36,0					30,9	85,5	55 200	84 000*	36,0
38,0					18,6	80,8	51 400	76 300*	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 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													32,0
34,0	59,6	92,7	51 800	97 400*b									34,0
36,0	53,7	91,3	48 200	91 500*b									36,0
38,0	47,3	89,5	45 000	86 200*									38,0
40,0	40,2	87,3	42 100	81 500									40,0
42,0	31,7	84,3	39 400	77 000	53,7	89,3	33 500	72 400b					42,0
44,0	19,8	79,8	36 900	72 600	47,4	87,6	31 400	68 400					44,0
46,0					40,2	85,3	29 500	64 900					46,0
48,0					31,7	82,4	27 800	61 600					48,0
50,0					19,9	77,9	26 100	58 500	46,7	84,9	21 500	55 000	50,0
52,0									39,5	82,6	20 200	52 400	52,0
54,0									30,8	79,6	19 000	49 900	54,0
56,0									18,3	74,8	17 800	47 600	56,0

Liftcrane Luffing Jib Capacities

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

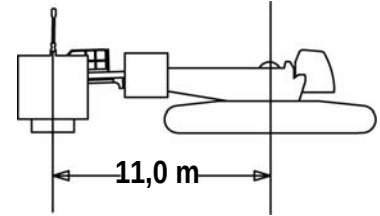
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



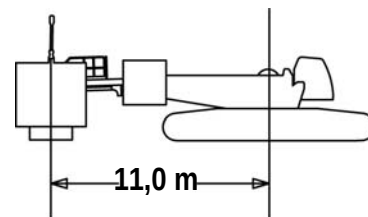
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	58,9	99,8	83 100	92 900*	67,0	101,2	77 000	104 600*b	27,4
28,0	57,6	99,4	81 200	91 200*	65,8	100,9	75 200	104 300*b	28,0
30,0	52,9	97,9	74 500	85 300*	61,5	99,9	69 000	101 400*b	30,0
32,0	47,8	96,2	68 900	79 600*	57,0	98,6	63 700	95 900*	32,0
34,0	42,2	94,1	63 900	74 300*	52,2	97,1	59 100	90 600*	34,0
36,0	36,0	91,5	59 400	69 500*	47,1	95,3	55 000	85 300*	36,0
38,0	28,5	88,1	55 500	65 400*	41,5	93,2	51 400	80 100*	38,0
40,0	18,2	83,1	51 800	62 400*	35,1	90,5	48 100	74 800*	40,0
42,0					27,4	87,0	45 100	69 400*	42,0
44,0					16,4	81,6	42 300	63 600*	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 11,0 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	
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	57,4	97,3	44 400	85 700*									38,0
40,0	52,6	95,8	41 600	80 900*									40,0
42,0	47,5	94,0	39 000	76 500									42,0
44,0	41,9	91,9	36 600	72 400									44,0
46,0	35,6	89,3	34 400	68 600	52,6	93,8	29 000	64 300					46,0
48,0	28,1	85,8	32 500	65 100	47,5	92,1	27 300	61 100					48,0
50,0	17,6	80,7	30 500	61 100	42,0	89,9	25 700	58 100					50,0
52,0					35,7	87,3	24 200	55 400	52,2	91,2	19 500	51 800	52,0
54,0					28,1	83,9	22 900	52 800	47,0	89,4	18 400	49 500	54,0
56,0					17,6	78,8	21 500	50 400	41,4	87,2	17 300	47 300	56,0
58,0									35,0	84,5	16 300	45 200	58,0
60,0									27,3	81,0	15 400	43 300	60,0
62,0									16,2	75,6	14 400	41 400	62,0

Liftcrane Luffing Jib Capacities

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

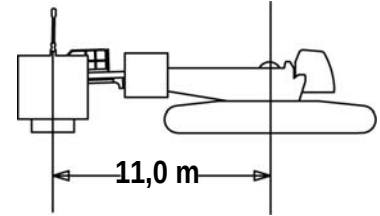
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



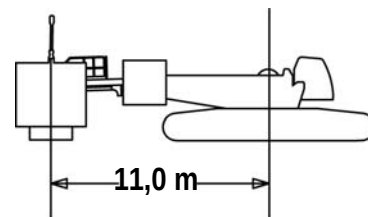
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	49,9	101,5	61 000	68 000*	57,4	103,8	56 200	83 800*	35,1
36,0	47,9	100,6	59 000	65 900*	55,6	103,1	54 300	81 700*	36,0
38,0	43,3	98,6	55 000	61 700*	51,6	101,6	50 700	77 200*	38,0
40,0	38,3	96,2	51 500	57 900*	47,3	99,8	47 400	72 700*	40,0
42,0	32,6	93,2	48 300	54 500*	42,7	97,7	44 500	68 300*	42,0
44,0	25,9	89,5	45 400	51 700*	37,6	95,2	41 900	64 200*	44,0
46,0	16,5	83,9	42 700	49 600*	31,8	92,2	39 400	60 500*	46,0
48,0					24,9	88,3	37 200	57 200*	48,0
50,0					14,9	82,3	35 000	53 500*	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 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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	40 600	80 100*									40,0
42,0	55,9	101,8	38 100	75 800									42,0
44,0	51,9	100,3	35 800	71 600									44,0
46,0	47,6	98,5	33 700	67 800									46,0
48,0	43,1	96,4	31 700	64 500	55,9	99,8	26 300	60 300					48,0
50,0	38,0	94,0	30 000	61 300	51,9	98,3	24 700	57 300					50,0
52,0	32,3	91,0	28 300	58 400	47,6	96,5	23 300	54 600					52,0
54,0	25,5	87,2	26 700	55 600	43,1	94,5	22 000	52 100					54,0
56,0	15,9	81,5	25 200	51 700*	38,0	92,0	20 800	49 800					56,0
58,0					32,3	89,0	19 700	47 700	47,2	93,8	15 300	44 400	58,0
60,0					25,5	85,2	18 600	45 700	42,6	91,7	14 500	42 500	60,0
62,0					15,9	79,6	17 500	43 700	37,5	89,3	13 600	40 800	62,0
64,0									31,7	86,2	12 800	39 100	64,0
66,0									24,7	82,3	12 000	37 600	66,0
68,0									14,7	76,3	11 200	36 100	68,0

Liftcrane Luffing Jib Capacities

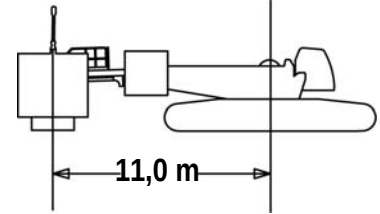
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



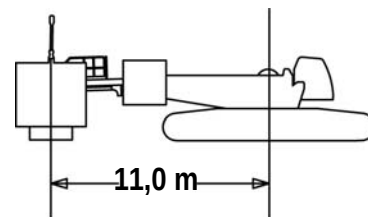
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	67,2	112,3	62 300	77 400*	32,0
34,0	64,2	111,3	57 700	77 400*	34,0
36,0	61,1	110,3	53 700	76 000*	36,0
38,0	57,9	109,0	50 100	72 700*	38,0
40,0	54,6	107,6	46 900	69 200*	40,0
42,0	51,1	106,1	44 000	65 500*	42,0
44,0	47,4	104,3	41 400	61 900*	44,0
46,0	43,5	102,2	39 000	58 300*	46,0
48,0	39,3	99,9	36 800	55 100*	48,0
50,0	34,7	97,1	34 700	52 000*	50,0
52,0	29,4	93,8	32 900	49 100*	52,0
54,0	22,9	89,5	31 100	46 700*	54,0
56,0	13,7	83,0	29 400	45 000*	56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													40,0
42,0	61,3	108,9	37 400	73 400*									42,0
44,0	58,1	107,7	35 100	71 100									44,0
46,0	54,8	106,3	33 000	67 300									46,0
48,0	51,4	104,7	31 100	63 900									48,0
50,0	47,7	103,0	29 300	60 800									50,0
52,0	43,8	100,9	27 700	57 900	54,8	104,3	22 600	54 000					52,0
54,0	39,7	98,6	26 200	55 300	51,4	102,8	21 300	51 500					54,0
56,0	35,0	95,9	24 800	52 800	47,7	101,0	20 100	49 200					56,0
58,0	29,8	92,6	23 500	50 600	43,8	99,0	19 000	47 100					58,0
60,0	23,5	88,4	22 300	48 100*	39,7	96,7	18 000	45 100	51,0	100,1	13 700	41 900	60,0
62,0	14,6	82,2	21 000	44 400*	35,1	93,9	17 000	43 300	47,4	98,3	12 900	40 200	62,0
64,0					29,8	90,6	16 100	41 600	43,5	96,3	12 100	38 600	64,0
66,0					23,5	86,5	15 200	39 900	39,2	93,9	11 400	37 000	66,0
68,0					14,6	80,3	14 200	38 300	34,6	91,2	10 700	35 600	68,0
70,0									29,3	87,8	10 000	34 300	70,0
72,0									22,8	83,5	9 400	33 000	72,0
74,0									13,5	77,0	8 700	31 700	74,0

Liftcrane Luffing Jib Capacities

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

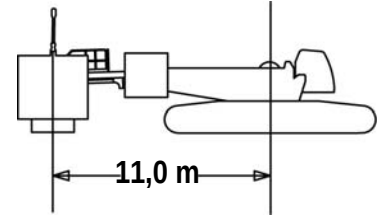
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



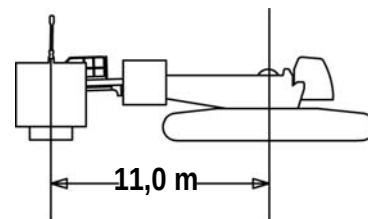
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	66,3	117,5	54 700	66 800*	35,1
36,0	65,0	117,0	52 900	66 800*	36,0
38,0	62,3	116,0	49 200	66 800*	38,0
40,0	59,6	114,9	46 000	64 700*	40,0
42,0	56,7	113,6	43 200	61 900*	42,0
44,0	53,8	112,1	40 600	59 000*	44,0
46,0	50,7	110,5	38 200	56 100*	46,0
48,0	47,5	108,7	36 000	53 200*	48,0
50,0	44,1	106,7	34 000	50 300*	50,0
52,0	40,5	104,5	32 200	47 600*	52,0
54,0	36,6	101,9	30 500	45 100*	54,0
56,0	32,3	98,8	28 900	42 700*	56,0
58,0	27,3	95,2	27 400	40 600*	58,0
60,0	21,3	90,6	26 000	38 800*	60,0
62,0	12,7	83,7	24 600	37 500*	62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													42,0
44,0													44,0
46,0	59,8	113,5	32 000	62 900*									46,0
48,0	56,9	112,2	30 200	62 400									48,0
50,0	54,0	110,8	28 400	60 100									50,0
52,0	51,0	109,2	26 800	57 200									52,0
54,0	47,8	107,4	25 300	54 500	57,0	110,2	20 300	50 700					54,0
56,0	44,4	105,4	24 000	52 100	54,0	108,8	19 100	48 400					56,0
58,0	40,8	103,2	22 700	49 900	51,0	107,2	18 000	46 300					58,0
60,0	36,9	100,6	21 500	47 800	47,8	105,5	17 000	44 400					60,0
62,0	32,6	97,7	20 400	45 900	44,4	103,5	16 100	42 500					62,0
64,0	27,8	94,1	19 300	44 000	40,8	101,2	15 100	40 800	50,7	104,6	11 000	37 700	64,0
66,0	21,9	89,6	18 300	41 300*	36,9	98,7	14 300	39 200	47,5	102,8	10 400	36 200	66,0
68,0	13,6	82,9	17 300	38 300*	32,7	95,7	13 500	37 700	44,1	100,8	9 700	34 800	68,0
70,0					27,8	92,1	12 700	36 300	40,5	98,5	9 100	33 500	70,0
72,0					21,9	87,6	12 000	34 900	36,6	95,9	8 500	32 200	72,0
74,0					13,6	81,0	11 200	33 600	32,2	92,9	7 900	31 100	74,0
76,0									27,3	89,2	7 300	29 900	76,0
78,0									21,2	84,6	6 800	28 800	78,0
80,0									12,5	77,6	6 200	27 800	80,0

Liftcrane Luffing Jib Capacities

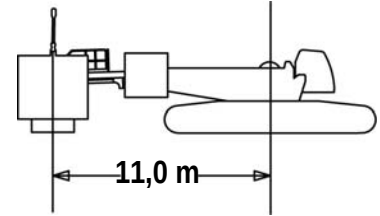
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



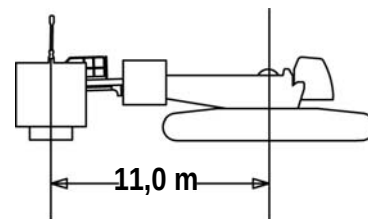
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
36,6	67,3	123,4	51 100	57 300*	36,6
38,0	65,6	122,7	48 600	57 300*	38,0
40,0	63,3	121,7	45 400	57 300*	40,0
42,0	60,8	120,7	42 500	57 100*	42,0
44,0	58,4	119,4	39 900	55 600*	44,0
46,0	55,8	118,1	37 600	53 200*	46,0
48,0	53,2	116,6	35 400	50 900*	48,0
50,0	50,4	115,0	33 400	48 600*	50,0
52,0	47,6	113,2	31 600	46 200*	52,0
54,0	44,6	111,2	29 900	43 900*	54,0
56,0	41,5	109,0	28 300	41 700*	56,0
58,0	38,1	106,6	26 900	39 600*	58,0
60,0	34,4	103,7	25 500	37 600*	60,0
62,0	30,4	100,5	24 200	35 800*	62,0
64,0	25,7	96,6	23 000	34 200*	64,0
66,0	20,1	91,7	21 900	32 800*	66,0
68,0	11,9	84,3	20 700	31 700*	68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0
84,0					84,0
86,0					86,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6													36,6
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0	61,0	119,3	29 400	53 900*									48,0
50,0	58,6	118,1	27 700	53 900*									50,0
52,0	56,0	116,8	26 100	53 900*									52,0
54,0	53,4	115,3	24 600	53 500*									54,0
56,0	50,7	113,7	23 300	51 600									56,0
58,0	47,8	111,9	22 000	49 300	56,0	114,8	17 200	45 600					58,0
60,0	44,8	109,9	20 900	47 200	53,4	113,3	16 200	43 700					60,0
62,0	41,7	107,8	19 800	45 300	50,7	111,7	15 300	41 900					62,0
64,0	38,3	105,3	18 700	43 500	47,8	109,9	14 400	40 200					64,0
66,0	34,7	102,5	17 700	41 800	44,9	108,0	13 600	38 600					66,0
68,0	30,7	99,3	16 800	40 000	41,7	105,8	12 800	37 100	50,4	109,1	8 900	34 100	68,0
70,0	26,1	95,5	15 900	37 900*	38,4	103,3	12 100	35 700	47,6	107,3	8 300	32 800	70,0
72,0	20,5	90,6	15 100	35 600*	34,7	100,6	11 300	34 400	44,6	105,3	7 700	31 600	72,0
74,0	12,8	83,6	14 200	33 100*	30,7	97,3	10 700	33 100	41,4	103,1	7 100	30 400	74,0
76,0					26,1	93,5	10 000	32 000	38,0	100,6	6 600	29 300	76,0
78,0					20,6	88,7	9 400	30 800	34,4	97,8	6 100	28 300	78,0
80,0					12,8	81,6	8 800	29 700	30,3	94,5	5 600	27 300	80,0
82,0									25,6	90,6	5 100	26 300	82,0
84,0									20,0	85,7	4 700	25 400	84,0
86,0									11,8	78,2	4 200	24 500	86,0

Liftcrane Luffing Jib Capacities

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

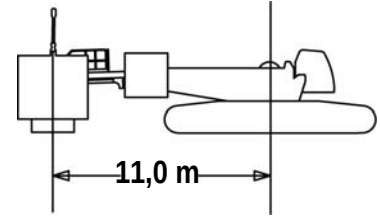
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



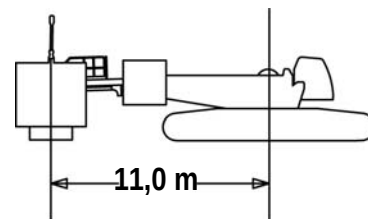
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	64,9	127,9	42 800	49 500*	41,1
42,0	64,0	127,5	41 600	49 500*	42,0
44,0	61,9	126,4	39 100	49 500*	44,0
46,0	59,7	125,2	36 700	49 300*	46,0
48,0	57,4	124,0	34 500	47 900*	48,0
50,0	55,1	122,6	32 600	46 000*	50,0
52,0	52,7	121,1	30 800	44 100*	52,0
54,0	50,2	119,5	29 100	42 200*	54,0
56,0	47,7	117,7	27 600	40 300*	56,0
58,0	45,0	115,7	26 100	38 500*	58,0
60,0	42,2	113,6	24 700	36 600*	60,0
62,0	39,2	111,2	23 500	34 900*	62,0
64,0	36,0	108,5	22 300	33 300*	64,0
66,0	32,6	105,5	21 200	31 700*	66,0
68,0	28,7	102,0	20 200	30 300*	68,0
70,0	24,3	97,9	19 100	29 100*	70,0
72,0	19,0	92,6	18 100	28 000*	72,0
74,0	11,3	84,8	17 200	26 800*	74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0
84,0					84,0
86,0					86,0
88,0					88,0
90,0					90,0
92,0					92,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													46,0
48,0													48,0
50,0													50,0
52,0	59,8	123,9	25 100	46 000*									52,0
54,0	57,6	122,7	23 700	46 000*									54,0
56,0	55,3	121,3	22 300	46 000*									56,0
58,0	52,9	119,8	21 100	46 000*									58,0
60,0	50,4	118,2	20 000	45 900*									60,0
62,0	47,9	116,4	18 800	44 600	55,3	119,3	14 300	41 100					62,0
64,0	45,2	114,4	17 800	42 700	52,9	117,8	13 400	39 400					64,0
66,0	42,4	112,3	16 900	41 100	50,4	116,2	12 600	37 800					66,0
68,0	39,4	109,9	16 000	39 500	47,9	114,4	11 800	36 300					68,0
70,0	36,3	107,3	15 100	38 000	45,2	112,5	11 100	34 900					70,0
72,0	32,8	104,3	14 300	36 400*	42,4	110,3	10 400	33 600	50,2	113,5	6 700	30 800	72,0
74,0	29,0	100,9	13 500	34 700*	39,4	108,0	9 800	32 400	47,6	111,7	6 100	29 600	74,0
76,0	24,7	96,8	12 800	32 800*	36,3	105,3	9 200	31 200	44,9	109,8	5 600	28 500	76,0
78,0	19,4	91,7	12 100	30 900*	32,8	102,3	8 600	30 100	42,1	107,6	5 100	27 500	78,0
80,0	12,0	84,2	11 300	28 700*	29,0	98,9	8 000	29 000	39,2	105,2	4 700	26 500	80,0
82,0					24,7	94,8	7 500	28 000	36,0	102,6	4 200	25 600	82,0
84,0					19,5	89,7	6 900	27 000	32,5	99,5	3 800	24 700	84,0
86,0					12,1	82,2	6 400	26 100	28,7	96,0	3 400	23 800	86,0
88,0									24,3	91,9	3 000	23 000	88,0
90,0									18,9	86,6	2 600	22 100*	90,0
92,0									11,1	78,7	2 100	21 200*	92,0

