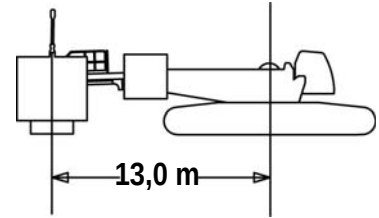


Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A
150 590 kg Crane Counterweight
54 430 kg Carbody Counterweight
62 530 kg Hanging Counterweight
at 13,0 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

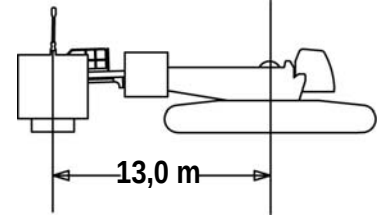
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



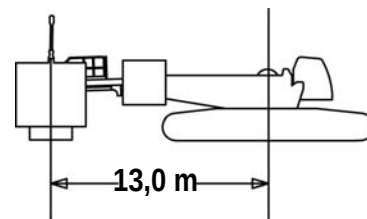
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
13,7	71,6	67,5	134 300	185 400*c									13,7
14,0	70,9	67,4	131 200	181 700*c									14,0
16,0	65,7	66,5	110 700	156 700*b									16,0
18,0	60,2	65,4	95 700	137 600*b	66,2	66,3	91 200	177 100*b					18,0
20,0	54,4	64,0	84 000	123 400*	60,8	65,3	79 900	159 300*b	66,7	66,1	75 800	160 700*b	20,0
22,0	48,1	62,3	74 600	112 300*	55,0	63,9	71 000	140 700*	61,3	65,0	67 300	144 400*b	22,0
24,0	41,1	60,2	66 900	103 800*	48,8	62,2	63 700	126 900*	55,6	63,7	60 300	129 300	24,0
26,0	32,8	57,3	60 500	97 400*	41,9	60,1	57 500	116 200*	49,4	62,0	54 500	117 100	26,0
28,0	21,6	53,1	54 800	89 800*	33,7	57,4	52 300	107 900*	42,6	60,0	49 600	106 900	28,0
30,0					23,0	53,4	47 700	97 000*	34,6	57,3	45 300	98 200	30,0
32,0									24,3	53,5	41 500	90 600	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
13,7													13,7
14,0													14,0
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0	60,2	63,9	49 500	113 000b									26,0
28,0	54,4	62,5	45 000	103 100									28,0
30,0	48,1	60,8	41 100	94 700									30,0
32,0	41,1	58,6	37 700	87 500	52,9	60,9	33 800	84 400					32,0
34,0	32,8	55,8	34 700	81 200	46,5	59,1	31 100	78 300					34,0
36,0	21,6	51,5	31 900	75 600	39,2	56,8	28 700	73 000					36,0
38,0					30,4	53,7	26 500	68 300	44,4	57,0	23 400	65 800	38,0
40,0									36,7	54,5	21 700	61 800	40,0
42,0									27,2	51,0	20 000	58 100	42,0
44,0									11,1	44,6	18 300	54 600	44,0

Liftcrane Luffing Jib Capacities

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

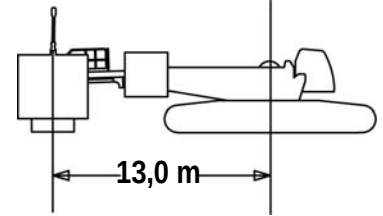
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



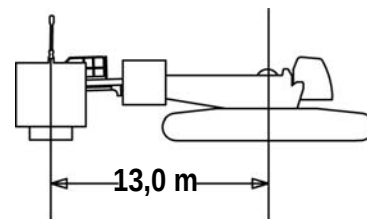
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
15,2	72,3	73,3	117 800	164 200* ^b									15,2
16,0	70,8	73,0	111 200	157 200* ^b									16,0
18,0	66,7	72,2	95 700	138 500* ^b									18,0
20,0	62,4	71,2	84 000	122 900*	67,1	72,0	79 700	156 100* ^b					20,0
22,0	57,9	70,0	74 600	110 900*	62,8	71,0	70 800	146 700*					22,0
24,0	53,2	68,5	67 000	101 500*	58,4	69,8	63 500	129 100*	63,3	70,8	60 100	129 100	24,0
26,0	48,1	66,8	60 600	93 800*	53,7	68,4	57 400	116 800*	58,8	69,6	54 200	116 800	26,0
28,0	42,6	64,7	55 100	87 700*	48,7	66,7	52 300	107 000*	54,2	68,2	49 300	106 600	28,0
30,0	36,4	62,2	50 500	82 800*	43,2	64,7	47 800	99 200*	49,2	66,5	45 100	97 900	30,0
32,0	29,1	58,8	46 400	79 200*	37,1	62,2	44 000	91 800*	43,8	64,5	41 500	90 500	32,0
34,0	19,1	54,0	42 600	71 900*	29,9	59,0	40 500	83 700*	37,7	62,1	38 300	84 000	34,0
36,0					20,4	54,4	37 400	74 700*	30,7	59,0	35 400	78 300	36,0
38,0									21,5	54,6	32 700	73 200	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
15,2													15,2
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0	57,9	68,4	40 700	94 400									30,0
32,0	53,2	67,0	37 300	87 100									32,0
34,0	48,1	65,3	34 400	80 900	56,8	66,9	30 600	77 900					34,0
36,0	42,6	63,2	31 800	75 500	52,0	65,4	28 300	72 600					36,0
38,0	36,4	60,6	29 500	70 600	46,8	63,6	26 100	67 900					38,0
40,0	29,1	57,3	27 400	66 300	41,2	61,4	24 200	63 800	50,5	63,4	21 200	61 400	40,0
42,0	19,1	52,5	25 400	62 300	34,8	58,7	22 500	60 000	45,2	61,5	19 600	57 700	42,0
44,0					27,0	55,2	20 900	56 600	39,3	59,2	18 200	54 500	44,0
46,0									32,6	56,3	16 900	51 500	46,0
48,0									24,1	52,3	15 700	48 800	48,0
50,0									9,7	45,0	14 300	46 200	50,0

Liftcrane Luffing Jib Capacities

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

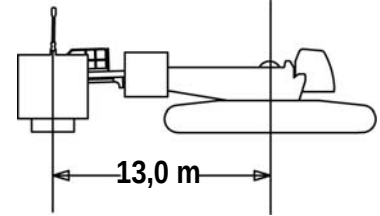
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