Liftcrane Luffing Jib Capacities

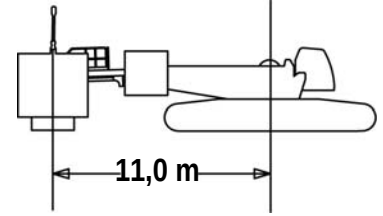
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



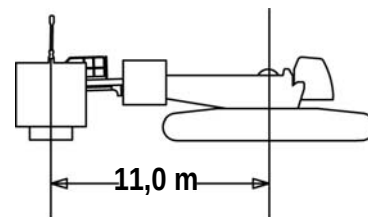
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	64,4	133,1	38 000	42 600*	44,2
46,0	62,7	132,1	35 800	42 600*	46,0
48,0	60,7	131,0	33 700	42 600*	48,0
50,0	58,7	129,8	31 700	42 600*	50,0
52,0	56,6	128,5	29 900	41 400*	52,0
54,0	54,5	127,1	28 300	39 900*	54,0
56,0	52,3	125,6	26 700	38 400*	56,0
58,0	50,0	123,9	25 200	36 900*	58,0
60,0	47,7	122,2	23 900	35 400*	60,0
62,0	45,3	120,2	22 700	33 900*	62,0
64,0	42,8	118,1	21 500	32 400*	64,0
66,0	40,1	115,8	20 400	31 000*	66,0
68,0	37,3	113,2	19 400	29 600*	68,0
70,0	34,3	110,4	18 400	28 400*	70,0
72,0	31,0	107,2	17 500	27 200*	72,0
74,0	27,3	103,5	16 500	26 100*	74,0
76,0	23,2	99,1	15 700	25 100*	76,0
78,0	18,1	93,6	14 900	24 300*	78,0
80,0	10,7	85,4	14 000	22 900*	80,0
82,0					82,0
84,0					84,0
86,0					86,0
88,0					88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2													44,2
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0	60,8	129,7	22 700	39 500*									54,0
56,0	58,8	128,5	21 400	39 500*									56,0
58,0	56,8	127,2	20 200	39 500*									58,0
60,0	54,6	125,8	19 000	39 500*									60,0
62,0	52,5	124,3	17 900	39 500*									62,0
64,0	50,2	122,6	16 900	39 500*	56,8	125,2	12 400	36 300*					64,0
66,0	47,9	120,9	16 000	39 500*	54,6	123,8	11 600	36 300					66,0
68,0	45,5	118,9	15 100	38 700*	52,5	122,3	10 900	35 700					68,0
70,0	43,0	116,8	14 200	37 300*	50,2	120,7	10 100	34 200					70,0
72,0	40,3	114,5	13 500	35 800	47,9	118,9	9 500	32 900					72,0
74,0	37,5	112,0	12 700	34 400*	45,5	117,0	8 900	31 600					74,0
76,0	34,5	109,2	11 900	32 900*	43,0	114,8	8 300	30 500	50,0	118,0	4 600	27 700	76,0
78,0	31,2	106,0	11 300	31 300*	40,3	112,6	7 700	29 400	47,7	116,2	4 100	26 700	78,0
80,0	27,6	102,3	10 600	29 700*	37,5	110,0	7 100	28 300	45,2	114,3	3 700	25 700*	80,0
82,0	23,5	98,0	10 000	28 200*	34,5	107,2	6 600	27 300	42,7	112,2	3 200	24 700*	82,0
84,0	18,5	92,6	9 400	26 700*	31,2	104,0	6 100	26 400	40,1	109,8	2 900	23 700*	84,0
86,0	11,5	84,8	8 700	24 600*	27,6	100,4	5 600	25 500	37,2	107,3	2 400	22 800*	86,0
88,0					23,5	96,1	5 100	24 600	34,2	104,4	2 100	22 000*	88,0
90,0					18,5	90,7	4 600	23 700	30,9	101,2	1 700	21 100*	90,0
92,0					11,5	82,8	4 200	22 900	27,3	97,5	1 300	20 300*	92,0
94,0									23,1	93,1	1 000	19 600*	94,0
96,0									18,0	87,6	600	18 800*	96,0

Liftcrane Luffing Jib Capacities

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

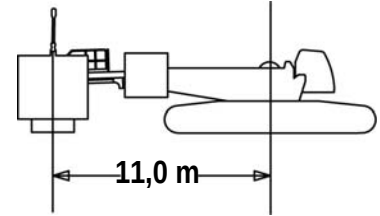
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



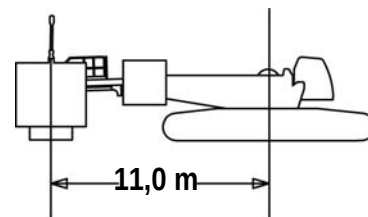
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
48,8	62,7	137,5	32 100	36 800*	48,8
50,0	61,5	136,8	30 900	36 800*	50,0
52,0	59,7	135,6	29 100	36 800*	52,0
54,0	57,8	134,4	27 400	36 700*	54,0
56,0	55,9	133,1	25 900	36 000*	56,0
58,0	54,0	131,6	24 500	34 700*	58,0
60,0	52,0	130,1	23 100	33 500*	60,0
62,0	49,9	128,4	21 900	32 300*	62,0
64,0	47,7	126,6	20 700	31 100*	64,0
66,0	45,5	124,7	19 600	29 900*	66,0
68,0	43,2	122,6	18 600	28 700*	68,0
70,0	40,8	120,3	17 600	27 500*	70,0
72,0	38,3	117,9	16 700	26 400*	72,0
74,0	35,6	115,2	15 900	25 300*	74,0
76,0	32,7	112,1	15 000	24 400*	76,0
78,0	29,6	108,7	14 200	23 400*	78,0
80,0	26,1	104,9	13 500	22 600*	80,0
82,0	22,1	100,2	12 800	21 800*	82,0
84,0	17,2	94,5	12 000	21 200*	84,0
86,0	10,2	85,9	11 300	19 600*	86,0
88,0					88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8													48,8
50,0													50,0
52,0													52,0
54,0													54,0
56,0	61,7	135,4	20 500	33 700*									56,0
58,0	59,9	134,3	19 200	33 700*									58,0
60,0	58,0	133,1	18 100	33 700*									60,0
62,0	56,1	131,7	17 000	33 700*									62,0
64,0	54,1	130,3	16 000	33 700*									64,0
66,0	52,1	128,8	15 100	33 700*									66,0
68,0	50,0	127,1	14 200	33 700*	56,1	129,7	9 900	31 000*					68,0
70,0	47,9	125,3	13 400	33 700*	54,1	128,3	9 200	31 000*					70,0
72,0	45,7	123,4	12 600	33 700*	52,1	126,8	8 500	31 000*					72,0
74,0	43,4	121,3	11 800	33 400*	50,0	125,1	7 900	30 700					74,0
76,0	41,0	119,1	11 100	32 300*	47,9	123,4	7 300	29 700					76,0
78,0	38,5	116,6	10 500	30 800*	45,7	121,4	6 800	28 600	51,9	124,1	3 100	25 600*	78,0
80,0	35,8	113,9	9 800	29 200*	43,4	119,4	6 200	27 600	49,9	122,5	2 700	24 600*	80,0
82,0	33,0	110,9	9 200	27 700*	41,0	117,1	5 700	26 600	47,7	120,7	2 300	23 600*	82,0
84,0	29,8	107,6	8 700	26 300*	38,5	114,7	5 200	25 700	45,5	118,8	1 900	22 700*	84,0
86,0	26,4	103,7	8 100	25 000*	35,8	111,9	4 700	24 700	43,2	116,7	1 500	21 800*	86,0
88,0	22,5	99,2	7 500	23 700*	33,0	109,0	4 300	23 900	40,8	114,4	1 100	20 900*	88,0
90,0	17,7	93,5	7 000	22 500*	29,9	105,6	3 900	23 100	38,3	111,9		20 100*	90,0
92,0	10,9	85,3	6 400	20 900*	26,4	101,8	3 500	22 300	35,6	109,2		19 400*	92,0
94,0					22,5	97,2	3 000	21 500	32,7	106,2		18 600*	94,0
96,0					17,7	91,6	2 600	20 700*	29,5	102,8		17 900*	96,0
98,0					11,0	83,4	2 200	19 900*	26,1	98,9		17 200*	98,0
100,0									22,1	94,3		16 500*	100,0
102,0									17,2	88,4		15 900*	102,0

Liftcrane Luffing Jib Capacities

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

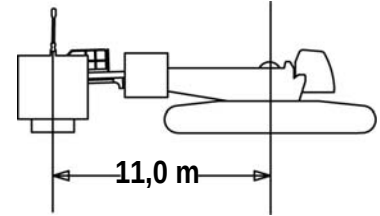
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



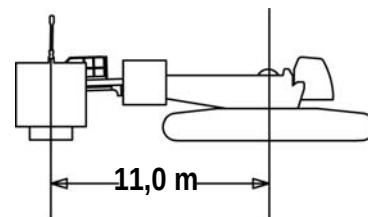
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
53,3	61,1	141,8	27 300	31 700*	53,3
54,0	60,6	141,4	26 700	31 700*	54,0
56,0	58,9	140,2	25 200	31 700*	56,0
58,0	57,1	139,0	23 700	31 700*	58,0
60,0	55,4	137,6	22 400	31 300*	60,0
62,0	53,5	136,1	21 200	30 300*	62,0
64,0	51,7	134,6	20 000	29 300*	64,0
66,0	49,8	132,9	18 900	28 300*	66,0
68,0	47,8	131,1	17 900	27 300*	68,0
70,0	45,7	129,2	17 000	26 400*	70,0
72,0	43,6	127,1	16 100	25 400*	72,0
74,0	41,4	124,9	15 200	24 400*	74,0
76,0	39,1	122,5	14 400	23 500*	76,0
78,0	36,7	119,9	13 600	22 600*	78,0
80,0	34,1	117,0	12 900	21 800*	80,0
82,0	31,4	113,8	12 200	21 000*	82,0
84,0	28,4	110,3	11 500	20 300*	84,0
86,0	25,1	106,2	10 800	19 600*	86,0
88,0	21,2	101,4	10 200	19 100*	88,0
90,0	16,5	95,3	9 600	18 500*	90,0
92,0	9,8	86,4	8 900	16 100*	92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
53,3													53,3
54,0													54,0
56,0													56,0
58,0	62,4	141,2	18 400	29 000*									58,0
60,0	60,7	140,1	17 300	29 000*									60,0
62,0	59,0	138,9	16 200	29 000*									62,0
64,0	57,3	137,6	15 200	29 000*									64,0
66,0	55,5	136,2	14 300	29 000*									66,0
68,0	53,7	134,8	13 400	29 000*									68,0
70,0	51,8	133,2	12 600	29 000*									70,0
72,0	49,9	131,6	11 800	29 000*	55,5	134,3	7 700	26 400*					72,0
74,0	47,9	129,8	11 100	29 000*	53,7	132,8	7 100	26 400*					74,0
76,0	45,9	127,9	10 400	29 000*	51,8	131,3	6 500	26 400*					76,0
78,0	43,8	125,8	9 700	29 000*	49,9	129,6	6 000	26 400*					78,0
80,0	41,6	123,6	9 100	28 500*	47,9	127,8	5 400	26 400*					80,0
82,0	39,3	121,2	8 500	27 200*	45,9	125,9	4 900	25 900	51,6	128,6	1 400	22 700*	82,0
84,0	36,9	118,6	7 900	25 800*	43,8	123,9	4 400	25 000	49,7	127,0	1 000	21 700*	84,0
86,0	34,4	115,8	7 400	24 500*	41,6	121,7	4 000	24 200	47,8	125,2		20 900*	86,0
88,0	31,6	112,6	6 900	23 300*	39,3	119,3	3 600	23 300	45,7	123,2		20 100*	88,0
90,0	28,6	109,1	6 400	22 100*	36,9	116,7	3 200	22 400*	43,6	121,2		19 200*	90,0
92,0	25,3	105,1	5 800	21 000*	34,4	113,8	2 700	21 600*	41,4	118,9		18 500*	92,0
94,0	21,5	100,3	5 400	19 900*	31,6	110,7	2 300	20 800*	39,1	116,5		17 800*	94,0
96,0	17,0	94,4	4 900	18 900*	28,6	107,1	1 900	20 000*	36,7	113,9		17 100*	96,0
98,0	10,5	85,8	4 400	17 500*	25,3	103,1	1 600	19 200*	34,1	111,0		16 300*	98,0
100,0					21,6	98,4	1 200	18 500*	31,3	107,9		15 700*	100,0
102,0					17,0	92,4	900	17 800*	28,3	104,3		15 100*	102,0
104,0					10,5	83,9		17 000*	25,0	100,2		14 400*	104,0
106,0									21,2	95,4		13 900*	106,0
108,0									16,5	89,3		13 300*	108,0

Liftcrane Luffing Jib Capacities

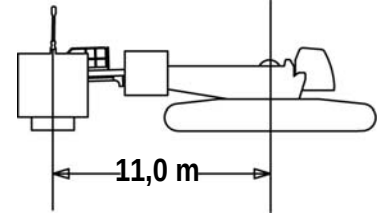
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



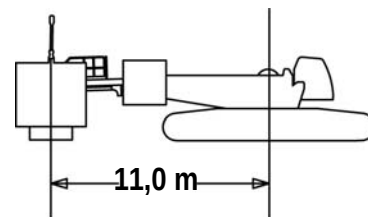
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
56,4	61,0	147,0	24 000	26 900*	56,4
58,0	59,8	146,0	22 800	26 900*	58,0
60,0	58,2	144,8	21 500	26 800*	60,0
62,0	56,5	143,5	20 300	26 800*	62,0
64,0	54,9	142,1	19 100	26 700*	64,0
66,0	53,2	140,6	18 100	26 400*	66,0
68,0	51,4	139,1	17 100	25 600*	68,0
70,0	49,6	137,4	16 100	24 800*	70,0
72,0	47,8	135,6	15 200	24 100*	72,0
74,0	45,9	133,7	14 300	23 300*	74,0
76,0	44,0	131,6	13 500	22 500*	76,0
78,0	42,0	129,4	12 800	21 800*	78,0
80,0	39,8	127,1	12 100	21 000*	80,0
82,0	37,6	124,6	11 400	20 300*	82,0
84,0	35,3	121,8	10 700	19 600*	84,0
86,0	32,8	118,8	10 000	19 000*	86,0
88,0	30,2	115,4	9 500	18 300*	88,0
90,0	27,3	111,7	8 900	17 800*	90,0
92,0	24,1	107,5	8 300	17 200*	92,0
94,0	20,4	102,4	7 700	16 400*	94,0
96,0	15,9	96,1	7 200	15 500*	96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0
110,0					110,0
112,0					112,0
114,0					114,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	Luffing Jib Capacity Kilograms	
56,4												56,4
58,0												58,0
60,0												60,0
62,0	61,4	145,8	15 300	24 600*								62,0
64,0	59,9	144,7	14 200	24 600*								64,0
66,0	58,3	143,5	13 300	24 600*								66,0
68,0	56,6	142,2	12 500	24 600*								68,0
70,0	55,0	140,8	11 700	24 600*								70,0
72,0	53,3	139,3	10 900	24 600*								72,0
74,0	51,6	137,7	10 200	24 600*	56,7	140,2	6 000	22 300*				74,0
76,0	49,8	136,1	9 500	24 600*	55,0	138,8	5 500	22 300*				76,0
78,0	48,0	134,3	8 800	24 600*	53,3	137,3	5 000	22 300*				78,0
80,0	46,1	132,4	8 200	24 600*	51,6	135,7	4 400	22 300*				80,0
82,0	44,1	130,4	7 600	24 600*	49,8	134,1	3 900	22 300*				82,0
84,0	42,1	128,2	7 100	24 600*	48,0	132,3	3 400	22 300*				84,0
86,0	40,0	125,8	6 500	24 100*	46,1	130,4	3 000	22 300*	51,4	133,1	19 700*	86,0
88,0	37,8	123,3	6 000	22 800*	44,1	128,4	2 600	22 100*	49,6	131,4	18 900*	88,0
90,0	35,5	120,6	5 500	21 600*	42,1	126,2	2 200	21 400*	47,8	129,6	18 100*	90,0
92,0	33,0	117,6	5 000	20 600*	40,0	123,9	1 800	20 500*	45,9	127,7	17 400*	92,0
94,0	30,4	114,3	4 600	19 500*	37,8	121,3	1 400	19 700*	43,9	125,7	16 600*	94,0
96,0	27,5	110,6	4 100	18 500*	35,5	118,6	1 000	19 000*	41,9	123,5	16 000*	96,0
98,0	24,4	106,4	3 700	17 500*	33,1	115,6		18 200*	39,8	121,1	15 300*	98,0
100,0	20,7	101,4	3 300	16 600*	30,4	112,3		17 500*	37,6	118,6	14 700*	100,0
102,0	16,3	95,2	2 900	15 700*	27,6	108,6		16 900*	35,3	115,8	14 000*	102,0
104,0	10,1	86,3	2 400	14 500*	24,4	104,4		16 200*	32,8	112,8	13 400*	104,0
106,0					20,7	99,4		15 500*	30,2	109,5	12 900*	106,0
108,0					16,3	93,3		14 900*	27,3	105,7	12 300*	108,0
110,0									24,1	101,5	11 800*	110,0
112,0									20,4	96,4	11 200*	112,0
114,0									15,8	90,1	10 700*	114,0

Liftcrane Luffing Jib Capacities

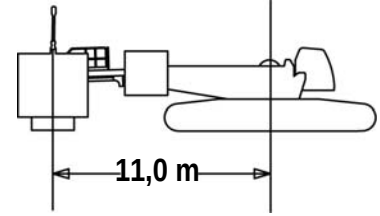
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



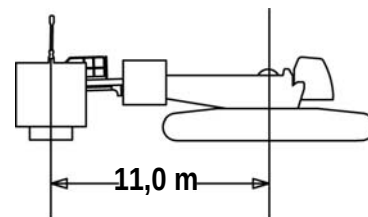
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	67,6	101,7	81 400	101 600*c	25,9
26,0	67,4	101,6	81 000	101 500*c	26,0
28,0	62,0	100,6	74 000	99 300*b	28,0
30,0	56,4	99,3	68 000	93 500*b	30,0
32,0	50,2	97,7	62 800	88 000*b	32,0
34,0	43,5	95,7	58 200	82 600*	34,0
36,0	35,7	93,1	54 100	77 100*	36,0
38,0	25,8	89,5	50 400	71 500*	38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	58,3	98,2	46 200	89 900*b									36,0
38,0	52,3	96,7	43 100	84 700*b									38,0
40,0	45,8	94,9	40 300	80 000									40,0
42,0	38,4	92,5	37 700	75 600									42,0
44,0	29,4	89,3	35 400	71 400	53,9	95,0	29 200	66 700b					44,0
46,0					47,5	93,3	27 400	63 200					46,0
48,0					40,4	91,1	25 800	60 000					48,0
50,0					31,9	88,1	24 200	57 000					50,0
52,0									48,5	90,8	17 800	50 500b	52,0
54,0									41,5	88,7	16 700	48 200	54,0
56,0									33,3	85,9	15 700	46 000	56,0
58,0									22,4	81,8	14 600	44 000	58,0

Liftcrane Luffing Jib Capacities

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

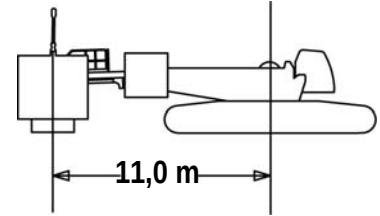
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



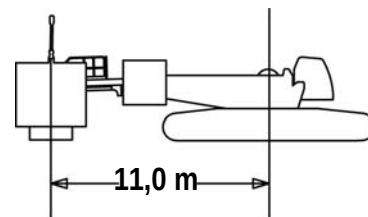
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	66,0	106,9	70 500	87 500* ^b	29,0
30,0	63,8	106,3	67 600	87 200* ^b	30,0
32,0	59,4	105,2	62 300	84 100* ^b	32,0
34,0	54,8	103,8	57 800	80 000*	34,0
36,0	49,8	102,2	53 800	75 900*	36,0
38,0	44,5	100,2	50 200	71 800*	38,0
40,0	38,6	97,9	47 000	67 700*	40,0
42,0	31,6	94,8	44 000	63 600*	42,0
44,0	22,8	90,7	41 300	59 300*	44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
29,0													29,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	56,3	102,7	39 700	79 400*									40,0
42,0	51,5	101,2	37 200	75 100									42,0
44,0	46,3	99,4	34 900	71 000									44,0
46,0	40,6	97,2	32 900	67 300									46,0
48,0	34,1	94,4	31 000	63 900	52,8	99,5	25 100	59 400					48,0
50,0	26,1	90,7	29 200	60 800	47,7	97,7	23 600	56 500					50,0
52,0					42,1	95,6	22 300	53 900					52,0
54,0					35,8	93,0	21 000	51 400					54,0
56,0					28,3	89,6	19 800	49 100	48,4	95,3	15 000	45 500	56,0
58,0									43,0	93,3	14 200	43 500	58,0
60,0									36,8	90,7	13 300	41 700	60,0
62,0									29,5	87,5	12 500	40 000	62,0
64,0									19,8	82,8	11 700	38 300	64,0

Liftcrane Luffing Jib Capacities

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

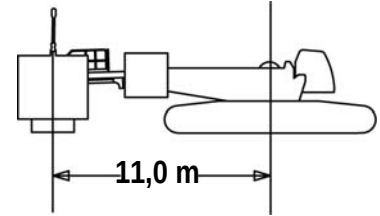
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



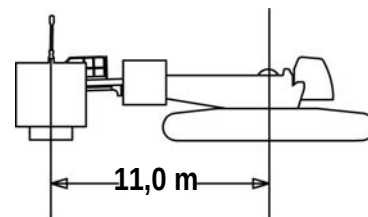
16000 MAX-ER

78,0 m (255,9 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	
30,5	67,6	112,8	65 400	76 100* ^b	30,5
32,0	65,0	112,1	61 500	76 000* ^b	32,0
34,0	61,3	111,0	57 000	75 300*	34,0
36,0	57,6	109,8	53 000	72 800*	36,0
38,0	53,7	108,3	49 500	69 000*	38,0
40,0	49,6	106,7	46 300	65 400*	40,0
42,0	45,1	104,7	43 400	61 900*	42,0
44,0	40,3	102,5	40 800	58 500*	44,0
46,0	35,0	99,8	38 500	55 400*	46,0
48,0	28,7	96,4	36 200	52 600*	48,0
50,0	20,7	91,8	34 200	50 000*	50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 m Position
 360 Degree Rating



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	
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	58,9	108,6	36 200	73 200*									42,0
44,0	55,0	107,3	34 000	70 300									44,0
46,0	51,0	105,7	32 000	66 500									46,0
48,0	46,6	103,9	30 200	63 200									48,0
50,0	42,0	101,7	28 400	60 100									50,0
52,0	36,8	99,2	26 900	57 300	52,0	104,0	21 300	53 100					52,0
54,0	30,9	96,0	25 400	54 700	47,8	102,2	20 100	50 600					54,0
56,0	23,7	91,9	24 000	52 100	43,2	100,2	18 900	48 400					56,0
58,0					38,2	97,7	17 900	46 300	52,6	101,5	13 100	42 600	58,0
60,0					32,5	94,8	16 900	44 400	48,4	99,8	12 200	40 800	60,0
62,0					25,7	91,0	15 900	42 500	43,9	97,8	11 500	39 200	62,0
64,0					16,2	85,4	14 900	40 800	39,0	95,4	10 800	37 600	64,0
66,0									33,4	92,6	10 100	36 100	66,0
68,0									26,8	88,9	9 400	34 700	68,0
70,0									17,9	83,7	8 700	33 400	70,0

Liftcrane Luffing Jib Capacities

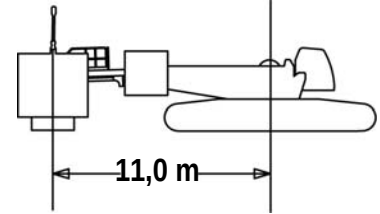
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



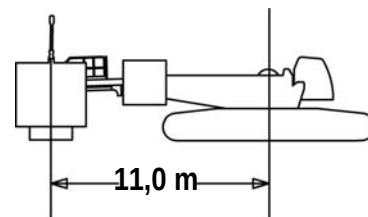
16000 MAX-ER

78,0 m (255,9 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	
33,5	66,5	118,0	57 400	66 400*	33,5
34,0	65,8	117,8	56 400	66 300*	34,0
36,0	62,7	116,7	52 400	66 100*	36,0
38,0	59,6	115,6	48 900	64 600*	38,0
40,0	56,3	114,3	45 700	61 700*	40,0
42,0	52,9	112,8	42 900	58 800*	42,0
44,0	49,4	111,1	40 300	55 900*	44,0
46,0	45,6	109,2	38 000	53 000*	46,0
48,0	41,6	107,1	35 800	50 200*	48,0
50,0	37,1	104,5	33 800	47 600*	50,0
52,0	32,2	101,5	32 000	45 300*	52,0
54,0	26,5	97,8	30 300	43 200*	54,0
56,0	19,1	92,8	28 700	41 500*	56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 m Position
 360 Degree Rating



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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													40,0
42,0													42,0
44,0	60,6	114,4	33 300	63 500*									44,0
46,0	57,4	113,2	31 300	63 500*									46,0
48,0	54,1	111,8	29 400	62 600									48,0
50,0	50,6	110,2	27 800	59 600									50,0
52,0	46,9	108,3	26 300	56 700									52,0
54,0	42,9	106,2	24 800	54 100	54,9	110,0	19 300	50 000					54,0
56,0	38,7	103,8	23 500	51 800	51,5	108,4	18 200	47 800					56,0
58,0	33,9	101,0	22 200	49 500	47,8	106,7	17 200	45 700					58,0
60,0	28,5	97,6	21 000	47 500	44,0	104,7	16 200	43 800					60,0
62,0	21,8	93,1	19 900	45 100*	39,8	102,3	15 300	42 000					62,0
64,0	11,7	86,0	18 800	41 900*	35,2	99,6	14 400	40 300	48,4	104,3	10 000	37 000	64,0
66,0					30,0	96,4	13 600	38 700	44,5	102,3	9 300	35 500	66,0
68,0					23,7	92,2	12 800	37 200	40,4	100,0	8 700	34 100	68,0
70,0					14,9	86,2	12 000	35 800	35,9	97,4	8 100	32 900	70,0
72,0									30,8	94,2	7 600	31 600	72,0
74,0									24,7	90,2	7 000	30 400	74,0
76,0									16,5	84,6	6 400	29 300	76,0

Liftcrane Luffing Jib Capacities

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

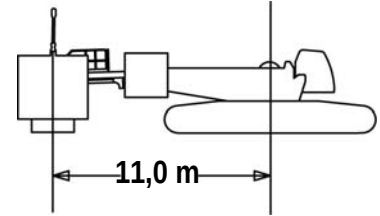
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



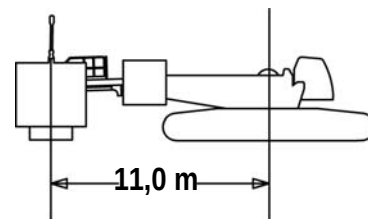
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
36,6	65,6	123,2	50 400	57 600*	36,6
38,0	63,7	122,5	48 000	57 600*	38,0
40,0	61,0	121,4	44 800	57 300*	40,0
42,0	58,2	120,2	42 000	55 200*	42,0
44,0	55,3	118,8	39 500	52 800*	44,0
46,0	52,3	117,3	37 100	50 500*	46,0
48,0	49,2	115,6	35 000	48 100*	48,0
50,0	45,9	113,7	33 100	45 800*	50,0
52,0	42,4	111,6	31 300	43 500*	52,0
54,0	38,7	109,2	29 600	41 400*	54,0
56,0	34,6	106,4	28 100	39 400*	56,0
58,0	30,0	103,1	26 600	37 600*	58,0
60,0	24,7	99,1	25 200	36 000*	60,0
62,0	17,8	93,7	23 900	34 700*	62,0
64,0	3,6	82,0	22 500	33 900*	64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6													36,6
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	61,9	120,2	30 300	54 900*									46,0
48,0	59,2	119,0	28 500	54 900*									48,0
50,0	56,3	117,7	26 800	54 900*									50,0
52,0	53,3	116,3	25 300	54 700*									52,0
54,0	50,3	114,6	23 900	53 100*									54,0
56,0	47,0	112,8	22 600	51 000									56,0
58,0	43,6	110,8	21 400	48 800	54,1	114,5	16 100	44 900					58,0
60,0	40,0	108,5	20 200	46 800	51,1	112,9	15 200	42 900					60,0
62,0	36,0	105,8	19 100	44 800	47,9	111,2	14 300	41 200					62,0
64,0	31,6	102,7	18 100	43 000	44,5	109,2	13 500	39 500					64,0
66,0	26,6	99,0	17 100	40 900*	40,9	106,9	12 700	38 000	51,5	110,5	8 200	34 600	66,0
68,0	20,3	94,1	16 200	38 600*	37,0	104,4	11 900	36 500	48,3	108,7	7 700	33 300	68,0
70,0	10,9	86,5	15 300	35 900*	32,8	101,4	11 200	35 100	45,0	106,8	7 100	32 000	70,0
72,0					27,9	97,9	10 500	33 800	41,5	104,6	6 600	30 800	72,0
74,0					22,1	93,4	9 900	32 500	37,6	102,1	6 000	29 600	74,0
76,0					13,9	86,8	9 200	31 400	33,4	99,2	5 600	28 600	76,0
78,0									28,7	95,7	5 100	27 600	78,0
80,0									23,0	91,4	4 600	26 600	80,0
82,0									15,4	85,4	4 100	25 600	82,0

Liftcrane Luffing Jib Capacities

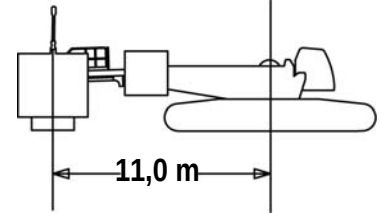
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



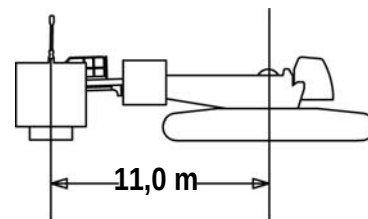
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	64,9	128,4	44 700	50 300*	39,6
40,0	64,5	128,2	44 200	50 300*	40,0
42,0	62,1	127,1	41 300	50 300*	42,0
44,0	59,7	126,0	38 800	49 400*	44,0
46,0	57,2	124,7	36 500	47 500*	46,0
48,0	54,6	123,3	34 400	45 700*	48,0
50,0	51,9	121,8	32 400	43 700*	50,0
52,0	49,1	120,1	30 600	41 800*	52,0
54,0	46,2	118,2	29 000	39 900*	54,0
56,0	43,1	116,1	27 500	38 000*	56,0
58,0	39,9	113,8	26 100	36 300*	58,0
60,0	36,4	111,2	24 700	34 600*	60,0
62,0	32,5	108,2	23 500	33 000*	62,0
64,0	28,2	104,6	22 300	31 700*	64,0
66,0	23,2	100,3	21 100	30 400*	66,0
68,0	16,7	94,5	20 100	29 500*	68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0
84,0					84,0
86,0					86,0
88,0					88,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													44,0
46,0													46,0
48,0													48,0
50,0	60,5	124,8	26 000	47 700*									50,0
52,0	58,0	123,6	24 500	47 700*									52,0
54,0	55,4	122,2	23 100	47 700*									54,0
56,0	52,8	120,7	21 800	47 700*									56,0
58,0	50,0	119,1	20 600	47 500*									58,0
60,0	47,2	117,3	19 500	45 900*	56,1	120,5	14 300	42 300					60,0
62,0	44,2	115,3	18 500	44 200*	53,5	119,0	13 500	40 500					62,0
64,0	41,0	113,0	17 500	42 500	50,7	117,4	12 700	38 900					64,0
66,0	37,6	110,5	16 500	40 800	47,9	115,6	11 900	37 300					66,0
68,0	33,8	107,6	15 700	39 200*	44,9	113,7	11 200	35 900					68,0
70,0	29,7	104,3	14 800	37 400*	41,8	111,5	10 500	34 500					70,0
72,0	25,0	100,3	14 000	35 600*	38,4	109,1	9 900	33 200	48,3	113,2	5 800	30 100	72,0
74,0	19,1	95,1	13 200	33 600*	34,8	106,3	9 200	32 000	45,4	111,3	5 300	29 000	74,0
76,0	10,2	87,0	12 400	31 300*	30,8	103,1	8 600	30 900	42,3	109,1	4 800	28 000	76,0
78,0					26,2	99,3	8 100	29 700	39,0	106,7	4 300	26 900	78,0
80,0					20,7	94,5	7 500	28 700	35,4	104,0	3 900	26 000	80,0
82,0					13,0	87,5	6 900	27 700	31,4	100,9	3 500	25 100	82,0
84,0									27,0	97,2	3 100	24 100*	84,0
86,0									21,6	92,6	2 700	23 200*	86,0
88,0									14,4	86,1	2 300	22 400*	88,0

Liftcrane Luffing Jib Capacities

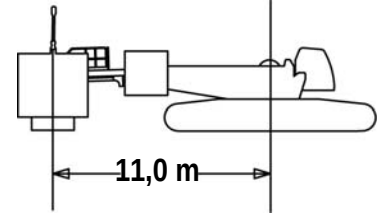
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