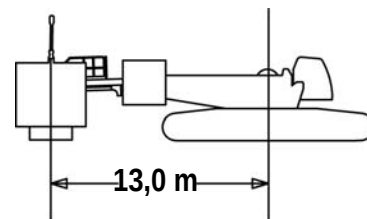
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16,8	72,8	79,1	104 400	145 600*									16,8
18,0	70,8	78,7	95 600	139 700*									18,0
20,0	67,3	77,9	83 700	124 200*									20,0
22,0	63,8	76,9	74 300	111 300*	67,7	77,7	70 400	138 100*					22,0
24,0	60,1	75,8	66 600	101 200*	64,2	76,8	63 000	130 800					24,0
26,0	56,3	74,5	60 200	93 000*	60,5	75,7	56 900	118 900	64,5	76,5	53 600	116 100	26,0
28,0	52,4	73,0	54 800	86 200*	56,8	74,4	51 700	108 400	60,9	75,4	48 700	106 000	28,0
30,0	48,2	71,3	50 100	80 600*	52,8	72,9	47 300	99 600	57,1	74,1	44 500	97 300	30,0
32,0	43,6	69,2	46 100	75 900*	48,6	71,2	43 500	92 000	53,2	72,7	40 900	90 000	32,0
34,0	38,7	66,8	42 600	72 200*	44,1	69,2	40 100	84 800*	49,0	71,0	37 700	83 500	34,0
36,0	33,0	63,9	39 400	69 100*	39,2	66,8	37 100	77 900*	44,6	69,0	34 900	77 900	36,0
38,0	26,4	60,2	36 600	65 800*	33,7	64,0	34 500	71 900*	39,7	66,7	32 400	72 900	38,0
40,0	17,3	54,9	33 900	56 900*	27,1	60,4	32 100	66 500*	34,2	63,9	30 100	68 400	40,0
42,0					18,5	55,3	29 800	59 900*	27,8	60,4	28 000	64 400	42,0
44,0									19,5	55,6	26 100	60 700	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
 62 530 kg Hanging Counterweight
 at 13,0 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.	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	
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	60,1	74,3	36 600	86 500									32,0
34,0	56,3	73,0	33 700	80 300									34,0
36,0	52,4	71,5	31 100	74 800									36,0
38,0	48,1	69,7	28 800	70 000									38,0
40,0	43,6	67,7	26 800	65 800	51,4	69,9	23 500	63 100					40,0
42,0	38,7	65,3	24 900	61 900	47,1	68,1	21 800	59 400					42,0
44,0	33,0	62,4	23 200	58 400	42,4	66,0	20 300	56 100	50,1	67,9	17 400	53 800	44,0
46,0	26,4	58,7	21 600	55 200	37,3	63,5	18 900	53 100	45,7	66,0	16 100	50 900	46,0
48,0	17,3	53,4	20 100	52 300	31,5	60,4	17 600	50 300	41,0	63,8	15 000	48 200	48,0
50,0					24,5	56,4	16 400	47 700	35,7	61,1	13 900	45 800	50,0
52,0									29,6	57,8	12 900	43 500	52,0
54,0									21,9	53,4	11 900	41 400	54,0

Liftcrane Luffing Jib Capacities

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

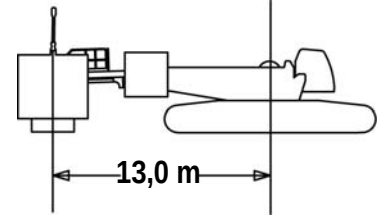
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



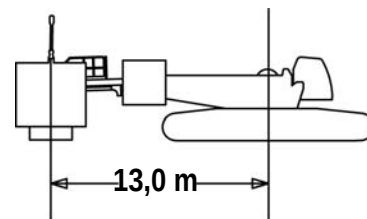
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	73,2	84,9	93 400	129 500*									18,3
20,0	70,7	84,3	83 400	125 100*									20,0
22,0	67,8	83,6	74 000	113 600*									22,0
24,0	64,8	82,6	66 300	102 200*	68,1	83,4	62 600	122 700*					24,0
26,0	61,7	81,6	59 900	93 400*	65,1	82,5	56 500	118 500					26,0
28,0	58,5	80,4	54 400	86 100*	62,0	81,4	51 300	108 000	65,4	82,2	48 200	105 600	28,0
30,0	55,2	79,0	49 800	80 000*	58,9	80,2	46 900	99 200	62,3	81,2	44 000	96 900	30,0
32,0	51,8	77,5	45 800	74 900*	55,6	78,9	43 100	91 600	59,2	80,0	40 400	89 500	32,0
34,0	48,2	75,7	42 200	70 700*	52,1	77,4	39 700	85 000	55,9	78,7	37 200	83 100	34,0
36,0	44,3	73,7	39 100	67 000*	48,5	75,7	36 800	78 400*	52,5	77,2	34 400	77 400	36,0
38,0	40,2	71,4	36 300	64 000*	44,7	73,7	34 100	72 300*	48,9	75,5	31 900	72 400	38,0
40,0	35,6	68,8	33 800	61 100*	40,6	71,4	31 800	67 000*	45,1	73,5	29 700	68 000	40,0
42,0	30,5	65,6	31 600	56 700*	36,1	68,8	29 600	62 400*	41,0	71,3	27 700	64 000	42,0
44,0	24,3	61,5	29 500	53 100*	31,0	65,7	27 700	58 200*	36,6	68,7	25 800	60 400	44,0
46,0	15,9	55,7	27 500	46 600*	25,0	61,7	25 800	54 300*	31,5	65,6	24 100	57 200	46,0
48,0					17,0	56,2	24 100	49 200*	25,6	61,8	22 500	54 200	48,0
50,0									17,9	56,5	21 100	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
 62 530 kg Hanging Counterweight
 at 13,0 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.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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													30,0
32,0													32,0
34,0	61,7	80,1	33 100	79 800									34,0
36,0	58,5	78,9	30 500	74 300									36,0
38,0	55,2	77,5	28 200	69 500									38,0
40,0	51,8	76,0	26 200	65 300									40,0
42,0	48,2	74,2	24 400	61 400	54,4	75,9	21 200	58 900					42,0
44,0	44,3	72,2	22 700	58 000	50,9	74,4	19 600	55 600					44,0
46,0	40,2	69,9	21 200	54 900	47,2	72,6	18 300	52 600					46,0
48,0	35,6	67,3	19 800	52 000	43,3	70,5	17 000	49 800	49,8	72,3	14 300	47 700	48,0
50,0	30,5	64,1	18 500	49 400	39,1	68,1	15 800	47 300	46,1	70,5	13 300	45 300	50,0
52,0	24,3	60,0	17 300	47 000	34,4	65,3	14 800	45 000	42,1	68,3	12 300	43 000	52,0
54,0	15,9	54,2	16 100	44 700	29,1	62,0	13 800	42 800	37,7	65,8	11 400	41 000	54,0
56,0					22,5	57,6	12 800	40 800	32,9	62,9	10 600	39 100	56,0
58,0									27,2	59,3	9 800	37 300	58,0
60,0									20,1	54,5	9 000	35 600	60,0