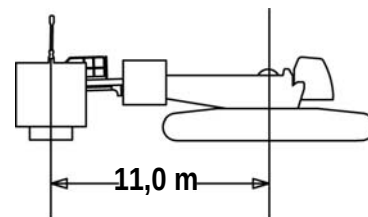
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	62,8	132,8	37 700	43 700*	44,2
46,0	60,8	131,8	35 600	43 600*	46,0
48,0	58,6	130,6	33 500	42 700*	48,0
50,0	56,3	129,3	31 600	41 200*	50,0
52,0	53,9	127,8	29 800	39 600*	52,0
54,0	51,5	126,3	28 200	38 000*	54,0
56,0	49,0	124,6	26 600	36 500*	56,0
58,0	46,4	122,7	25 200	34 900*	58,0
60,0	43,7	120,6	23 900	33 400*	60,0
62,0	40,8	118,4	22 700	31 900*	62,0
64,0	37,7	115,8	21 500	30 500*	64,0
66,0	34,4	113,0	20 400	29 200*	66,0
68,0	30,8	109,8	19 400	28 000*	68,0
70,0	26,7	106,0	18 400	26 900*	70,0
72,0	21,9	101,4	17 500	26 000*	72,0
74,0	15,8	95,3	16 600	25 200*	74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0
84,0					84,0
86,0					86,0
88,0					88,0
90,0					90,0
92,0					92,0
94,0					94,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2													44,2
46,0													46,0
48,0													48,0
50,0													50,0
52,0	61,5	130,6	23 500	41 100*									52,0
54,0	59,3	129,4	22 100	41 100*									54,0
56,0	57,1	128,1	20 900	41 100*									56,0
58,0	54,7	126,7	19 700	41 100*									58,0
60,0	52,3	125,2	18 600	41 100*									60,0
62,0	49,9	123,6	17 500	41 100*									62,0
64,0	47,3	121,8	16 600	41 100*	55,3	125,0	11 600	38 000					64,0
66,0	44,6	119,8	15 600	39 800*	52,9	123,5	10 900	36 500					66,0
68,0	41,7	117,6	14 800	38 400*	50,5	121,9	10 200	35 100					68,0
70,0	38,7	115,2	14 000	36 900*	47,9	120,1	9 500	33 700					70,0
72,0	35,5	112,4	13 200	35 600*	45,3	118,2	8 900	32 400					72,0
74,0	32,0	109,4	12 400	34 100*	42,5	116,0	8 300	31 200	50,9	119,4	4 200	28 100*	74,0
76,0	28,1	105,8	11 700	32 600*	39,5	113,7	7 700	30 100	48,3	117,7	3 700	27 000*	76,0
78,0	23,6	101,5	11 100	31 000*	36,4	111,0	7 200	29 000	45,7	115,8	3 300	25 900*	78,0
80,0	18,1	96,1	10 400	29 300*	32,9	108,1	6 600	28 000	42,9	113,7	2 900	24 900*	80,0
82,0	9,6	87,5	9 700	27 300*	29,2	104,6	6 100	27 000	40,0	111,3	2 500	24 000*	82,0
84,0					24,8	100,6	5 600	26 100	36,8	108,7	2 100	23 100*	84,0
86,0					19,6	95,5	5 100	25 100	33,5	105,8	1 800	22 200*	86,0
88,0					12,3	88,1	4 700	24 300	29,7	102,5	1 400	21 400*	88,0
90,0									25,5	98,5	1 100	20 600*	90,0
92,0									20,5	93,6		19 800*	92,0
94,0									13,6	86,8		19 000*	94,0

Liftcrane Luffing Jib Capacities

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

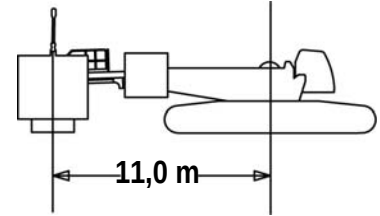
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	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	
47,2	62,5	137,9	33 400	38 100*	47,2
48,0	61,7	137,5	32 600	38 100*	48,0
50,0	59,7	136,4	30 700	38 000*	50,0
52,0	57,7	135,1	28 900	37 000*	52,0
54,0	55,6	133,8	27 300	35 800*	54,0
56,0	53,4	132,3	25 800	34 500*	56,0
58,0	51,2	130,7	24 400	33 200*	58,0
60,0	48,9	129,0	23 100	31 900*	60,0
62,0	46,6	127,2	21 900	30 700*	62,0
64,0	44,1	125,1	20 700	29 400*	64,0
66,0	41,5	122,9	19 600	28 200*	66,0
68,0	38,8	120,5	18 600	27 100*	68,0
70,0	35,9	117,8	17 600	26 000*	70,0
72,0	32,7	114,8	16 700	25 000*	72,0
74,0	29,3	111,4	15 900	24 100*	74,0
76,0	25,4	107,4	15 000	23 200*	76,0
78,0	20,9	102,6	14 300	22 400*	78,0
80,0	15,0	96,1	13 500	21 900*	80,0
82,0					82,0
84,0					84,0
86,0					86,0
88,0					88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0

Liftcrane Luffing Jib Capacities

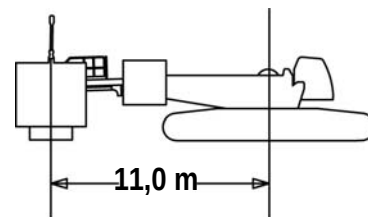
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2													47,2
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0	60,4	135,2	19 900	35 700*									56,0
58,0	58,4	134,0	18 700	35 700*									58,0
60,0	56,3	132,7	17 600	35 700*									60,0
62,0	54,2	131,3	16 600	35 700*									62,0
64,0	52,0	129,7	15 600	35 700*									64,0
66,0	49,7	128,1	14 700	35 700*	56,8	130,9	9 900	32 900*					66,0
68,0	47,4	126,2	13 800	35 700*	54,7	129,5	9 200	32 900*					68,0
70,0	44,9	124,3	13 100	35 600*	52,5	128,0	8 500	32 800					70,0
72,0	42,4	122,1	12 300	34 500*	50,3	126,3	7 900	31 700					72,0
74,0	39,7	119,8	11 600	33 300*	48,0	124,6	7 300	30 400					74,0
76,0	36,8	117,2	10 900	32 100*	45,5	122,7	6 800	29 300					76,0
78,0	33,8	114,3	10 200	30 900*	43,0	120,6	6 200	28 200	50,6	123,9	2 300	24 800*	78,0
80,0	30,5	111,0	9 600	29 600*	40,4	118,2	5 700	27 200	48,3	122,2	1 900	23 900*	80,0
82,0	26,8	107,2	9 000	28 300*	37,6	115,7	5 200	26 300	45,9	120,2	1 500	22 900*	82,0
84,0	22,5	102,7	8 400	26 900*	34,6	112,9	4 800	25 400	43,4	118,2	1 100	22 000*	84,0
86,0	17,2	97,0	7 800	25 400*	31,3	109,7	4 300	24 500	40,8	115,9	800	21 200*	86,0
88,0	9,1	87,9	7 300	23 700*	27,7	106,1	3 900	23 600	38,0	113,4		20 300*	88,0
90,0					23,6	101,8	3 500	22 800	35,0	110,6		19 600*	90,0
92,0					18,7	96,5	3 000	22 000	31,8	107,5		18 800*	92,0
94,0					11,7	88,7	2 600	21 200*	28,3	104,0		18 100*	94,0
96,0									24,3	99,8		17 400*	96,0
98,0									19,5	94,7		16 700*	98,0
100,0									13,0	87,4		16 000*	100,0

Liftcrane Luffing Jib Capacities

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

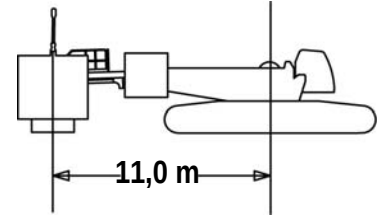
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



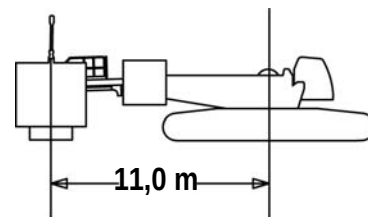
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
50,3	62,2	143,1	29 600	33 200*	50,3
52,0	60,7	142,2	28 100	33 200*	52,0
54,0	58,8	141,0	26 500	32 900*	54,0
56,0	56,9	139,7	25 000	32 100*	56,0
58,0	55,0	138,3	23 600	31 200*	58,0
60,0	53,0	136,8	22 300	30 100*	60,0
62,0	51,0	135,2	21 100	29 100*	62,0
64,0	48,9	133,5	19 900	28 000*	64,0
66,0	46,7	131,6	18 800	27 000*	66,0
68,0	44,4	129,6	17 800	26 000*	68,0
70,0	42,1	127,5	16 900	25 000*	70,0
72,0	39,6	125,1	16 000	24 100*	72,0
74,0	37,0	122,5	15 200	23 200*	74,0
76,0	34,3	119,7	14 400	22 300*	76,0
78,0	31,3	116,5	13 600	21 500*	78,0
80,0	28,0	112,9	12 800	20 800*	80,0
82,0	24,3	108,7	12 200	20 100*	82,0
84,0	19,9	103,6	11 500	19 500*	84,0
86,0	14,3	96,8	10 800	19 100*	86,0
88,0					88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	Luffing Jib Capacity Kilograms	
50,3												50,3
52,0												52,0
54,0												54,0
56,0												56,0
58,0	61,3	141,0	17 800	30 700*								58,0
60,0	59,4	139,8	16 700	30 700*								60,0
62,0	57,6	138,6	15 600	30 700*								62,0
64,0	55,6	137,2	14 700	30 700*								64,0
66,0	53,7	135,8	13 800	30 700*								66,0
68,0	51,7	134,2	13 000	30 700*								68,0
70,0	49,6	132,5	12 200	30 700*	56,1	135,4	7 500	28 300*				70,0
72,0	47,4	130,7	11 400	30 700*	54,2	134,0	6 900	28 300*				72,0
74,0	45,2	128,8	10 700	30 700*	52,2	132,5	6 300	28 300*				74,0
76,0	42,9	126,7	10 000	30 700*	50,1	130,8	5 800	28 300*				76,0
78,0	40,5	124,3	9 400	29 900*	48,0	129,1	5 300	27 500				78,0
80,0	37,9	121,8	8 800	29 000*	45,8	127,1	4 800	26 500				80,0
82,0	35,2	119,1	8 200	28 000*	43,5	125,1	4 300	25 500	50,4	128,4	21 800*	82,0
84,0	32,3	116,0	7 700	26 900*	41,1	122,8	3 900	24 600	48,3	126,6	20 900*	84,0
86,0	29,1	112,6	7 100	25 800*	38,6	120,4	3 400	23 700*	46,1	124,7	20 100*	86,0
88,0	25,6	108,6	6 600	24 600*	35,9	117,7	3 000	22 800*	43,8	122,7	19 300*	88,0
90,0	21,5	103,8	6 100	23 400*	33,0	114,7	2 600	22 000*	41,4	120,5	18 500*	90,0
92,0	16,4	97,8	5 600	22 100*	29,9	111,3	2 200	21 100*	38,9	118,0	17 800*	92,0
94,0	8,7	88,3	5 000	20 000*	26,5	107,5	1 900	20 300*	36,3	115,4	17 100*	94,0
96,0					22,6	103,0	1 500	19 500*	33,5	112,4	16 400*	96,0
98,0					17,8	97,4	1 100	18 800*	30,4	109,2	15 700*	98,0
100,0					11,2	89,3		18 000*	27,0	105,4	15 100*	100,0
102,0									23,2	101,0	14 500*	102,0
104,0									18,6	95,6	13 900*	104,0
106,0									12,4	88,1	13 300*	106,0

Liftcrane Luffing Jib Capacities

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

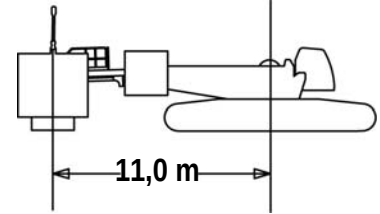
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	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	
54,9	60,7	147,4	25 000	28 600*	54,9
56,0	59,8	146,8	24 200	28 600*	56,0
58,0	58,0	145,5	22 800	28 500*	58,0
60,0	56,3	144,2	21 500	28 000*	60,0
62,0	54,5	142,8	20 300	27 100*	62,0
64,0	52,6	141,3	19 200	26 400*	64,0
66,0	50,8	139,7	18 100	25 500*	66,0
68,0	48,8	138,0	17 100	24 600*	68,0
70,0	46,8	136,1	16 200	23 800*	70,0
72,0	44,7	134,1	15 300	23 000*	72,0
74,0	42,6	132,0	14 500	22 200*	74,0
76,0	40,4	129,7	13 700	21 400*	76,0
78,0	38,0	127,2	12 900	20 700*	78,0
80,0	35,5	124,4	12 200	20 000*	80,0
82,0	32,9	121,4	11 500	19 300*	82,0
84,0	30,0	118,1	10 900	18 600*	84,0
86,0	26,8	114,3	10 200	18 000*	86,0
88,0	23,3	109,9	9 600	17 500*	88,0
90,0	19,1	104,6	9 000	17 100*	90,0
92,0	13,7	97,6	8 400	16 700*	92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0
110,0					110,0
112,0					112,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

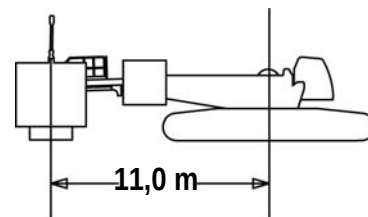
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

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

Liftcrane Luffing Jib Capacities

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

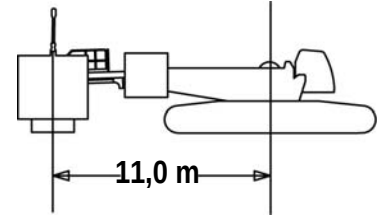
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



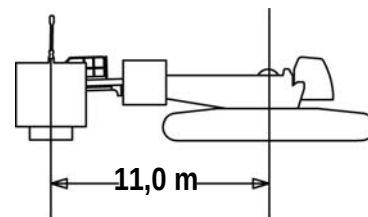
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	60,6	152,6	22 000	24 700*	57,9
58,0	60,6	152,6	21 900	24 700*	58,0
60,0	59,0	151,4	20 600	24 600*	60,0
62,0	57,4	150,1	19 400	24 500*	62,0
64,0	55,7	148,7	18 300	24 300*	64,0
66,0	54,0	147,3	17 300	23 700*	66,0
68,0	52,3	145,8	16 300	23 000*	68,0
70,0	50,6	144,2	15 300	22 300*	70,0
72,0	48,8	142,4	14 400	21 600*	72,0
74,0	46,9	140,6	13 600	20 900*	74,0
76,0	45,0	138,6	12 800	20 300*	76,0
78,0	43,0	136,5	12 100	19 600*	78,0
80,0	41,0	134,2	11 400	19 000*	80,0
82,0	38,8	131,8	10 700	18 400*	82,0
84,0	36,5	129,2	10 100	17 800*	84,0
86,0	34,2	126,3	9 400	17 200*	86,0
88,0	31,6	123,1	8 900	16 700*	88,0
90,0	28,9	119,6	8 300	16 200*	90,0
92,0	25,8	115,7	7 700	15 800*	92,0
94,0	22,4	111,1	7 200	15 300*	94,0
96,0	18,4	105,6	6 700	15 000*	96,0
98,0	13,2	98,2	6 100	14 500*	98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0
110,0					110,0
112,0					112,0
114,0					114,0
116,0					116,0
118,0					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 11,0 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	Luffing Jib Capacity Kilograms	
57,9 58,0 60,0 62,0 64,0												57,9 58,0 60,0 62,0 64,0
	61,1	151,4	12 900	22 700*								
66,0 68,0 70,0 72,0 74,0	59,5 57,9 56,3 54,6 52,9	150,2 149,0 147,6 146,2 144,7	12 000 11 200 10 400 9 700 9 000	22 700* 22 700* 22 700* 22 700* 22 700*								66,0 68,0 70,0 72,0 74,0
76,0 78,0 80,0 82,0 84,0	51,2 49,4 47,5 45,6 43,7	143,2 141,5 139,7 137,7 135,7	8 300 7 700 7 100 6 600 6 000	22 700* 22 700* 22 700* 22 700* 22 700*	56,7 55,0 53,3 51,6 49,8	145,9 144,5 143,0 141,4 139,8	3 900 3 400 2 900 2 500 2 000	20 600* 20 600* 20 600* 20 600* 20 600*				76,0 78,0 80,0 82,0 84,0
86,0 88,0 90,0 92,0 94,0	41,7 39,5 37,3 35,0 32,5	133,5 131,1 128,5 125,7 122,7	5 500 5 000 4 600 4 100 3 700	22 700* 22 700* 22 300* 21 400* 20 300*	48,0 46,1 44,2 42,2 40,1	138,0 136,1 134,1 131,9 129,6	1 600 1 200	20 600* 20 600* 20 000* 19 200* 18 500*	51,9 50,1 48,3 46,4	139,0 137,3 135,6 133,7	17 200* 16 400* 15 700* 15 100*	86,0 88,0 90,0 92,0 94,0
96,0 98,0 100,0 102,0 104,0	29,8 26,9 23,6 19,8 15,1	119,3 115,5 111,1 106,0 99,4	3 200 2 800 2 400 2 100 1 600	19 300* 18 300* 17 300* 16 400* 15 500*	37,9 35,6 33,1 30,5 27,6	127,0 124,3 121,3 118,0 114,3		17 700* 17 000* 16 300* 15 700* 15 000*	44,5 42,5 40,4 38,2 35,9	131,7 129,5 127,2 124,7 122,0	14 400* 13 700* 13 100* 12 500* 12 000*	96,0 98,0 100,0 102,0 104,0
106,0 108,0 110,0 112,0 114,0	8,0	89,2	1 200	13 700*	24,5 20,8 16,4 10,3	110,2 105,2 99,1 90,3		14 400* 13 800* 13 300* 12 700*	33,5 30,9 28,1 25,0 21,4	119,1 115,8 112,2 108,1 103,3	11 400* 10 900* 10 400* 9 900* 9 400*	106,0 108,0 110,0 112,0 114,0
116,0 118,0									17,2 11,4	97,4 89,3	8 900* 8 400*	116,0 118,0

Liftcrane Luffing Jib Capacities

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

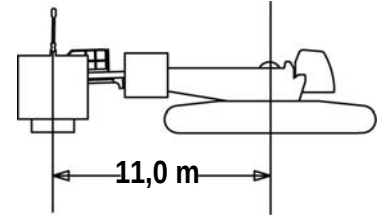
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



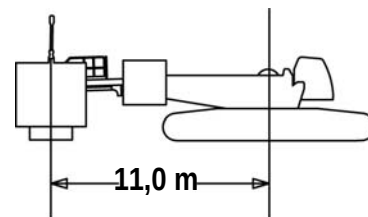
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	66,4	107,4	74 000	85 900*c	27,4
28,0	64,9	107,1	72 200	85 600*c	28,0
30,0	59,4	105,9	66 300	84 200*b	30,0
32,0	53,5	104,5	61 200	81 400*b	32,0
34,0	47,1	102,7	56 700	76 600*b	34,0
36,0	39,9	100,5	52 700	71 700*	36,0
38,0	31,3	97,5	49 200	66 900*	38,0
40,0					40,0
42,0					42,0
44,0					44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
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	57,0	103,7	40 800	81 900*b									38,0
40,0	50,9	102,2	38 200	77 700*b									40,0
42,0	44,3	100,2	35 700	73 300*									42,0
44,0	36,6	97,7	33 500	68 600*									44,0
46,0	27,0	94,2	31 500	63 800*	54,0	100,7	24 900	61 200b					46,0
48,0					47,7	98,9	23 300	58 100b					48,0
50,0					40,6	96,7	22 000	55 300					50,0
52,0					32,2	93,8	20 600	52 600					52,0
54,0					20,7	89,5	19 300	50 200	50,2	96,8	14 000	46 200b	54,0
56,0									43,5	94,8	13 100	44 100	56,0
58,0									35,7	92,2	12 200	42 200	58,0
60,0									25,8	88,6	11 400	40 400	60,0

Liftcrane Luffing Jib Capacities

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

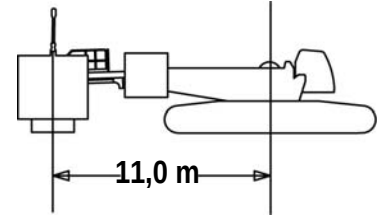
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	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	65,0	112,6	64 500	74 700* ^b	30,5
32,0	61,7	111,7	60 700	74 000* ^b	32,0
34,0	57,2	110,5	56 200	72 800* ^b	34,0
36,0	52,4	109,0	52 400	70 000*	36,0
38,0	47,3	107,2	48 800	66 300*	38,0
40,0	41,7	105,1	45 700	62 800*	40,0
42,0	35,4	102,4	42 900	59 300*	42,0
44,0	27,8	99,0	40 200	55 700*	44,0
46,0					46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0

Liftcrane Luffing Jib Capacities

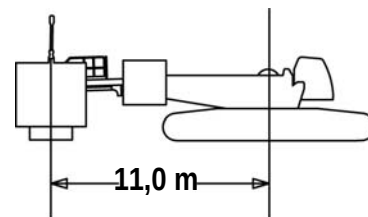
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 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	
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	59,9	109,6	37 500	72 700*									40,0
42,0	55,3	108,2	35 100	71 400*									42,0
44,0	50,4	106,6	33 000	67 900*									44,0
46,0	45,1	104,7	31 000	64 500*									46,0
48,0	39,2	102,4	29 200	60 900*									48,0
50,0	32,5	99,4	27 500	57 400*	52,9	105,2	21 300	54 700					50,0
52,0	24,0	95,5	25 900	53 700*	47,8	103,4	20 000	52 200					52,0
54,0					42,3	101,3	18 900	49 800					54,0
56,0					36,0	98,7	17 800	47 600					56,0
58,0					28,5	95,4	16 700	45 500	49,8	101,2	11 600	41 600	58,0
60,0					18,3	90,4	15 700	43 500	44,5	99,3	10 800	39 800	60,0
62,0									38,5	96,9	10 100	38 200	62,0
64,0									31,6	93,9	9 400	36 700	64,0
66,0									22,8	89,7	8 800	35 200	66,0

Liftcrane Luffing Jib Capacities

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

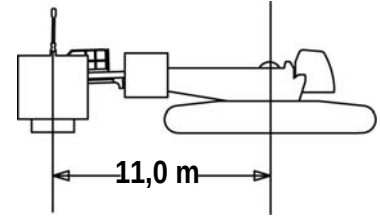
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



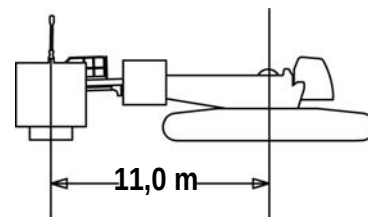
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	117,7	56 400	65 200* ^b	33,5
34,0	63,2	117,5	55 400	65 100* ^b	34,0
36,0	59,6	116,3	51 500	64 300*	36,0
38,0	55,8	115,0	48 100	62 200*	38,0
40,0	51,7	113,5	45 000	59 100*	40,0
42,0	47,5	111,7	42 100	56 200*	42,0
44,0	42,9	109,6	39 600	53 300*	44,0
46,0	37,8	107,2	37 300	50 700*	46,0
48,0	32,1	104,2	35 200	48 200*	48,0
50,0	25,2	100,3	33 200	46 100*	50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													40,0
42,0													42,0
44,0	58,0	114,1	32 000	63 300*									44,0
46,0	54,1	112,7	30 100	62 200*									46,0
48,0	50,0	111,1	28 300	59 600*									48,0
50,0	45,6	109,2	26 700	56 900*									50,0
52,0	40,9	107,0	25 200	54 200*	56,1	111,2	18 900	51 300					52,0
54,0	35,6	104,3	23 800	51 400*	52,1	109,7	17 800	48 900					54,0
56,0	29,4	101,0	22 500	48 600*	47,9	107,9	16 800	46 800					56,0
58,0	21,7	96,6	21 200	45 500*	43,3	105,8	15 800	44 700					58,0
60,0					38,3	103,4	14 900	42 800					60,0
62,0					32,7	100,5	14 000	41 100	49,6	105,7	9 000	37 300	62,0
64,0					25,9	96,7	13 200	39 400	45,1	103,8	8 400	35 800	64,0
66,0					16,5	91,2	12 300	37 800	40,3	101,5	7 800	34 400	66,0
68,0									35,0	98,8	7 200	33 100	68,0
70,0									28,7	95,4	6 700	31 800	70,0
72,0									20,7	90,8	6 100	30 600	72,0

Liftcrane Luffing Jib Capacities

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

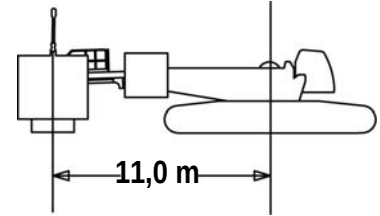
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



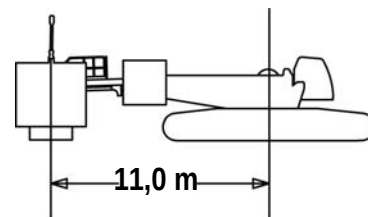
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
36,6	63,4	122,9	49 800	57 000*	36,6
38,0	61,2	122,1	47 400	56 600*	38,0
40,0	58,0	120,9	44 300	55 500*	40,0
42,0	54,7	119,5	41 600	53 100*	42,0
44,0	51,2	117,9	39 100	50 600*	44,0
46,0	47,6	116,2	36 800	48 200*	46,0
48,0	43,7	114,1	34 700	45 900*	48,0
50,0	39,5	111,8	32 700	43 700*	50,0
52,0	34,9	109,1	31 000	41 600*	52,0
54,0	29,6	105,7	29 300	39 800*	54,0
56,0	23,2	101,5	27 800	38 200*	56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	
36,6													36,6
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	59,9	120,0	29 300	55 100*									46,0
48,0	56,7	118,7	27 600	55 100*									48,0
50,0	53,3	117,2	26 000	54 300*									50,0
52,0	49,8	115,6	24 500	52 300*									52,0
54,0	46,0	113,7	23 100	50 100*									54,0
56,0	42,0	111,5	21 900	48 000*	55,0	115,7	16 000	46 100					56,0
58,0	37,7	109,1	20 700	45 800*	51,6	114,1	15 100	44 100					58,0
60,0	32,8	106,1	19 600	43 500*	47,9	112,4	14 200	42 300					60,0
62,0	27,1	102,5	18 500	41 200*	44,1	110,4	13 300	40 500					62,0
64,0	20,0	97,6	17 500	38 700*	39,9	108,1	12 600	38 900	52,9	111,8	7 600	35 100	64,0
66,0					35,3	105,3	11 800	37 300	49,4	110,2	7 000	33 700	66,0
68,0					30,1	102,1	11 100	35 900	45,6	108,3	6 500	32 400	68,0
70,0					23,9	98,0	10 400	34 500	41,5	106,1	6 000	31 200	70,0
72,0					15,2	92,0	9 700	33 200	37,1	103,6	5 500	30 000	72,0
74,0									32,2	100,6	5 000	28 900	74,0
76,0									26,4	96,8	4 500	27 900	76,0
78,0									19,1	91,8	4 100	26 800	78,0

Liftcrane Luffing Jib Capacities

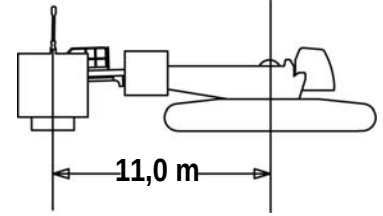
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



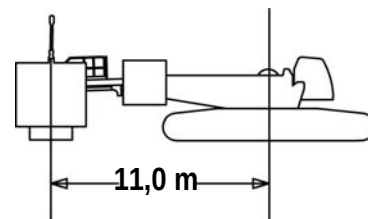
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	62,9	128,1	44 000	50 100*	39,6
40,0	62,4	127,9	43 500	50 000*	40,0
42,0	59,7	126,7	40 700	49 400*	42,0
44,0	56,8	125,4	38 200	47 600*	44,0
46,0	53,9	124,0	35 900	45 600*	46,0
48,0	50,9	122,4	33 800	43 600*	48,0
50,0	47,7	120,6	32 000	41 600*	50,0
52,0	44,3	118,6	30 200	39 700*	52,0
54,0	40,7	116,4	28 600	37 900*	54,0
56,0	36,8	113,8	27 100	36 200*	56,0
58,0	32,5	110,8	25 700	34 600*	58,0
60,0	27,6	107,2	24 300	33 200*	60,0
62,0	21,6	102,6	23 100	32 000*	62,0
64,0	13,2	95,9	21 900	31 200*	64,0
66,0					66,0
68,0					68,0
70,0					70,0
72,0					72,0
74,0					74,0
76,0					76,0
78,0					78,0
80,0					80,0
82,0					82,0
84,0					84,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													44,0
46,0													46,0
48,0	61,3	125,7	26 600	48 100*									48,0
50,0	58,5	124,5	25 000	48 100*									50,0
52,0	55,6	123,2	23 500	48 100*									52,0
54,0	52,7	121,7	22 200	47 800*									54,0
56,0	49,6	120,0	20 900	46 500*									56,0
58,0	46,3	118,2	19 800	44 700*	57,1	121,6	14 000	43 200					58,0
60,0	42,8	116,1	18 700	42 900*	54,2	120,2	13 100	41 400					60,0
62,0	39,1	113,7	17 700	41 100*	51,1	118,6	12 300	39 700					62,0
64,0	35,1	110,9	16 700	39 300*	48,0	116,8	11 500	38 100					64,0
66,0	30,6	107,7	15 800	37 400*	44,6	114,9	10 800	36 500					66,0
68,0	25,3	103,8	15 000	35 500*	41,0	112,6	10 100	35 100					68,0
70,0	18,6	98,6	14 100	33 400*	37,2	110,1	9 500	33 800	49,2	114,7	4 900	30 300	70,0
72,0					32,9	107,1	8 900	32 600	45,9	112,8	4 400	29 200	72,0
74,0					28,0	103,6	8 300	31 300	42,4	110,6	3 900	28 000*	74,0
76,0					22,2	99,2	7 700	30 200	38,7	108,2	3 500	27 000*	76,0
78,0					14,2	92,7	7 100	29 100	34,6	105,4	3 100	25 900*	78,0
80,0									30,0	102,2	2 700	24 900*	80,0
82,0									24,6	98,1	2 300	24 000*	82,0
84,0									17,7	92,7	1 900	23 000*	84,0

Liftcrane Luffing Jib Capacities

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

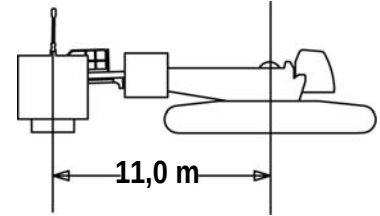
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



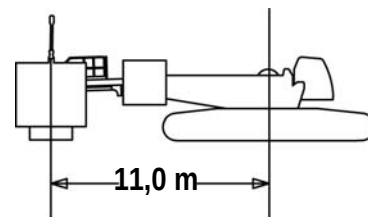
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
42,7	62,5	133,2	39 100	44 100*	42,7
44,0	60,9	132,5	37 500	44 000*	44,0
46,0	58,5	131,3	35 300	42 800*	46,0
48,0	55,9	130,0	33 200	41 200*	48,0
50,0	53,3	128,5	31 300	39 600*	50,0
52,0	50,6	126,9	29 600	37 900*	52,0
54,0	47,7	125,1	28 000	36 300*	54,0
56,0	44,7	123,1	26 500	34 700*	56,0
58,0	41,6	120,9	25 100	33 200*	58,0
60,0	38,2	118,5	23 800	31 800*	60,0
62,0	34,6	115,7	22 500	30 400*	62,0
64,0	30,5	112,4	21 400	29 200*	64,0
66,0	25,9	108,6	20 300	28 100*	66,0
68,0	20,3	103,7	19 300	27 200*	68,0
70,0	12,4	96,5	18 200	26 600*	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7													42,7
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	59,9	130,4	22 700	42 100*									52,0
54,0	57,4	129,1	21 400	42 100*									54,0
56,0	54,8	127,7	20 200	42 100*									56,0
58,0	52,2	126,2	19 000	42 100*									58,0
60,0	49,4	124,5	18 000	41 600*									60,0
62,0	46,5	122,7	17 000	40 000*	56,2	126,1	11 400	38 900					62,0
64,0	43,5	120,6	16 100	38 600*	53,5	124,7	10 700	37 400					64,0
66,0	40,2	118,3	15 200	37 100*	50,8	123,1	10 000	35 900					66,0
68,0	36,8	115,7	14 300	35 600*	48,0	121,3	9 300	34 500					68,0
70,0	33,0	112,7	13 500	34 000*	45,0	119,4	8 700	33 200					70,0
72,0	28,7	109,3	12 800	32 400*	41,9	117,2	8 100	31 900	51,9	120,8	3 500	28 200*	72,0
74,0	23,8	105,1	12 000	30 700*	38,5	114,7	7 600	30 800	49,1	119,1	3 100	27 100*	74,0
76,0	17,5	99,5	11 300	28 900*	34,9	112,0	7 000	29 600	46,2	117,2	2 700	26 000*	76,0
78,0					30,9	108,8	6 500	28 600	43,1	115,2	2 300	25 100*	78,0
80,0					26,4	105,0	6 000	27 600	39,9	112,8	1 900	24 100*	80,0
82,0					20,9	100,2	5 500	26 600	36,4	110,2	1 600	23 200*	82,0
84,0									32,5	107,2	1 200	22 300*	84,0
86,0									28,2	103,7	900	21 400*	86,0
88,0									23,2	99,3		20 600*	88,0
90,0									16,7	93,6		19 800*	90,0

Liftcrane Luffing Jib Capacities

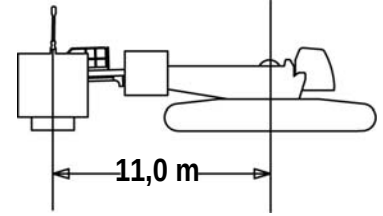
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



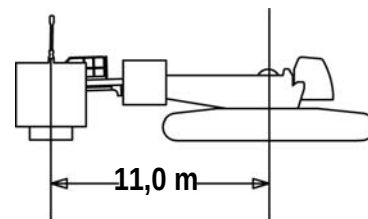
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	62,3	138,4	34 600	38 700*	45,7
46,0	61,9	138,3	34 400	38 700*	46,0
48,0	59,7	137,1	32 300	38 300*	48,0
50,0	57,5	135,9	30 400	37 100*	50,0
52,0	55,2	134,5	28 700	35 800*	52,0
54,0	52,8	133,0	27 100	34 400*	54,0
56,0	50,3	131,4	25 600	33 000*	56,0
58,0	47,8	129,6	24 200	31 700*	58,0
60,0	45,1	127,6	23 000	30 400*	60,0
62,0	42,3	125,5	21 800	29 100*	62,0
64,0	39,3	123,1	20 600	27 900*	64,0
66,0	36,2	120,4	19 600	26 800*	66,0
68,0	32,7	117,4	18 600	25 800*	68,0
70,0	28,9	114,0	17 600	24 800*	70,0
72,0	24,5	109,9	16 700	23 900*	72,0
74,0	19,2	104,7	15 900	23 300*	74,0
76,0	11,7	97,1	15 000	22 800*	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													48,0
50,0													50,0
52,0													52,0
54,0	61,0	136,1	20 400	36 700*									54,0
56,0	58,8	134,9	19 200	36 700*									56,0
58,0	56,5	133,6	18 000	36 700*									58,0
60,0	54,2	132,2	17 000	36 700*									60,0
62,0	51,8	130,7	16 000	36 700*									62,0
64,0	49,3	129,0	15 100	36 700*	57,7	132,0	9 600	34 100*					64,0
66,0	46,7	127,1	14 200	35 800*	55,4	130,7	8 900	34 100*					66,0
68,0	44,0	125,1	13 400	34 600*	53,0	129,2	8 300	33 600					68,0
70,0	41,1	122,9	12 600	33 300*	50,6	127,6	7 700	32 400					70,0
72,0	38,0	120,4	11 900	32 000*	48,0	125,8	7 100	31 100					72,0
74,0	34,8	117,6	11 200	30 700*	45,3	123,8	6 600	29 900					74,0
76,0	31,2	114,4	10 500	29 400*	42,6	121,7	6 000	28 900					76,0
78,0	27,2	110,7	9 900	28 000*	39,6	119,4	5 600	27 800	49,0	123,6	1 200	23 900*	78,0
80,0	22,5	106,2	9 300	26 500*	36,4	116,7	5 100	26 800	46,4	121,7	900	22 900*	80,0
82,0	16,6	100,4	8 700	25 000*	33,0	113,8	4 600	25 900	43,7	119,7		22 000*	82,0
84,0					29,3	110,4	4 200	25 000	40,8	117,4		21 200*	84,0
86,0					24,9	106,3	3 700	24 100	37,7	114,9		20 400*	86,0
88,0					19,8	101,3	3 300	23 200	34,4	112,1		19 600*	88,0
90,0									30,8	108,8		18 800*	90,0
92,0									26,7	105,1		18 100*	92,0
94,0									21,9	100,5		17 400*	94,0
96,0									15,8	94,4		16 700*	96,0