Liftcrane Luffing Jib Capacities

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

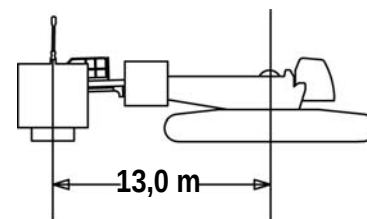
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



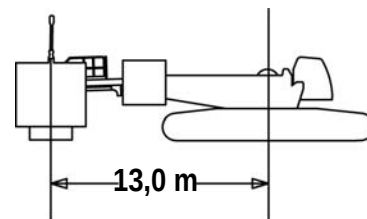
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	73,5	90,7	84 000	115 900*									19,8
20,0	73,2	90,7	83 100	115 500*									20,0
22,0	70,7	90,0	73 500	111 700*									22,0
24,0	68,1	89,2	65 800	104 600*									24,0
26,0	65,5	88,3	59 300	94 500*	68,4	89,1	55 800	109 400*					26,0
28,0	62,9	87,3	53 900	86 600*	65,8	88,2	50 600	105 400					28,0
30,0	60,1	86,2	49 200	80 100*	63,1	87,2	46 200	99 000	66,1	87,9	43 300	96 300	30,0
32,0	57,3	84,9	45 200	74 700*	60,4	86,1	42 400	91 000	63,4	86,9	39 600	88 800	32,0
34,0	54,4	83,5	41 700	70 100*	57,6	84,8	39 100	84 500	60,7	85,8	36 500	82 400	34,0
36,0	51,3	81,9	38 600	66 100*	54,7	83,4	36 100	78 200*	57,9	84,6	33 700	76 800	36,0
38,0	48,2	80,2	35 800	62 700*	51,7	81,9	33 500	72 200*	55,0	83,2	31 200	71 900	38,0
40,0	44,8	78,2	33 300	59 700*	48,5	80,1	31 100	66 900*	52,0	81,6	29 000	67 400	40,0
42,0	41,3	76,0	31 100	55 900*	45,2	78,2	29 000	62 300*	48,8	79,9	27 000	63 500	42,0
44,0	37,4	73,5	29 000	51 900*	41,6	76,0	27 100	58 100*	45,5	78,0	25 200	59 900	44,0
46,0	33,2	70,6	27 200	48 500*	37,8	73,5	25 300	54 400*	42,0	75,8	23 500	56 600	46,0
48,0	28,4	67,1	25 500	45 400*	33,6	70,6	23 700	51 000*	38,2	73,4	22 000	53 700	48,0
50,0	22,6	62,7	23 900	42 900*	28,9	67,2	22 200	47 900*	34,1	70,6	20 600	51 000	50,0
52,0	14,8	56,5	22 300	38 500*	23,3	63,0	20 800	45 000*	29,4	67,2	19 200	48 300*	52,0
54,0					15,8	57,0	19 500	40 600*	23,9	63,0	18 000	45 400*	54,0
56,0									16,7	57,3	16 900	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	60,1	84,7	27 400	68 900									38,0
40,0	57,3	83,4	25 400	64 600									40,0
42,0	54,4	82,0	23 600	60 800									42,0
44,0	51,3	80,4	21 900	57 300									44,0
46,0	48,2	78,7	20 400	54 200	53,6	80,4	17 400	51 800					46,0
48,0	44,8	76,7	19 000	51 400	50,6	78,8	16 200	49 100					48,0
50,0	41,3	74,5	17 800	48 800	47,4	77,0	15 000	46 600					50,0
52,0	37,4	72,0	16 600	46 400	44,0	75,0	14 000	44 300	49,6	76,8	11 400	42 300	52,0
54,0	33,2	69,1	15 500	44 200	40,3	72,7	13 000	42 200	46,3	74,9	10 600	40 300	54,0
56,0	28,4	65,6	14 500	42 200	36,4	70,1	12 100	40 300	42,9	72,9	9 700	38 400	56,0
58,0	22,6	61,2	13 500	40 200	32,1	67,1	11 300	38 400	39,2	70,5	9 000	36 700	58,0
60,0	14,8	55,0	12 600	38 400	27,1	63,4	10 400	36 700	35,1	67,7	8 300	35 100	60,0
62,0					21,0	58,7	9 700	35 100	30,6	64,5	7 600	33 500	62,0
64,0					12,1	51,5	8 800	33 600	25,4	60,6	6 900	32 100	64,0
66,0									18,8	55,5	6 300	30 700	66,0

Liftcrane Luffing Jib Capacities

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

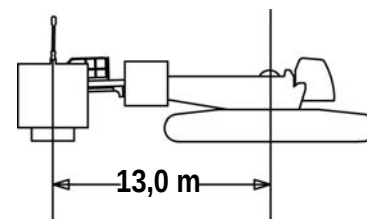
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