Liftcrane Luffing Jib Capacities

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

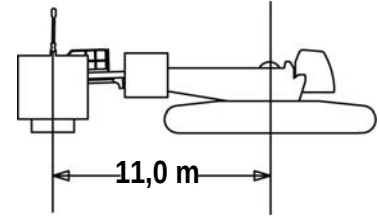
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



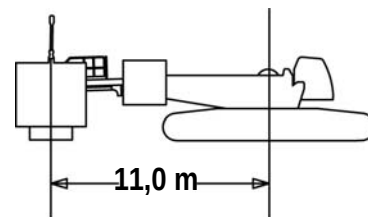
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
50,3	60,5	142,7	29 300	33 900*	50,3
52,0	58,8	141,7	27 800	33 200*	52,0
54,0	56,7	140,4	26 200	32 200*	54,0
56,0	54,6	139,0	24 800	31 100*	56,0
58,0	52,4	137,5	23 400	30 000*	58,0
60,0	50,1	135,8	22 100	28 900*	60,0
62,0	47,8	134,1	20 900	27 800*	62,0
64,0	45,4	132,1	19 800	26 800*	64,0
66,0	42,9	130,0	18 800	25 700*	66,0
68,0	40,2	127,7	17 800	24 700*	68,0
70,0	37,4	125,2	16 800	23 800*	70,0
72,0	34,4	122,3	16 000	22 900*	72,0
74,0	31,1	119,1	15 100	22 100*	74,0
76,0	27,5	115,5	14 300	21 300*	76,0
78,0	23,3	111,1	13 500	20 600*	78,0
80,0	18,3	105,7	12 800	20 100*	80,0
82,0	11,1	97,7	12 000	19 800*	82,0
84,0					84,0
86,0					86,0
88,0					88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	Luffing Jib Capacity Kilograms	
50,3												50,3
52,0												52,0
54,0												54,0
56,0												56,0
58,0	59,9	140,7	17 000	32 000*								58,0
60,0	57,9	139,5	16 000	32 000*								60,0
62,0	55,8	138,2	15 100	32 000*								62,0
64,0	53,7	136,7	14 200	32 000*								64,0
66,0	51,5	135,1	13 300	32 000*								66,0
68,0	49,2	133,4	12 500	32 000*	56,9	136,6	7 300	29 500*				68,0
70,0	46,8	131,6	11 700	31 900*	54,8	135,2	6 600	29 500*				70,0
72,0	44,4	129,6	11 000	30 900*	52,6	133,7	6 100	29 500*				72,0
74,0	41,8	127,4	10 300	29 800*	50,3	132,0	5 600	29 100				74,0
76,0	39,1	125,0	9 700	28 700*	48,0	130,3	5 000	28 000				76,0
78,0	36,2	122,3	9 000	27 600*	45,6	128,3	4 600	27 000				78,0
80,0	33,1	119,4	8 500	26 500*	43,1	126,2	4 100	26 000	51,2	129,8	21 800*	80,0
82,0	29,7	116,0	7 900	25 300*	40,5	123,9	3 700	25 000*	48,9	128,1	20 900*	82,0
84,0	25,9	112,1	7 300	24 100*	37,7	121,4	3 200	24 100*	46,6	126,2	20 100*	84,0
86,0	21,4	107,4	6 800	22 900*	34,7	118,6	2 800	23 200*	44,1	124,2	19 300*	86,0
88,0	15,8	101,2	6 300	21 500*	31,4	115,5	2 400	22 300*	41,5	122,0	18 500*	88,0
90,0					27,8	111,8	2 100	21 500*	38,8	119,5	17 700*	90,0
92,0					23,7	107,6	1 700	20 600*	35,9	116,8	17 000*	92,0
94,0					18,8	102,2	1 300	19 900*	32,7	113,8	16 400*	94,0
96,0					12,0	94,6	900	19 100*	29,3	110,4	15 700*	96,0
98,0									25,4	106,4	15 100*	98,0
100,0									20,9	101,6	14 500*	100,0
102,0									15,0	95,2	13 800*	102,0

Liftcrane Luffing Jib Capacities

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

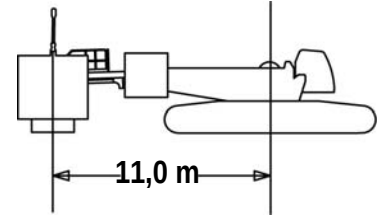
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



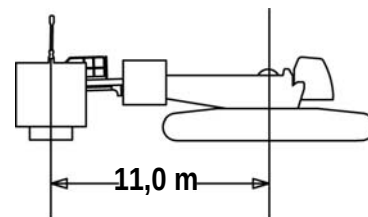
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
53,3	60,4	147,9	25 900	29 500*	53,3
54,0	59,8	147,5	25 400	29 400*	54,0
56,0	57,9	146,3	23 900	28 800*	56,0
58,0	56,0	144,9	22 500	27 900*	58,0
60,0	54,0	143,5	21 300	27 100*	60,0
62,0	52,0	142,0	20 100	26 200*	62,0
64,0	50,0	140,3	19 000	25 300*	64,0
66,0	47,8	138,5	17 900	24 500*	66,0
68,0	45,6	136,6	17 000	23 600*	68,0
70,0	43,3	134,5	16 100	22 700*	70,0
72,0	40,9	132,3	15 200	21 900*	72,0
74,0	38,4	129,8	14 400	21 100*	74,0
76,0	35,7	127,1	13 600	20 400*	76,0
78,0	32,9	124,1	12 800	19 700*	78,0
80,0	29,7	120,7	12 100	19 000*	80,0
82,0	26,3	116,8	11 400	18 400*	82,0
84,0	22,3	112,3	10 800	17 900*	84,0
86,0	17,5	106,6	10 100	17 500*	86,0
88,0	10,6	98,2	9 500	16 800*	88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	Luffing Jib Capacity Kilograms	
53,3												53,3
54,0												54,0
56,0												56,0
58,0	62,7	147,6	16 100	27 600*								58,0
60,0	60,9	146,5	15 000	27 600*								60,0
62,0	59,0	145,3	14 100	27 600*								62,0
64,0	57,1	144,1	13 200	27 600*								64,0
66,0	55,2	142,7	12 300	27 600*								66,0
68,0	53,2	141,2	11 600	27 600*								68,0
70,0	51,2	139,6	10 800	27 600*								70,0
72,0	49,1	137,9	10 100	27 600*	56,2	141,1	5 100	25 500*				72,0
74,0	46,9	136,1	9 400	27 600*	54,2	139,7	4 600	25 500*				74,0
76,0	44,7	134,1	8 800	27 100*	52,2	138,1	4 000	25 500*				76,0
78,0	42,4	131,9	8 200	26 200*	50,2	136,5	3 600	25 500*				78,0
80,0	39,9	129,6	7 600	25 300*	48,0	134,7	3 100	25 100*				80,0
82,0	37,3	127,0	7 100	24 400*	45,8	132,8	2 700	24 000*				82,0
84,0	34,6	124,2	6 500	23 400*	43,5	130,7	2 300	23 000*	51,0	134,3	18 900*	84,0
86,0	31,6	121,1	6 000	22 400*	41,2	128,5	1 900	22 200*	48,9	132,5	18 200*	86,0
88,0	28,4	117,5	5 500	21 400*	38,6	126,1	1 500	21 300*	46,7	130,7	17 400*	88,0
90,0	24,7	113,4	5 100	20 400*	36,0	123,4	1 200	20 500*	44,4	128,7	16 700*	90,0
92,0	20,5	108,4	4 600	19 300*	33,1	120,4	800	19 700*	42,1	126,5	16 000*	92,0
94,0	15,0	101,9	4 200	18 000*	30,0	117,1		18 900*	39,6	124,2	15 300*	94,0
96,0	5,6	90,2	3 600	16 500*	26,6	113,3		18 200*	37,0	121,6	14 700*	96,0
98,0					22,7	108,8		17 500*	34,3	118,7	14 000*	98,0
100,0					18,0	103,2		16 800*	31,3	115,5	13 500*	100,0
102,0					11,4	95,2		16 100*	28,0	111,9	12 900*	102,0
104,0									24,3	107,7	12 300*	104,0
106,0									19,9	102,6	11 800*	106,0
108,0									14,3	95,9	11 200*	108,0

Liftcrane Luffing Jib Capacities

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

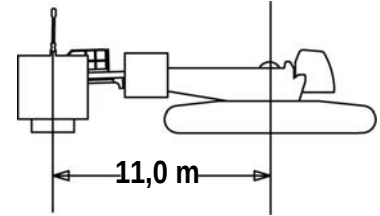
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



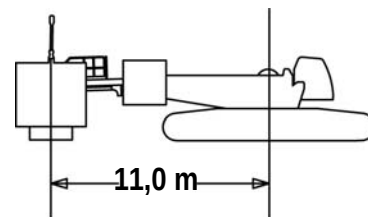
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
56,4	60,3	153,1	22 900	25 900*	56,4
58,0	58,9	152,1	21 800	25 800*	58,0
60,0	57,2	150,8	20 500	25 100*	60,0
62,0	55,4	149,5	19 400	24 400*	62,0
64,0	53,6	148,0	18 300	23 700*	64,0
66,0	51,7	146,4	17 200	23 000*	66,0
68,0	49,8	144,8	16 300	22 200*	68,0
70,0	47,9	143,0	15 300	21 500*	70,0
72,0	45,8	141,1	14 500	20 800*	72,0
74,0	43,7	139,0	13 700	20 100*	74,0
76,0	41,5	136,8	12 900	19 400*	76,0
78,0	39,2	134,4	12 100	18 700*	78,0
80,0	36,8	131,8	11 500	18 100*	80,0
82,0	34,3	128,9	10 800	17 500*	82,0
84,0	31,5	125,8	10 100	17 000*	84,0
86,0	28,5	122,2	9 600	16 400*	86,0
88,0	25,2	118,2	9 000	16 000*	88,0
90,0	21,4	113,4	8 400	15 600*	90,0
92,0	16,8	107,4	7 800	15 300*	92,0
94,0	10,2	98,7	7 300	14 400*	94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0
110,0					110,0
112,0					112,0
114,0					114,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	Luffing Jib Capacity Kilograms		
56,4													56,4
58,0													58,0
60,0													60,0
62,0	61,6	152,3	13 300	24 000*									62,0
64,0	60,0	151,1	12 400	24 000*									64,0
66,0	58,2	149,9	11 500	24 000*									66,0
68,0	56,5	148,6	10 700	24 000*									68,0
70,0	54,7	147,2	10 000	24 000*									70,0
72,0	52,8	145,7	9 300	24 000*									72,0
74,0	51,0	144,1	8 700	24 000*									74,0
76,0	49,0	142,4	8 000	24 000*	55,6	145,6	3 200	22 200*					76,0
78,0	47,0	140,6	7 400	24 000*	53,8	144,2	2 700	22 200*					78,0
80,0	45,0	138,6	6 900	24 000*	51,9	142,6	2 300	22 200*					80,0
82,0	42,8	136,5	6 300	23 600*	50,0	141,0	1 900	22 200*					82,0
84,0	40,6	134,2	5 800	22 700*	48,0	139,2	1 500	22 100*					84,0
86,0	38,3	131,7	5 300	21 900*	46,0	137,3	1 100	21 300*					86,0
88,0	35,8	129,0	4 800	21 100*	43,9	135,3	700	20 400*	50,8	138,7	16 500*		88,0
90,0	33,2	126,0	4 400	20 300*	41,7	133,1		19 600*	48,8	137,0	15 800*		90,0
92,0	30,3	122,7	3 900	19 400*	39,4	130,7		18 800*	46,8	135,2	15 000*		92,0
94,0	27,2	119,0	3 500	18 500*	37,0	128,1		18 100*	44,7	133,2	14 400*		94,0
96,0	23,7	114,7	3 100	17 600*	34,5	125,2		17 400*	42,6	131,0	13 800*		96,0
98,0	19,6	109,5	2 700	16 500*	31,8	122,1		16 700*	40,3	128,7	13 200*		98,0
100,0	14,4	102,7	2 300	15 500*	28,8	118,6		16 000*	38,0	126,2	12 600*		100,0
102,0	5,3	90,5	1 800	14 100*	25,5	114,6		15 400*	35,5	123,5	12 000*		102,0
104,0					21,8	109,9		14 800*	32,8	120,5	11 500*		104,0
106,0					17,2	104,1		14 100*	30,0	117,1	10 900*		106,0
108,0					10,9	95,7		13 500*	26,8	113,3	10 400*		108,0
110,0									23,3	108,9	10 000*		110,0
112,0									19,1	103,6	9 400*		112,0
114,0									13,7	96,6	9 000*		114,0

Liftcrane Luffing Jib Capacities

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

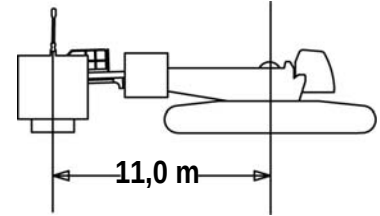
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	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	
59,4	60,3	158,2	20 000	22 400*	59,4
60,0	59,8	157,9	19 600	22 400*	60,0
62,0	58,2	156,7	18 500	22 200*	62,0
64,0	56,6	155,4	17 400	21 800*	64,0
66,0	54,9	154,0	16 300	21 200*	66,0
68,0	53,2	152,5	15 400	20 600*	68,0
70,0	51,5	150,9	14 500	20 000*	70,0
72,0	49,7	149,3	13 600	19 400*	72,0
74,0	47,9	147,5	12 800	18 800*	74,0
76,0	46,0	145,6	12 000	18 200*	76,0
78,0	44,1	143,5	11 300	17 700*	78,0
80,0	42,0	141,4	10 600	17 100*	80,0
82,0	39,9	139,0	10 000	16 600*	82,0
84,0	37,7	136,5	9 300	16 100*	84,0
86,0	35,4	133,7	8 700	15 600*	86,0
88,0	33,0	130,7	8 200	15 100*	88,0
90,0	30,3	127,4	7 600	14 600*	90,0
92,0	27,4	123,7	7 100	14 300*	92,0
94,0	24,2	119,5	6 600	13 900*	94,0
96,0	20,6	114,5	6 100	13 600*	96,0
98,0	16,1	108,3	5 500	13 100*	98,0
100,0	9,8	99,2	5 100	12 000*	100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0
110,0					110,0
112,0					112,0
114,0					114,0
116,0					116,0
118,0					118,0
120,0					120,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

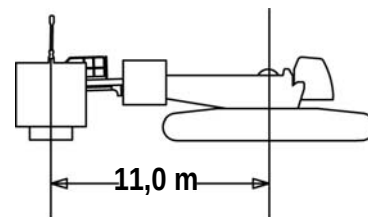
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	Luffing Jib Capacity Kilograms				
59,4 60,0 62,0 64,0 66,0	62,3 60,7	158,0 156,9	11 300 10 500	20 800* 20 800*											
68,0 70,0 72,0 74,0 76,0	59,2 57,6 55,9 54,2 52,5	155,7 154,5 153,1 151,7 150,2	9 700 9 000 8 300 7 700 7 000	20 800* 20 800* 20 800* 20 800* 20 800*											
78,0 80,0 82,0 84,0 86,0	50,8 49,0 47,1 45,2 43,2	148,6 146,9 145,0 143,1 141,0	6 400 5 900 5 300 4 900 4 400	20 800* 20 800* 20 800* 20 800* 20 700*	56,7 55,1 53,4 51,7 49,9	151,5 150,1 148,7 147,1 145,4	1 700 1 200 800	19 000* 19 000* 19 000* 19 000* 19 000*							
88,0 90,0 92,0 94,0 96,0	41,2 39,0 36,8 34,4 31,9	138,7 136,3 133,7 130,9 127,7	3 900 3 500 3 100 2 600 2 200	20 200* 19 500* 18 800* 18 000* 17 300*	48,1 46,2 44,2 42,2 40,1	143,7 141,8 139,8 137,6 135,3		19 000* 18 500* 17 800* 17 000* 16 300*	52,3 50,6 48,8 46,9	144,8 143,2 141,5 139,6	14 600* 13 900* 13 200* 12 600*				
98,0 100,0 102,0 104,0 106,0	29,2 26,2 22,8 18,9 13,9	124,3 120,4 115,8 110,4 103,4	1 900 1 500 1 100	16 500* 15 700* 14 900* 14 000* 13 000*	37,9 35,6 33,2 30,6 27,7	132,7 130,0 127,0 123,7 120,1		15 600* 15 000* 14 400* 13 800* 13 200*	45,0 43,0 41,0 38,8 36,5	137,7 135,6 133,3 130,9 128,2	12 000* 11 400* 10 900* 10 400* 9 900*				
108,0 110,0 112,0 114,0 116,0	5,1	90,7		11 700*	24,6 20,9 16,6 10,5	115,9 111,0 104,9 96,3		12 600* 12 000* 11 500* 11 000*	34,2 31,6 28,8 25,8 22,4	125,3 122,2 118,7 114,7 110,1	9 400* 8 900* 8 400* 8 000* 7 500*				
118,0 120,0									18,4 13,2	104,6 97,3	7 100* 6 700*	118,0 120,0			

Liftcrane Luffing Jib Capacities

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

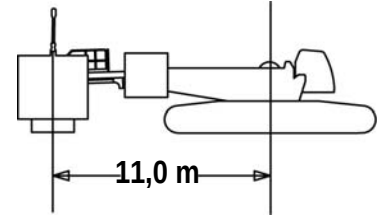
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



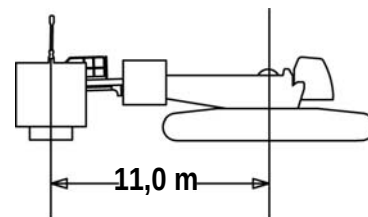
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	60,9	112,2	63 500	70 900*b	30,5
32,0	56,6	111,2	59 700	69 600*b	32,0
34,0	50,5	109,6	55 300	68 000*b	34,0
36,0	43,8	107,6	51 400	64 600*	36,0
38,0	36,0	105,1	48 000	60 600*	38,0
40,0	26,3	101,5	44 800	56 500*	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
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 11,0 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	
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	55,7	109,2	36 200	68 700 b									40,0
42,0	49,5	107,6	33 900	65 100 b									42,0
44,0	42,7	105,5	31 800	61 500*									44,0
46,0	34,7	102,8	29 800	57 700*									46,0
48,0	24,4	99,0	28 000	53 700*	54,2	106,4	21 200	56 500 b					48,0
50,0					47,9	104,6	19 900	53 700 b					50,0
52,0					40,8	102,4	18 700	51 200					52,0
54,0					32,4	99,6	17 500	48 800					54,0
56,0					21,1	95,2	16 400	46 500					56,0
58,0									45,4	100,8	10 000	40 500 b	58,0
60,0									37,9	98,4	9 300	38 800	60,0
62,0									28,8	95,1	8 600	37 100	62,0
64,0									14,6	89,6	7 800	35 500	64,0

Liftcrane Luffing Jib Capacities

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

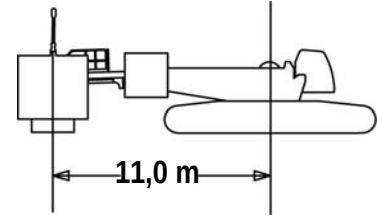
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 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	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	57,2	116,4	52 700	60 700* ^b	35,1
36,0	55,0	115,7	51 000	60 100*	36,0
38,0	50,0	114,1	47 600	58 700*	38,0
40,0	44,7	112,2	44 500	55 900*	40,0
42,0	38,8	109,8	41 700	52 900*	42,0
44,0	32,0	106,8	39 200	49 900*	44,0
46,0	23,3	102,7	36 900	46 900*	46,0
48,0					48,0
50,0					50,0
52,0					52,0
54,0					54,0
56,0					56,0
58,0					58,0
60,0					60,0
62,0					62,0
64,0					64,0
66,0					66,0
68,0					68,0
70,0					70,0

Liftcrane Luffing Jib Capacities

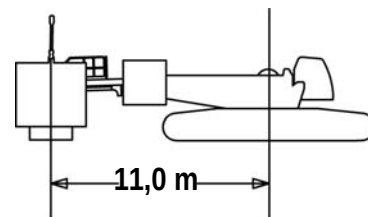
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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	58,9	115,1	33 200	60 600*b									42,0
44,0	54,2	113,7	31 200	59 000*									44,0
46,0	49,2	112,0	29 300	56 300*									46,0
48,0	43,8	110,0	27 600	53 500*									48,0
50,0	37,8	107,6	26 000	50 700*									50,0
52,0	30,8	104,5	24 500	47 800*	53,0	110,8	17 900	50 600					52,0
54,0	21,6	100,1	23 100	44 700*	47,9	109,1	16 900	48 200					54,0
56,0					42,4	107,0	15 900	46 100					56,0
58,0					36,2	104,4	14 900	44 100					58,0
60,0					28,8	101,1	14 000	42 200	51,2	107,2	8 600	38 100	60,0
62,0					18,6	96,2	13 100	40 500	46,0	105,3	7 900	36 600	62,0
64,0									40,2	103,0	7 300	35 100	64,0
66,0									33,6	100,2	6 800	33 700	66,0
68,0									25,5	96,5	6 200	32 300	68,0
70,0									12,9	90,2	5 600	31 000	70,0

Liftcrane Luffing Jib Capacities

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

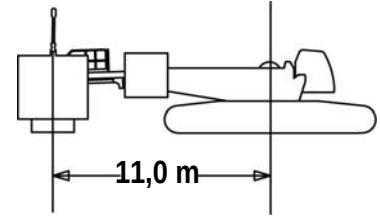
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



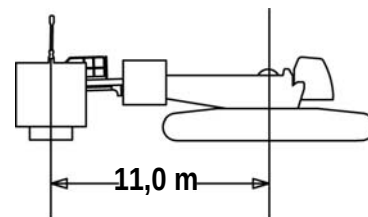
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	57,6	121,6	46 600	53 400*	38,1
40,0	53,9	120,2	43 700	52 400*	40,0
42,0	49,7	118,6	41 000	50 100*	42,0
44,0	45,3	116,7	38 500	47 700*	44,0
46,0	40,5	114,4	36 300	45 500*	46,0
48,0	35,2	111,7	34 200	43 400*	48,0
50,0	29,0	108,4	32 200	41 600*	50,0
52,0	21,1	103,8	30 400	39 600*	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 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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													44,0
46,0	57,2	119,6	28 300	53 000*									46,0
48,0	53,2	118,2	26 600	51 900*									48,0
50,0	49,1	116,5	25 100	49 500*									50,0
52,0	44,6	114,5	23 700	47 300*									52,0
54,0	39,7	112,2	22 300	45 100*	56,2	116,8	15 800	47 400					54,0
56,0	34,3	109,4	21 100	42 800*	52,2	115,3	14 800	45 300					56,0
58,0	27,9	106,0	19 900	40 500*	48,0	113,6	13 900	43 300					58,0
60,0	19,6	101,1	18 800	37 900*	43,4	111,6	13 100	41 500					60,0
62,0					38,5	109,1	12 300	39 800					62,0
64,0					32,8	106,2	11 500	38 100	50,7	111,6	6 300	34 200	64,0
66,0					26,1	102,5	10 800	36 700	46,3	109,8	5 700	32 800	66,0
68,0					16,9	97,1	10 000	35 200	41,7	107,6	5 200	31 600	68,0
70,0									36,5	105,0	4 700	30 400	70,0
72,0									30,5	101,9	4 300	29 200	72,0
74,0									23,1	97,7	3 800	28 100	74,0
76,0									11,6	90,7	3 300	26 900*	76,0

Liftcrane Luffing Jib Capacities

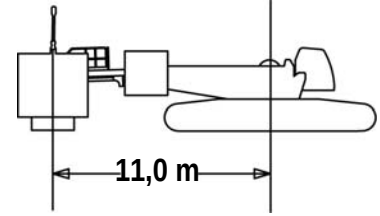
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 m Position

360 Degree Rating



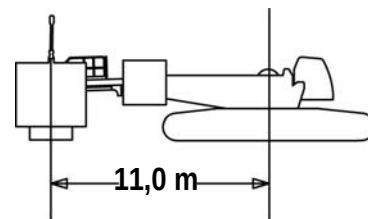
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	57,8	126,7	41 500	47 300*	41,1
42,0	56,4	126,2	40 400	46 700*	42,0
44,0	53,1	124,7	37 900	45 000*	44,0
46,0	49,5	123,0	35 700	43 000*	46,0
48,0	45,8	121,1	33 600	41 100*	48,0
50,0	41,7	119,0	31 800	39 300*	50,0
52,0	37,3	116,4	30 000	37 500*	52,0
54,0	32,4	113,5	28 400	36 000*	54,0
56,0	26,7	109,8	26 900	34 500*	56,0
58,0	19,4	104,8	25 500	33 400*	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	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	62,4	126,7	27 500	47 000*									46,0
48,0	59,2	125,5	25 900	46 900*									48,0
50,0	55,9	124,2	24 300	46 600*									50,0
52,0	52,5	122,7	23 000	45 800*									52,0
54,0	48,9	121,0	21 700	43 900*									54,0
56,0	45,1	119,0	20 500	42 200*									56,0
58,0	41,1	116,8	19 300	40 300*	55,1	121,4	13 100	42 600					58,0
60,0	36,6	114,2	18 300	38 500*	51,6	119,8	12 300	40 800					60,0
62,0	31,6	111,2	17 200	36 700*	48,0	118,1	11 500	39 100					62,0
64,0	25,7	107,3	16 300	34 700*	44,2	116,1	10 800	37 600					64,0
66,0	18,0	102,1	15 300	32 600*	40,0	113,8	10 100	36 100					66,0
68,0					35,4	111,1	9 500	34 700	50,3	116,1	4 400	30 800*	68,0
70,0					30,2	107,8	8 800	33 400	46,6	114,3	4 000	29 600*	70,0
72,0					24,0	103,7	8 200	32 100	42,7	112,2	3 500	28 400*	72,0
74,0					15,5	97,8	7 600	30 700	38,4	109,7	3 100	27 300*	74,0
76,0									33,6	106,9	2 700	26 300*	76,0
78,0									28,1	103,4	2 300	25 300*	78,0
80,0									21,3	98,8	1 900	24 300*	80,0
82,0									10,7	91,3	1 500	23 200*	82,0

Liftcrane Luffing Jib Capacities

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

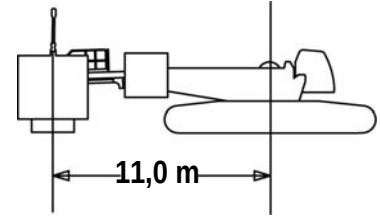
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



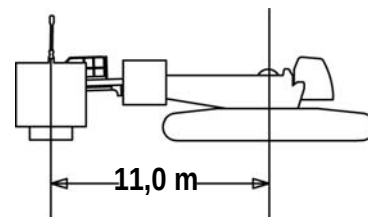
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	58,0	131,9	36 800	41 900*	44,2
46,0	55,5	130,7	34 800	40 400*	46,0
48,0	52,5	129,2	32 800	38 800*	48,0
50,0	49,3	127,5	30 900	37 100*	50,0
52,0	46,1	125,6	29 200	35 500*	52,0
54,0	42,6	123,5	27 600	34 000*	54,0
56,0	38,9	121,1	26 200	32 600*	56,0
58,0	34,8	118,3	24 800	31 200*	58,0
60,0	30,2	115,1	23 500	30 000*	60,0
62,0	24,9	111,1	22 300	29 000*	62,0
64,0	18,1	105,8	21 100	28 100*	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2													44,2
46,0													46,0
48,0													48,0
50,0	60,7	131,3	23 300	41 300*									50,0
52,0	57,9	130,1	21 900	41 300*									52,0
54,0	55,0	128,7	20 600	41 100*									54,0
56,0	52,0	127,1	19 500	40 500*									56,0
58,0	48,8	125,4	18 400	39 000*									58,0
60,0	45,5	123,5	17 300	37 500*	57,2	127,3	11 200	39 100					60,0
62,0	42,0	121,4	16 400	36 000*	54,3	125,9	10 400	38 400					62,0
64,0	38,3	118,9	15 500	34 500*	51,2	124,3	9 800	36 700					64,0
66,0	34,1	116,1	14 600	33 000*	48,0	122,5	9 100	35 200					66,0
68,0	29,5	112,7	13 800	31 400*	44,7	120,6	8 500	33 900					68,0
70,0	24,0	108,6	13 000	29 700*	41,1	118,3	7 900	32 600					70,0
72,0	16,8	102,9	12 200	27 900*	37,3	115,8	7 300	31 300	50,1	120,6	2 400	27 200*	72,0
74,0					33,0	112,8	6 800	30 200	46,8	118,7	2 000	26 100*	74,0
76,0					28,2	109,3	6 200	29 100	43,4	116,7	1 700	25 100*	76,0
78,0					22,4	104,9	5 700	28 000	39,7	114,3	1 300	24 100*	78,0
80,0					14,4	98,6	5 200	26 500*	35,7	111,7	900	23 200*	80,0
82,0									31,3	108,5		22 300*	82,0
84,0									26,2	104,7		21 400*	84,0
86,0									19,8	99,8		20 600*	86,0
88,0									9,9	91,7		19 700*	88,0

Liftcrane Luffing Jib Capacities

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

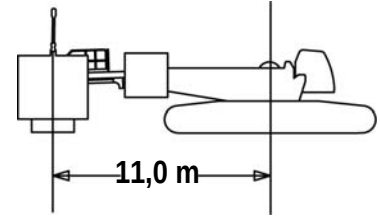
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



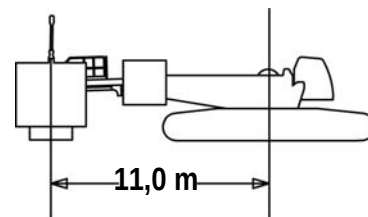
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
47,2	58,2	137,1	32 800	36 900*	47,2
48,0	57,3	136,6	32 100	36 400*	48,0
50,0	54,7	135,2	30 200	35 000*	50,0
52,0	52,0	133,7	28 600	33 700*	52,0
54,0	49,2	132,0	27 000	32 400*	54,0
56,0	46,3	130,1	25 500	31 000*	56,0
58,0	43,3	128,0	24 200	29 800*	58,0
60,0	40,0	125,7	22 900	28 500*	60,0
62,0	36,5	123,1	21 700	27 400*	62,0
64,0	32,7	120,1	20 600	26 400*	64,0
66,0	28,4	116,6	19 600	25 400*	66,0
68,0	23,4	112,3	18 600	24 600*	68,0
70,0	17,0	106,6	17 600	24 000*	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2													47,2
48,0													48,0
50,0													50,0
52,0	61,8	137,1	21 100	36 400*									52,0
54,0	59,4	135,9	19 800	36 400*									54,0
56,0	56,9	134,6	18 700	36 400*									56,0
58,0	54,3	133,2	17 600	36 300*									58,0
60,0	51,6	131,6	16 500	36 000*									60,0
62,0	48,8	129,9	15 600	34 800*									62,0
64,0	45,8	128,0	14 700	33 600*	56,2	131,8	8 900	34 500*					64,0
66,0	42,8	125,9	13 900	32 300*	53,6	130,4	8 200	34 300					66,0
68,0	39,5	123,5	13 100	31 000*	50,9	128,8	7 700	33 300					68,0
70,0	35,9	120,9	12 300	29 800*	48,1	127,0	7 100	31 900					70,0
72,0	32,1	117,8	11 600	28 500*	45,1	125,1	6 500	30 700					72,0
74,0	27,7	114,2	10 900	27 100*	42,0	122,9	6 000	29 600					74,0
76,0	22,5	109,8	10 300	25 700*	38,6	120,5	5 500	28 500	49,9	125,0	800	24 200*	76,0
78,0	15,8	103,7	9 600	24 100*	35,0	117,7	5 100	27 500	47,0	123,2		23 200*	78,0
80,0					31,0	114,5	4 600	26 500	44,0	121,2		22 300*	80,0
82,0					26,5	110,7	4 100	25 600	40,8	118,9		21 400*	82,0
84,0					21,1	106,0	3 700	24 500*	37,3	116,4		20 600*	84,0
86,0					13,6	99,3	3 200	22 800*	33,6	113,5		19 800*	86,0
88,0									29,4	110,1		19 000*	88,0
90,0									24,6	106,1		18 300*	90,0
92,0									18,6	100,8		17 600*	92,0
94,0									9,3	92,2		16 800*	94,0

Liftcrane Luffing Jib Capacities

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

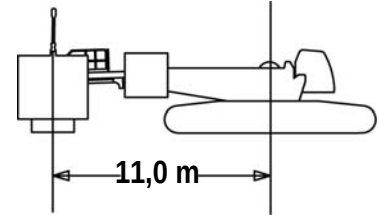
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



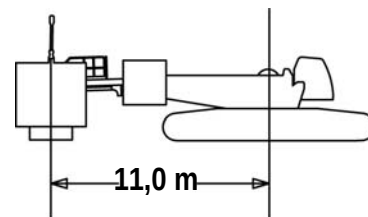
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
50,3	58,3	142,2	29 100	32 500*	50,3
52,0	56,4	141,1	27 700	31 600*	52,0
54,0	54,0	139,7	26 100	30 400*	54,0
56,0	51,6	138,1	24 700	29 300*	56,0
58,0	49,1	136,4	23 300	28 200*	58,0
60,0	46,5	134,6	22 100	27 100*	60,0
62,0	43,8	132,5	20 900	26 100*	62,0
64,0	40,9	130,3	19 800	25 000*	64,0
66,0	37,8	127,8	18 800	24 100*	66,0
68,0	34,5	125,0	17 800	23 200*	68,0
70,0	30,9	121,8	16 900	22 400*	70,0
72,0	26,9	118,0	16 000	21 600*	72,0
74,0	22,1	113,5	15 100	21 000*	74,0
76,0	16,1	107,5	14 400	20 500*	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 11,0 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	Luffing Jib Capacity Kilograms		
50,3													50,3
52,0													52,0
54,0													54,0
56,0	60,6	141,7	17 600	32 000*									56,0
58,0	58,3	140,5	16 600	32 000*									58,0
60,0	56,0	139,1	15 600	32 000*									60,0
62,0	53,7	137,7	14 600	32 000*									62,0
64,0	51,2	136,1	13 700	31 900*									64,0
66,0	48,7	134,4	12 900	31 000*									66,0
68,0	46,1	132,5	12 100	29 900*	55,4	136,3	6 500	30 100*					68,0
70,0	43,3	130,4	11 400	28 900*	53,1	134,9	6 000	30 100*					70,0
72,0	40,4	128,1	10 700	27 800*	50,6	133,2	5 500	29 900					72,0
74,0	37,3	125,6	10 100	26 700*	48,1	131,5	5 000	28 700					74,0
76,0	34,0	122,7	9 400	25 600*	45,4	129,5	4 500	27 700					76,0
78,0	30,3	119,4	8 800	24 400*	42,6	127,4	4 000	26 600*	52,2	131,2	22 000*		78,0
80,0	26,2	115,6	8 300	23 300*	39,7	125,1	3 600	25 600*	49,7	129,5	21 100*		80,0
82,0	21,3	110,9	7 700	22 000*	36,5	122,4	3 200	24 600*	47,1	127,7	20 300*		82,0
84,0	14,9	104,5	7 100	20 700*	33,1	119,5	2 800	23 700*	44,4	125,7	19 400*		84,0
86,0					29,4	116,1	2 400	22 800*	41,6	123,5	18 700*		86,0
88,0					25,1	112,1	2 000	22 000*	38,5	121,0	17 900*		88,0
90,0					19,9	107,1	1 700	21 000*	35,3	118,3	17 200*		90,0
92,0					12,8	99,9	1 200	19 600*	31,8	115,2	16 500*		92,0
94,0									27,8	111,6	15 800*		94,0
96,0									23,3	107,3	15 200*		96,0
98,0									17,6	101,7	14 600*		98,0