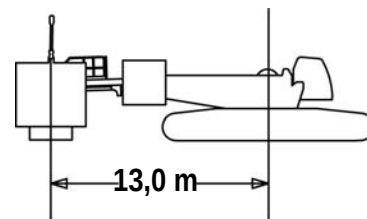
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	73,7	96,6	76 100	96 700*									21,3
22,0	72,9	96,4	73 300	96 600*									22,0
24,0	70,7	95,7	65 400	95 400*									24,0
26,0	68,4	94,9	58 900	91 700*									26,0
28,0	66,1	94,0	53 400	87 100*	68,6	94,7	50 200	92 600*					28,0
30,0	63,7	93,0	48 800	81 600*	66,3	93,8	45 700	90 100*					30,0
32,0	61,3	92,0	44 700	75 500*	64,0	92,9	41 900	86 400*	66,6	93,6	39 000	88 300	32,0
34,0	58,9	90,8	41 200	70 500*	61,6	91,8	38 500	82 700*	64,2	92,6	35 900	81 900	34,0
36,0	56,3	89,5	38 100	66 200*	59,1	90,6	35 600	78 100*	61,8	91,6	33 100	76 300	36,0
38,0	53,7	88,0	35 300	62 500*	56,6	89,3	33 000	72 100*	59,4	90,4	30 600	71 300	38,0
40,0	51,0	86,4	32 800	59 200*	54,0	87,9	30 600	66 800*	56,8	89,1	28 400	66 900	40,0
42,0	48,2	84,7	30 600	55 100*	51,3	86,3	28 500	62 200*	54,2	87,7	26 400	63 000	42,0
44,0	45,2	82,7	28 600	51 400*	48,5	84,6	26 600	58 000*	51,5	86,1	24 600	59 400	44,0
46,0	42,1	80,6	26 700	48 000*	45,5	82,7	24 800	54 300*	48,7	84,4	23 000	56 200	46,0
48,0	38,8	78,2	25 000	44 900*	42,4	80,6	23 200	50 900*	45,8	82,5	21 400	53 200	48,0
50,0	35,2	75,4	23 500	42 100*	39,1	78,2	21 800	47 800*	42,7	80,4	20 000	50 500	50,0
52,0	31,2	72,2	22 000	39 600*	35,5	75,5	20 400	45 000*	39,4	78,0	18 800	48 000	52,0
54,0	26,7	68,5	20 700	37 500*	31,6	72,3	19 100	42 400*	35,9	75,3	17 600	45 400*	54,0
56,0	21,3	63,8	19 400	35 700*	27,2	68,7	18 000	40 100*	32,0	72,3	16 500	42 800*	56,0
58,0					21,9	64,1	16 800	37 800*	27,6	68,7	15 400	40 400*	58,0
60,0					14,9	57,8	15 800	34 000*	22,5	64,2	14 400	38 200*	60,0
62,0									15,7	58,2	13 500	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	61,3	90,4	24 700	64 000									40,0
42,0	58,9	89,3	22 900	60 200									42,0
44,0	56,3	87,9	21 300	56 800									44,0
46,0	53,7	86,5	19 800	53 700									46,0
48,0	51,0	84,9	18 400	50 900	55,7	86,4	15 500	48 500					48,0
50,0	48,2	83,2	17 200	48 300	53,0	84,9	14 300	46 100					50,0
52,0	45,2	81,2	16 000	45 900	50,3	83,3	13 300	43 700					52,0
54,0	42,1	79,1	14 900	43 700	47,5	81,5	12 400	41 700					54,0
56,0	38,8	76,6	13 900	41 700	44,5	79,5	11 500	39 700	49,5	81,3	9 000	37 800	56,0
58,0	35,2	73,9	13 000	39 800	41,3	77,3	10 600	37 900	46,6	79,4	8 300	36 100	58,0
60,0	31,2	70,7	12 100	38 000	37,9	74,8	9 800	36 200	43,5	77,4	7 600	34 500	60,0
62,0	26,7	67,0	11 300	36 400	34,2	72,0	9 100	34 700	40,3	75,1	7 000	33 000	62,0
64,0	21,3	62,3	10 500	34 800	30,1	68,7	8 400	33 200	36,8	72,5	6 300	31 600	64,0
66,0	13,9	55,7	9 700	33 400	25,5	64,8	7 700	31 800	33,0	69,5	5 800	30 300	66,0
68,0					19,7	59,7	7 100	30 500	28,8	66,1	5 200	29 000	68,0
70,0					11,4	52,1	6 400	29 200	23,9	61,9	4 600	27 800	70,0
72,0									17,6	56,4	4 100	26 700	72,0

Liftcrane Luffing Jib Capacities

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

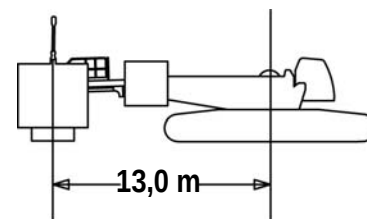
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