Liftcrane Luffing Jib Capacities

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

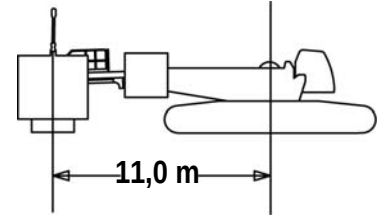
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



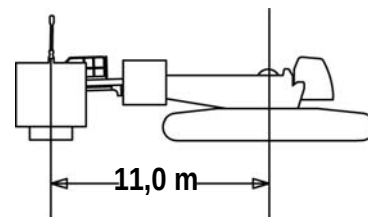
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
54,9	56,9	146,4	24 600	27 900*	54,9
56,0	55,7	145,7	23 800	27 400*	56,0
58,0	53,5	144,2	22 400	26 500*	58,0
60,0	51,3	142,6	21 200	25 500*	60,0
62,0	49,0	140,9	20 000	24 700*	62,0
64,0	46,7	139,1	19 000	23 800*	64,0
66,0	44,2	137,0	17 900	22 900*	66,0
68,0	41,6	134,8	17 000	22 100*	68,0
70,0	38,9	132,4	16 100	21 300*	70,0
72,0	36,0	129,7	15 200	20 500*	72,0
74,0	32,9	126,7	14 400	19 800*	74,0
76,0	29,4	123,3	13 600	19 200*	76,0
78,0	25,6	119,4	12 900	18 600*	78,0
80,0	21,1	114,6	12 200	18 100*	80,0
82,0	15,3	108,2	11 400	17 700*	82,0
84,0					84,0
86,0					86,0
88,0					88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 142 360 kg Hanging Counterweight
 at 11,0 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	Luffing Jib Capacity Kilograms		
54,9													54,9
56,0													56,0
58,0	61,5	147,4	15 600	27 800*									58,0
60,0	59,5	146,3	14 600	27 800*									60,0
62,0	57,4	145,0	13 600	27 800*									62,0
64,0	55,3	143,6	12 800	27 800*									64,0
66,0	53,2	142,2	12 000	27 800*									66,0
68,0	51,0	140,6	11 200	27 700*									68,0
70,0	48,7	138,9	10 500	27 000*									70,0
72,0	46,3	137,0	9 800	26 000*	54,8	140,9	4 400	26 000*					72,0
74,0	43,8	134,9	9 200	25 200*	52,6	139,3	4 000	26 000*					74,0
76,0	41,2	132,7	8 500	24 200*	50,4	137,7	3 500	26 000*					76,0
78,0	38,4	130,2	7 900	23 300*	48,1	135,9	3 000	25 600*					78,0
80,0	35,5	127,5	7 400	22 400*	45,7	134,0	2 600	24 500*					80,0
82,0	32,3	124,5	6 800	21 500*	43,2	131,9	2 200	23 600*					82,0
84,0	28,9	121,0	6 300	20 500*	40,5	129,6	1 800	22 700*	49,6	134,0	18 300*		84,0
86,0	24,9	116,9	5 800	19 400*	37,7	127,1	1 500	21 800*	47,2	132,2	17 500*		86,0
88,0	20,3	111,9	5 400	18 400*	34,7	124,3	1 100	21 000*	44,8	130,2	16 800*		88,0
90,0	14,2	105,2	4 800	17 200*	31,5	121,2		20 100*	42,2	128,0	16 100*		90,0
92,0					27,9	117,6		19 400*	39,5	125,7	15 500*		92,0
94,0					23,9	113,3		18 500*	36,7	123,0	14 800*		94,0
96,0					18,9	108,1		17 400*	33,6	120,1	14 200*		96,0
98,0					12,2	100,5		16 200*	30,2	116,8	13 600*		98,0
100,0									26,5	113,0	13 000*		100,0
102,0									22,2	108,4	12 500*		102,0
104,0									16,8	102,6	11 900*		104,0

Liftcrane Luffing Jib Capacities

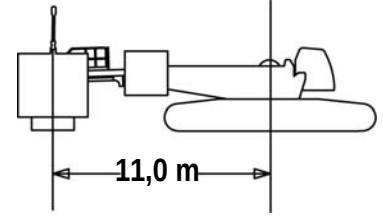
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 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	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	57,1	151,6	21 600	24 600*	57,9
58,0	57,0	151,6	21 600	24 500*	58,0
60,0	55,1	150,2	20 300	23 800*	60,0
62,0	53,1	148,7	19 200	23 000*	62,0
64,0	51,1	147,1	18 100	22 300*	64,0
66,0	49,0	145,4	17 100	21 600*	66,0
68,0	46,8	143,5	16 200	20 800*	68,0
70,0	44,5	141,5	15 300	20 100*	70,0
72,0	42,2	139,4	14 400	19 400*	72,0
74,0	39,7	137,0	13 600	18 800*	74,0
76,0	37,1	134,4	12 900	18 100*	76,0
78,0	34,4	131,6	12 100	17 500*	78,0
80,0	31,4	128,4	11 400	17 000*	80,0
82,0	28,1	124,8	10 800	16 400*	82,0
84,0	24,4	120,7	10 100	16 000*	84,0
86,0	20,1	115,6	9 500	15 600*	86,0
88,0	14,6	109,0	8 900	15 100*	88,0
90,0					90,0
92,0					92,0
94,0					94,0
96,0					96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0
110,0					110,0

Liftcrane Luffing Jib Capacities

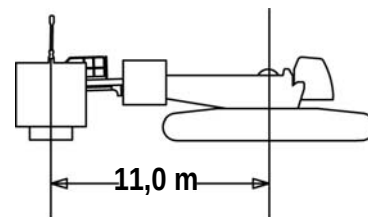
Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A

150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight
at 11,0 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	Luffing Jib Capacity Kilograms	
57,9												57,9
58,0												58,0
60,0	62,3	153,2	13 600	24 400*								60,0
62,0	60,5	152,1	12 600	24 400*								62,0
64,0	58,6	150,9	11 800	24 400*								64,0
66,0	56,7	149,6	11 000	24 400*								66,0
68,0	54,8	148,2	10 200	24 400*								68,0
70,0	52,8	146,7	9 500	24 400*								70,0
72,0	50,7	145,1	8 900	24 300*								72,0
74,0	48,6	143,3	8 200	24 000*	56,2	146,8	2 900	22 700*				74,0
76,0	46,4	141,4	7 600	23 200*	54,3	145,4	2 400	22 700*				76,0
78,0	44,2	139,4	7 000	22 400*	52,3	143,8	2 000	22 700*				78,0
80,0	41,8	137,2	6 500	21 600*	50,2	142,2	1 600	22 700*				80,0
82,0	39,3	134,9	6 000	20 800*	48,1	140,4	1 200	22 400*				82,0
84,0	36,7	132,2	5 500	20 000*	45,9	138,5	900	21 600*				84,0
86,0	33,9	129,3	5 000	19 200*	43,6	136,4		20 800*	51,5	140,1	16 400*	86,0
88,0	30,9	126,1	4 500	18 300*	41,2	134,2		19 900*	49,4	138,5	15 700*	88,0
90,0	27,6	122,4	4 100	17 500*	38,7	131,8		19 100*	47,3	136,6	15 000*	90,0
92,0	23,8	118,2	3 700	16 600*	36,0	129,1		18 400*	45,1	134,7	14 300*	92,0
94,0	19,4	113,0	3 200	15 600*	33,2	126,1		17 700*	42,7	132,6	13 700*	94,0
96,0	13,5	105,9	2 800	14 600*	30,1	122,8		17 000*	40,3	130,2	13 100*	96,0
98,0					26,7	119,0		16 300*	37,7	127,7	12 500*	98,0
100,0					22,8	114,5		15 700*	35,0	124,9	12 000*	100,0
102,0					18,1	109,0		14 800*	32,1	121,8	11 400*	102,0
104,0					11,6	101,1		13 600*	28,9	118,4	10 900*	104,0
106,0									25,3	114,3	10 400*	106,0
108,0									21,2	109,6	9 900*	108,0
110,0									16,0	103,4	9 400*	110,0

Liftcrane Luffing Jib Capacities

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

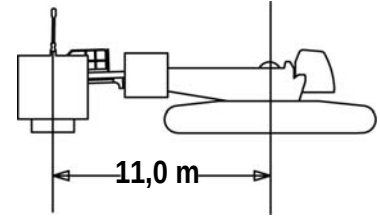
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



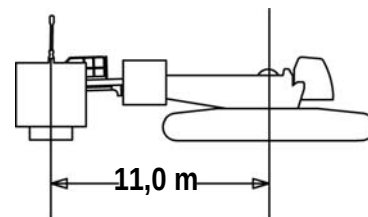
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
61,0	57,3	156,8	19 000	21 700*	61,0
62,0	56,4	156,1	18 500	21 400*	62,0
64,0	54,6	154,7	17 400	20 700*	64,0
66,0	52,7	153,2	16 400	20 100*	66,0
68,0	50,8	151,6	15 400	19 500*	68,0
70,0	48,9	149,9	14 600	18 900*	70,0
72,0	46,9	148,0	13 700	18 300*	72,0
74,0	44,8	146,0	12 900	17 700*	74,0
76,0	42,7	143,9	12 200	17 100*	76,0
78,0	40,4	141,6	11 500	16 600*	78,0
80,0	38,1	139,1	10 800	16 000*	80,0
82,0	35,6	136,4	10 100	15 500*	82,0
84,0	33,0	133,4	9 500	15 000*	84,0
86,0	30,1	130,1	8 900	14 600*	86,0
88,0	27,0	126,3	8 400	14 200*	88,0
90,0	23,5	121,9	7 800	13 900*	90,0
92,0	19,3	116,7	7 200	13 500*	92,0
94,0	14,0	109,7	6 700	12 800*	94,0
96,0	3,9	96,2	6 100	11 600*	96,0
98,0					98,0
100,0					100,0
102,0					102,0
104,0					104,0
106,0					106,0
108,0					108,0
110,0					110,0
112,0					112,0
114,0					114,0
116,0					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 11,0 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	Luffing Jib Capacity Kilograms	
61,0												61,0
62,0												62,0
64,0	61,3	157,8	10 900	21 300*								64,0
66,0	59,6	156,7	10 200	21 300*								66,0
68,0	57,8	155,4	9 400	21 300*								68,0
70,0	56,1	154,1	8 700	21 300*								70,0
72,0	54,3	152,7	8 000	21 300*								72,0
74,0	52,4	151,2	7 400	21 300*								74,0
76,0	50,5	149,5	6 800	21 300*								76,0
78,0	48,6	147,8	6 300	21 200*	55,6	151,3	1 200	19 700*				78,0
80,0	46,6	145,9	5 700	20 600*	53,8	149,9	800	19 700*				80,0
82,0	44,5	143,9	5 200	20 000*	52,0	148,3		19 700*				82,0
84,0	42,3	141,8	4 700	19 300*	50,1	146,7		19 700*				84,0
86,0	40,1	139,4	4 300	18 500*	48,1	144,9		19 600*				86,0
88,0	37,7	136,9	3 800	17 900*	46,1	143,0		19 100*				88,0
90,0	35,2	134,1	3 400	17 200*	44,0	141,0		18 200*	51,3	144,6	14 000*	90,0
92,0	32,5	131,1	3 000	16 400*	41,8	138,8		17 500*	49,3	142,9	13 400*	92,0
94,0	29,6	127,7	2 600	15 700*	39,5	136,4		16 800*	47,4	141,1	12 800*	94,0
96,0	26,5	123,9	2 200	14 900*	37,1	133,8		16 100*	45,3	139,2	12 200*	96,0
98,0	22,9	119,4	1 800	14 100*	34,6	131,0		15 400*	43,2	137,1	11 600*	98,0
100,0	18,6	113,9	1 400	13 200*	31,8	127,8		14 800*	41,0	134,8	11 100*	100,0
102,0	13,0	106,6	1 100	12 300*	28,9	124,3		14 200*	38,6	132,4	10 500*	102,0
104,0					25,6	120,4		13 600*	36,2	129,7	10 000*	104,0
106,0					21,9	115,7		13 000*	33,6	126,8	9 500*	106,0
108,0					17,4	109,9		12 400*	30,8	123,5	9 000*	108,0
110,0					11,2	101,7		11 500*	27,7	119,8	8 600*	110,0
112,0									24,3	115,6	8 100*	112,0
114,0									20,3	110,6	7 700*	114,0
116,0									15,4	104,2	7 200*	116,0

Liftcrane Luffing Jib Capacities

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

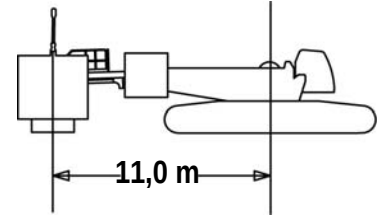
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

142 360 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



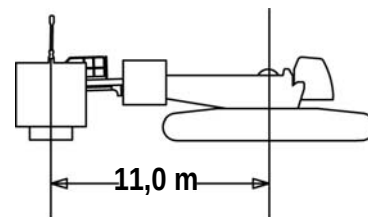
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
62,5	58,7	162,9	17 300	19 300*	62,5
64,0	57,4	162,0	16 500	19 000*	64,0
66,0	55,8	160,6	15 500	18 500*	66,0
68,0	54,1	159,2	14 500	18 000*	68,0
70,0	52,4	157,7	13 600	17 500*	70,0
72,0	50,7	156,1	12 800	17 000*	72,0
74,0	48,8	154,3	12 100	16 500*	74,0
76,0	47,0	152,5	11 300	16 000*	76,0
78,0	45,1	150,5	10 600	15 400*	78,0
80,0	43,1	148,4	9 900	15 000*	80,0
82,0	41,0	146,2	9 300	14 500*	82,0
84,0	38,9	143,7	8 600	14 100*	84,0
86,0	36,6	141,1	8 100	13 600*	86,0
88,0	34,3	138,2	7 500	13 300*	88,0
90,0	31,7	135,1	7 000	12 900*	90,0
92,0	29,0	131,6	6 500	12 500*	92,0
94,0	26,0	127,7	6 000	12 200*	94,0
96,0	22,6	123,1	5 500	12 000*	96,0
98,0	18,6	117,6	5 000	11 300*	98,0
100,0	13,5	110,4	4 500	10 500*	100,0
102,0	3,8	96,3	4 000	9 500*	102,0
104,0					104,0
106,0					106,0
108,0					108,0
110,0					110,0
112,0					112,0
114,0					114,0
116,0					116,0
118,0					118,0
120,0					120,0
122,0					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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle				
	Jib Oper. Rad. Meters	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters		Luffing Jib Capacity Kilograms
62,5												62,5
64,0												64,0
66,0	62,0	163,6	9 100	18 500*								66,0
68,0	60,4	162,5	8 400	18 500*								68,0
70,0	58,8	161,3	7 700	18 500*								70,0
72,0	57,2	160,0	7 000	18 500*								72,0
74,0	55,5	158,6	6 400	18 500*								74,0
76,0	53,9	157,2	5 800	18 500*								76,0
78,0	52,1	155,6	5 300	18 500*								78,0
80,0	50,4	154,0	4 700	18 500*	56,8	157,2	17 000*					80,0
82,0	48,6	152,3	4 200	18 500*	55,1	155,8	17 000*					82,0
84,0	46,7	150,4	3 800	18 100*	53,4	154,4	17 000*					84,0
86,0	44,8	148,4	3 300	17 500*	51,7	152,8	17 000*					86,0
88,0	42,8	146,3	2 900	16 900*	49,9	151,1	17 000*					88,0
90,0	40,7	144,0	2 500	16 300*	48,1	149,4	16 900*					90,0
92,0	38,6	141,6	2 100	15 700*	46,2	147,5	16 400*					92,0
94,0	36,3	138,9	1 700	15 100*	44,3	145,4	15 700*	51,0	149,1	11 600*		94,0
96,0	33,9	136,0	1 300	14 500*	42,3	143,3	15 000*	49,3	147,4	11 000*		96,0
98,0	31,3	132,8	1 000	13 800*	40,2	141,0	14 400*	47,4	145,6	10 400*		98,0
100,0	28,5	129,2		13 100*	38,0	138,5	13 800*	45,5	143,6	9 900*		100,0
102,0	25,5	125,2		12 400*	35,7	135,7	13 100*	43,6	141,6	9 400*		102,0
104,0	22,0	120,5		11 700*	33,2	132,8	12 600*	41,5	139,4	8 900*		104,0
106,0	17,9	114,9		10 900*	30,6	129,5	12 000*	39,4	137,0	8 400*		106,0
108,0	12,5	107,2		10 000*	27,8	125,8	11 500*	37,2	134,4	7 900*		108,0
110,0					24,6	121,7	10 900*	34,8	131,6	7 500*		110,0
112,0					21,0	116,8	10 400*	32,3	128,5	7 100*		112,0
114,0					16,7	110,8	9 900*	29,6	125,1	6 600*		114,0
116,0								26,7	121,3	6 200*		116,0
118,0								23,4	116,9	5 800*		118,0
120,0								19,6	111,6	5 400*		120,0
122,0								14,8	104,9	5 000*		122,0