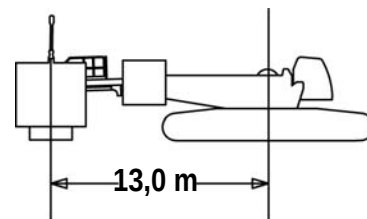
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	73,8	102,4	69 100	79 900*									22,9
24,0	72,7	102,0	64 900	79 700*									24,0
26,0	70,7	101,3	58 300	79 300*									26,0
28,0	68,6	100,6	52 900	78 300*									28,0
30,0	66,5	99,7	48 200	74 900*	68,8	100,4	45 100	76 400*					30,0
32,0	64,4	98,7	44 100	71 400*	66,8	99,5	41 200	76 100*					32,0
34,0	62,3	97,7	40 600	67 800*	64,7	98,6	37 800	73 900*	67,0	99,2	35 100	72 500*	34,0
36,0	60,1	96,6	37 500	64 100*	62,5	97,6	34 900	70 400*	64,9	98,3	32 300	72 500*	36,0
38,0	57,8	95,3	34 700	60 500*	60,3	96,4	32 300	67 000*	62,7	97,3	29 800	70 600	38,0
40,0	55,5	94,0	32 200	56 900*	58,1	95,2	29 900	63 800*	60,5	96,2	27 600	66 300	40,0
42,0	53,2	92,5	30 000	53 500*	55,8	93,9	27 800	60 600*	58,3	95,0	25 600	62 300	42,0
44,0	50,7	90,9	27 900	50 300*	53,4	92,4	25 900	57 400*	56,0	93,6	23 800	58 800	44,0
46,0	48,2	89,1	26 100	47 200*	51,0	90,8	24 200	53 800*	53,6	92,2	22 200	55 500	46,0
48,0	45,5	87,2	24 400	44 300*	48,4	89,1	22 500	50 400*	51,2	90,6	20 700	52 600	48,0
50,0	42,7	85,1	22 900	41 700*	45,8	87,2	21 100	47 400*	48,7	88,9	19 300	49 900	50,0
52,0	39,8	82,8	21 500	39 200*	43,0	85,1	19 700	44 600*	46,1	87,0	18 000	47 400	52,0
54,0	36,7	80,2	20 200	37 000*	40,1	82,8	18 500	42 100*	43,3	84,9	16 900	45 000*	54,0
56,0	33,3	77,2	18 900	35 000*	37,0	80,2	17 400	39 700*	40,4	82,6	15 800	42 400*	56,0
58,0	29,5	73,8	17 800	33 100*	33,6	77,3	16 300	37 600*	37,3	80,1	14 700	40 000*	58,0
60,0	25,2	69,8	16 700	31 500*	29,9	73,9	15 200	35 500*	34,0	77,2	13 800	37 900*	60,0
62,0	20,1	64,9	15 700	30 200*	25,7	70,0	14 300	33 600*	30,3	73,9	12 900	35 800*	62,0
64,0	13,2	57,8	14 700	27 000*	20,7	65,2	13 400	31 800*	26,2	70,1	12 100	33 900*	64,0
66,0					14,0	58,5	12 500	28 500*	21,3	65,3	11 200	32 100*	66,0
68,0									14,8	58,9	10 400	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	60,1	95,1	20 400	56 100									44,0
46,0	57,8	93,8	18 900	53 000									46,0
48,0	55,5	92,5	17 600	50 200									48,0
50,0	53,2	91,0	16 400	47 600									50,0
52,0	50,7	89,4	15 200	45 200	55,0	90,9	12 400	43 000					52,0
54,0	48,2	87,6	14 100	43 100	52,6	89,4	11 500	41 000					54,0
56,0	45,5	85,7	13 100	41 100	50,1	87,8	10 600	39 000					56,0
58,0	42,7	83,6	12 200	39 200	47,5	86,0	9 800	37 200	51,8	87,4	7 400	35 400	58,0
60,0	39,8	81,2	11 400	37 400	44,8	84,0	9 000	35 600	49,3	85,8	6 700	33 800	60,0
62,0	36,7	78,6	10 600	35 800	42,0	81,8	8 300	34 000	46,7	83,9	6 100	32 300	62,0
64,0	33,3	75,7	9 800	34 300	39,0	79,4	7 600	32 600	44,0	81,9	5 400	30 900	64,0
66,0	29,5	72,3	9 100	32 900	35,8	76,8	7 000	31 200	41,1	79,7	4 900	29 600	66,0
68,0	25,2	68,3	8 400	31 500	32,4	73,7	6 400	29 900	38,1	77,2	4 400	28 300	68,0
70,0	20,1	63,4	7 700	30 200	28,5	70,2	5 800	28 700	34,8	74,4	3 800	27 200	70,0
72,0	13,1	56,3	7 100	28 900	24,1	66,0	5 200	27 500	31,2	71,2	3 400	26 100	72,0
74,0					18,7	60,7	4 700	26 400	27,2	67,5	2 900	25 100	74,0
76,0					10,7	52,7	4 100	25 400	22,6	63,1	2 400	24 000	76,0
78,0									16,7	57,2	2 000	23 100	78,0

Liftcrane Luffing Jib Capacities

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

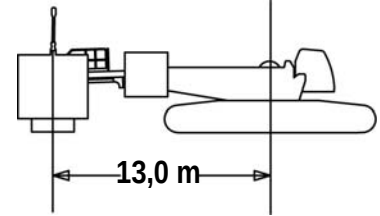
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



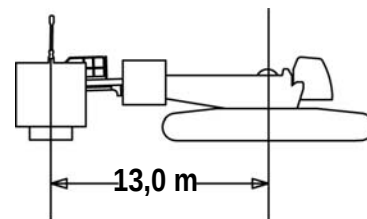
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	72,6	107,7	58 000	66 500*									25,9
26,0	72,5	107,7	57 700	66 500*									26,0
28,0	70,7	107,0	52 200	66 000*									28,0
30,0	68,8	106,2	47 500	65 500*									30,0
32,0	66,9	105,4	43 400	64 500*	69,0	106,0	40 400	63 600*					32,0
34,0	65,0	104,4	39 900	61 800*	67,1	105,2	37 100	63 400*					34,0
36,0	63,1	103,4	36 800	59 100*	65,2	104,3	34 100	63 100*					36,0
38,0	61,1	102,4	34 000	56 400*	63,3	103,3	31 500	62 700*	65,4	104,0	29 000	60 500*	38,0
40,0	59,1	101,2	31 500	53 600*	61,3	102,2	29 100	62 200*	63,5	103,0	26 800	60 400*	40,0
42,0	57,0	99,9	29 200	50 900*	59,3	101,0	27 000	59 700*	61,5	101,9	24 800	60 300*	42,0
44,0	54,9	98,5	27 200	48 200*	57,2	99,8	25 100	56 100*	59,5	100,8	23 000	58 200	44,0
46,0	52,7	97,0	25 400	45 700*	55,1	98,4	23 400	52 500*	57,4	99,5	21 400	54 900	46,0
48,0	50,5	95,4	23 700	43 200*	52,9	96,9	21 800	49 400*	55,3	98,2	19 900	51 900	48,0
50,0	48,2	93,6	22 200	40 800*	50,7	95,3	20 300	46 500*	53,2	96,7	18 500	49 300	50,0
52,0	45,8	91,7	20 700	38 600*	48,4	93,6	19 000	43 800*	50,9	95,1	17 300	46 800	52,0
54,0	43,3	89,6	19 400	36 500*	46,0	91,7	17 700	41 200*	48,6	93,3	16 100	44 100*	54,0
56,0	40,6	87,3	18 200	34 600*	43,5	89,6	16 600	38 900*	46,3	91,5	15 000	41 600*	56,0
58,0	37,8	84,8	17 100	32 800*	40,9	87,3	15 600	36 800*	43,8	89,4	14 000	39 300*	58,0
60,0	34,9	82,1	16 000	31 100*	38,1	84,8	14 500	34 800*	41,2	87,2	13 000	37 100*	60,0
62,0	31,6	78,9	15 000	29 600*	35,2	82,1	13 600	33 000*	38,4	84,7	12 100	35 100*	62,0
64,0	28,1	75,3	14 100	28 200*	32,0	79,0	12 700	31 300*	35,5	82,0	11 300	33 300*	64,0
66,0	24,0	71,1	13 200	27 000*	28,5	75,5	11 900	29 700*	32,3	78,9	10 500	31 500*	66,0
68,0	19,2	65,9	12 300	25 500*	24,5	71,3	11 100	28 200*	28,8	75,5	9 800	29 900*	68,0
70,0	12,5	58,5	11 500	22 500*	19,7	66,2	10 300	26 700*	24,9	71,4	9 100	28 400*	70,0
72,0					13,4	59,2	9 600	23 700*	20,2	66,4	8 400	26 900*	72,0
74,0									14,1	59,6	7 700	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	61,1	100,8	18 100	52 300									46,0
48,0	59,1	99,7	16 700	49 500									48,0
50,0	57,0	98,4	15 500	46 900									50,0
52,0	54,9	97,0	14 400	44 500									52,0
54,0	52,7	95,5	13 300	42 300	56,5	96,8	10 500	40 200					54,0
56,0	50,5	93,9	12 300	40 300	54,4	95,4	9 700	38 300					56,0
58,0	48,2	92,1	11 400	38 500	52,2	93,9	8 900	36 500					58,0
60,0	45,8	90,2	10 600	36 800	49,9	92,2	8 100	34 900					60,0
62,0	43,3	88,1	9 700	35 200	47,6	90,5	7 400	33 300	51,5	91,9	5 100	31 500	62,0
64,0	40,6	85,8	9 000	33 600	45,2	88,5	6 800	31 800	49,2	90,2	4 500	30 100	64,0
66,0	37,8	83,3	8 300	32 200	42,6	86,4	6 100	30 500	46,9	88,4	4 000	28 800	66,0
68,0	34,9	80,5	7 700	30 900	40,0	84,0	5 500	29 200	44,4	86,4	3 500	27 600	68,0
70,0	31,6	77,4	7 000	29 600	37,1	81,5	5 000	28 000	41,8	84,2	3 000	26 500	70,0
72,0	28,1	73,8	6 400	28 400	34,1	78,6	4 400	26 900	39,1	81,8	2 500	25 400	72,0
74,0	24,0	69,6	5 800	27 300	30,8	75,4	3 900	25 800	36,2	79,1	2 100	24 400	74,0
76,0	19,2	64,4	5 300	26 200	27,1	71,7	3 400	24 800	33,1	76,2	1 600	23 400	76,0
78,0	12,5	57,0	4 700	25 000	22,9	67,2	3 000	23 900	29,7	72,8	1 200	22 500	78,0
80,0					17,8	61,6	2 500	22 900	25,9	68,9	800	21 600	80,0
82,0					10,2	53,2	2 000	22 000	21,5	64,2		20 800	82,0
84,0									15,9	58,0		19 900	84,0

Liftcrane Luffing Jib Capacities

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

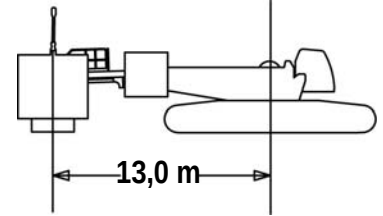
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



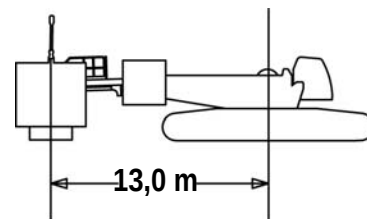
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	71,5	113,0	49 300	55 200*									29,0
30,0	70,6	112,6	46 900	55 000*									30,0
32,0	68,9	111,9	42 800	54 500*	70,8	112,4	39 700	53 400*					32,0
34,0	67,2	111,0	39 200	54 000*	69,1	111,7	36 400	53 100*					34,0
36,0	65,5	110,1	36 100	53 300*	67,4	110,9	33 400	52 700*					36,0
38,0	63,7	109,2	33 300	51 600*	65,7	110,0	30 800	52 400*					38,0
40,0	61,9	108,1	30 800	49 500*	63,9	109,0	28 400	52 000*	65,8	109,7	26 000	50 400*	40,0
42,0	60,1	107,0	28 600	47 400*	62,1	108,0	26 300	51 600*	64,1	108,7	24 000	50 200*	42,0
44,0	58,2	105,7	26 600	45 400*	60,3	106,8	24 400	51 200*	62,3	107,7	22 300	49 900*	44,0
46,0	56,3	104,4	24 700	43 300*	58,4	105,6	22 700	50 700*	60,4	106,6	20 600	49 700*	46,0
48,0	54,3	103,0	23 100	41 200*	56,5	104,3	21 100	49 000*	58,6	105,4	19 100	49 400*	48,0
50,0	52,3	101,5	21 500	39 300*	54,6	102,9	19 700	45 900*	56,7	104,1	17 700	48 600	50,0
52,0	50,3	99,8	20 100	37 400*	52,6	101,4	18 300	43 300*	54,7	102,7	16 500	46 200	52,0
54,0	48,2	98,1	18 800	35 600*	50,5	99,8	17 100	40 900*	52,8	101,2	15 400	43 700*	54,0
56,0	46,0	96,2	17 600	33 800*	48,4	98,0	15 900	38 700*	50,7	99,6	14 300	41 300*	56,0
58,0	43,7	94,1	16 500	32 100*	46,2	96,1	14 900	36 600*	48,6	97,8	13 200	39 000*	58,0
60,0	41,3	91,9	15 400	30 600*	43,9	94,1	13 900	34 600*	46,4	95,9	12 300	36 800*	60,0
62,0	38,8	89,5	14 400	29 100*	41,6	91,9	13 000	32 700*	44,2	93,9	11 400	34 800*	62,0
64,0	36,1	86,8	13 500	27 800*	39,1	89,5	12 100	31 000*	41,8	91,7	10 600	32 900*	64,0
66,0	33,3	83,8	12 600	26 500*	36,4	86,8	11 200	29 400*	39,3	89,3	9 800	31 200*	66,0
68,0	30,2	80,5	11 800	25 300*	33,6	83,9	10 500	27 900*	36,7	86,7	9 100	29 600*	68,0
70,0	26,8	76,8	11 000	24 300*	30,6	80,6	9 700	26 400*	33,9	83,8	8 400	28 100*	70,0
72,0	23,0	72,3	10 200	23 300*	27,2	76,9	9 000	25 100*	30,9	80,6	7 800	26 600*	72,0
74,0	18,3	66,8	9 500	21 600*	23,4	72,6	8 400	23 800*	27,5	76,9	7 200	25 300*	74,0
76,0	11,9	59,1	8 800	18 600*	18,8	67,2	7 700	22 500*	23,8	72,6	6 500	24 000*	76,0
78,0					12,8	59,8	7 100	19 800*	19,3	67,4	6 000	22 800*	78,0
80,0									13,5	60,3	5 400	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
 62 530 kg Hanging Counterweight
 at 13,0 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.	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													42,0
44,0													44,0
46,0													46,0
48,0	61,9	106,6	15 900	45 900*									48,0
50,0	60,1	105,4	14 600	45 900									50,0
52,0	58,2	104,2	13 500	43 900									52,0
54,0	56,3	102,9	12 500	41 700									54,0
56,0	54,3	101,5	11 500	39 700									56,0
58,0	52,3	100,0	10 600	37 800	55,8	101,4	8 000	35 800					58,0
60,0	50,3	98,3	9 800	36 100	53,9	99,9	7 300	34 200					60,0
62,0	48,2	96,6	9 000	34 500	51,8	98,4	6 600	32 600					62,0
64,0	46,0	94,7	8 300	33 000	49,8	96,7	5 900	31 200					64,0
66,0	43,7	92,6	7 500	31 600	47,6	94,9	5 300	29 800	51,2	96,4	3 100	28 100	66,0
68,0	41,3	90,4	6 900	30 300	45,4	93,0	4 700	28 600	49,1	94,7	2 600	26 900	68,0
70,0	38,8	87,9	6 300	29 000	43,1	90,9	4 200	27 400	47,0	92,9	2 100	25 800	70,0
72,0	36,1	85,3	5 700	27 900	40,7	88,6	3 700	26 300	44,7	90,9	1 600	24 700	72,0
74,0	33,3	82,3	5 200	26 800	38,2	86,1	3 100	25 200	42,4	88,7	1 200	23 700	74,0
76,0	30,2	79,0	4 600	25 700	35,5	83,4	2 700	24 200	39,9	86,4	800	22 700	76,0
78,0	26,8	75,2	4 100	24 700	32,6	80,4	2 300	23 300	37,4	83,8		21 800	78,0
80,0	23,0	70,8	3 600	23 700	29,4	76,9	1 800	22 300	34,6	81,0		20 900	80,0
82,0	18,3	65,3	3 200	22 700*	25,9	73,0	1 400	21 500	31,6	77,9		20 100	82,0
84,0	11,9	57,6	2 600	21 300*	21,9	68,4	1 000	20 600	28,4	74,3		19 300	84,0
86,0					17,0	62,5		19 800	24,8	70,2		18 600	86,0
88,0					9,7	53,7		19 100	20,5	65,3		17 900	88,0
90,0									15,1	58,8		17 200	90,0

Liftcrane Luffing Jib Capacities

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

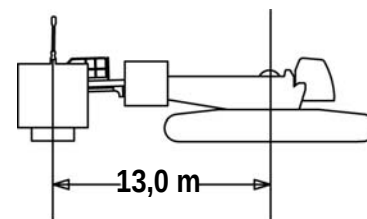
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



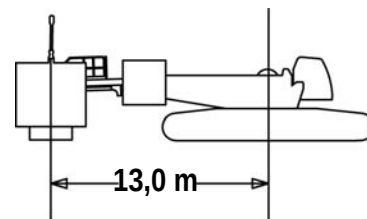
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	69,4	117,7	39 500	45 900*									33,5
34,0	69,1	117,5	38 700	45 800*									34,0
36,0	67,5	116,7	35 500	45 300*	69,2	117,4	32 800	44 600*					36,0
38,0	65,9	115,8	32 700	44 900*	67,6	116,5	30 100	44 300*					38,0
40,0	64,2	114,9	30 300	44 400*	66,0	115,7	27 800	43 900*					40,0
42,0	62,6	113,8	28 000	43 500*	64,4	114,7	25 700	43 600*	66,2	115,4	23 400	42 300*	42,0
44,0	60,9	112,7	26 000	41 800*	62,8	113,7	23 800	43 200*	64,6	114,4	21 600	42 100*	44,0
46,0	59,2	111,6	24 200	40 200*	61,1	112,6	22 000	42 900*	62,9	113,4	20 000	41 900*	46,0
48,0	57,5	110,3	22 500	38 600*	59,4	111,4	20 500	42 500*	61,3	112,3	18 400	41 600*	48,0
50,0	55,7	109,0	20 900	37 000*	57,7	110,2	19 000	42 100*	59,6	111,2	17 100	41 300*	50,0
52,0	53,9	107,5	19 500	35 400*	55,9	108,8	17 700	41 700*	57,8	109,9	15 800	41 100*	52,0
54,0	52,0	106,0	18 200	33 900*	54,1	107,4	16 400	40 100*	56,1	108,6	14 700	40 900*	54,0
56,0	50,1	104,3	17 000	32 400*	52,2	105,9	15 300	37 800*	54,3	107,2	13 600	40 100*	56,0
58,0	48,2	102,6	15 900	31 000*	50,3	104,2	14 200	35 800*	52,4	105,7	12 600	38 100*	58,0
60,0	46,2	100,7	14 800	29 600*	48,4	102,5	13 200	33 800*	50,5	104,0	11 700	36 100*	60,0
62,0	44,1	98,6	13 800	28 200*	46,4	100,6	12 300	32 000*	48,6	102,3	10 800	34 100*	62,0
64,0	41,9	96,4	12 900	27 000*	44,3	98,6	11 400	30 300*	46,6	100,4	10 000	32 300*	64,0
66,0	39,6	94,1	12 000	25 900*	42,1	96,4	10 600	28 700*	44,5	98,4	9 200	30 500*	66,0
68,0	37,2	91,5	11 200	24 700*	39,8	94,1	9 900	27 300*	42,3	96,3	8 500	29 000*	68,0
70,0	34,7	88,7	10 500	23 700*	37,5	91,5	9 100	25 900*	40,1	93,9	7 800	27 500*	70,0
72,0	31,9	85,6	9 800	22 700*	34,9	88,7	8 400	24 600*	37,7	91,4	7 200	26 100*	72,0
74,0	29,0	82,1	9 000	21 900*	32,2	85,7	7 800	23 300*	35,2	88,6	6 500	24 800*	74,0
76,0	25,7	78,1	8 400	20 900*	29,3	82,2	7 200	22 100*	32,5	85,6	6 000	23 500*	76,0
78,0	22,0	73,5	7 800	19 700*	26,1	78,3	6 600	21 000*	29,6	82,2	5 400	22 300*	78,0
80,0	17,6	67,7	7 100	17 900*	22,4	73,7	6 000	20 000*	26,4	78,3	4 900	21 200*	80,0
82,0	11,4	59,7	6 500	15 300*	18,1	68,2	5 400	18 700*	22,8	73,8	4 400	20 200*	82,0
84,0					12,2	60,5	4 900	16 400*	18,5	68,4	3 900	19 100*	84,0
86,0									12,9	61,0	3 400	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
33,5													33,5
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	60,9	111,2	12 800	38 500*									52,0
54,0	59,2	110,1	11 800	38 500*									54,0
56,0	57,5	108,8	10 800	38 500*									56,0
58,0	55,7	107,4	9 900	37 300									58,0
60,0	53,9	106,0	9 100	35 500	57,0	107,3	6 500	33 600					60,0
62,0	52,0	104,5	8 300	33 900	55,3	105,9	5 800	32 000					62,0
64,0	50,1	102,8	7 600	32 400	53,4	104,4	5 200	30 600					64,0
66,0	48,2	101,1	6 900	31 100	51,6	102,9	4 600	29 300					66,0
68,0	46,1	99,2	6 200	29 700	49,7	101,2	4 000	28 000					68,0
70,0	44,1	97,1	5 600	28 500	47,7	99,4	3 500	26 800	51,0	100,9	1 300	25 200	70,0
72,0	41,9	94,9	5 000	27 300	45,6	97,5	2 900	25 700	49,1	99,2	900	24 100	72,0
74,0	39,6	92,6	4 500	26 200	43,5	95,4	2 500	24 600	47,1	97,3		23 100	74,0
76,0	37,2	90,0	3 900	25 200	41,3	93,2	2 000	23 600	45,0	95,4		22 100	76,0
78,0	34,7	87,2	3 500	24 200	39,0	90,8	1 600	22 700	42,9	93,3		21 200	78,0
80,0	31,9	84,1	3 000	23 200	36,6	88,1	1 200	21 800	40,6	91,0		20 400	80,0
82,0	29,0	80,6	2 500	22 300	34,0	85,2	700	20 900	38,3	88,5		19 600	82,0
84,0	25,7	76,6	2 100	21 100*	31,2	82,0		20 100	35,8	85,8		18 800	84,0
86,0	22,0	72,0	1 700	20 100*	28,2	78,5		19 300	33,2	82,8		18 000	86,0
88,0	17,6	66,2	1 300	19 000*	24,9	74,3		18 600	30,4	79,5		17 300	88,0
90,0					21,0	69,5		17 900	27,2	75,8		16 700	90,0
92,0					16,3	63,4		17 200	23,8	71,5		16 000	92,0
94,0					9,3	54,1		16 500	19,7	66,3		15 400	94,0
96,0									14,5	59,6		14 700	96,0

Liftcrane Luffing Jib Capacities

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

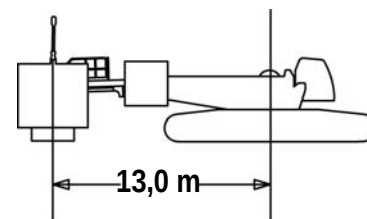
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



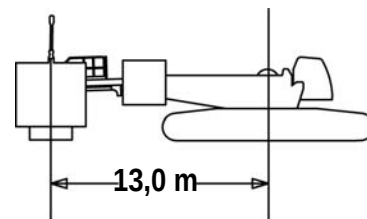
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	68,7	123,0	34 000	38 300*	70,4	123,6	31 200	37 800*					36,6
38,0	67,7	122,4	32 000	38 000*	69,3	123,0	29 400	37 500*					38,0
40,0	66,2	121,5	29 500	37 600*	67,9	122,2	27 000	37 200*					40,0
42,0	64,7	120,6	27 300	37 100*	66,4	121,3	24 900	36 800*					42,0
44,0	63,2	119,6	25 300	36 700*	64,9	120,4	23 000	36 500*	66,5	121,1	20 800	35 500*	44,0
46,0	61,6	118,5	23 400	36 300*	63,3	119,4	21 300	36 100*	65,0	120,1	19 100	35 200*	46,0
48,0	60,1	117,4	21 700	35 600*	61,8	118,4	19 700	35 700*	63,5	119,1	17 600	35 000*	48,0
50,0	58,5	116,2	20 200	34 300*	60,2	117,2	18 200	35 300*	61,9	118,1	16 200	34 700*	50,0
52,0	56,8	114,8	18 800	33 000*	58,6	116,0	16 900	35 000*	60,4	117,0	15 000	34 400*	52,0
54,0	55,2	113,5	17 500	31 800*	57,0	114,7	15 700	34 600*	58,8	115,8	13 900	34 200*	54,0
56,0	53,5	112,0	16 300	30 500*	55,4	113,4	14 500	34 300*	57,2	114,5	12 800	33 900*	56,0
58,0	51,8	110,5	15 100	29 300*	53,7	111,9	13 500	34 000*	55,5	113,1	11 800	33 600*	58,0
60,0	50,0	108,8	14 100	28 200*	51,9	110,4	12 500	33 100*	53,8	111,7	10 900	33 400*	60,0
62,0	48,2	107,0	13 100	27 100*	50,2	108,7	11 500	31 300*	52,1	110,1	10 000	33 000*	62,0
64,0	46,3	105,2	12 200	26 000*	48,4	107,0	10 700	29 600*	50,4	108,5	9 200	31 600*	64,0
66,0	44,4	103,1	11 300	24 900*	46,5	105,1	9 900	28 100*	48,5	106,8	8 400	29 900*	66,0
68,0	42,4	101,0	10 500	23 900*	44,6	103,1	9 100	26 600*	46,7	104,9	7 700	28 300*	68,0
70,0	40,3	98,7	9 800	23 000*	42,6	100,9	8 400	25 200*	44,8	102,9	7 000	26 800*	70,0
72,0	38,1	96,2	9 000	22 100*	40,5	98,6	7 700	23 900*	42,8	100,8	6 400	25 400*	72,0
74,0	35,8	93,4	8 400	21 300*	38,3	96,2	7 100	22 700*	40,7	98,5	5 800	24 100*	74,0
76,0	33,3	90,5	7 700	20 200*	36,0	93,5	6 400	21 500*	38,5	96,0	5 200	22 800*	76,0
78,0	30,7	87,2	7 100	19 200*	33,6	90,5	5 900	20 400*	36,3	93,4	4 700	21 700*	78,0
80,0	27,9	83,6	6 500	18 200*	31,0	87,3	5 300	19 400*	33,8	90,5	4 100	20 600*	80,0
82,0	24,8	79,4	5 900	17 200*	28,2	83,7	4 800	18 400*	31,3	87,3	3 600	19 600*	82,0
84,0	21,2	74,6	5 400	16 300*	25,1	79,6	4 300	17 400*	28,5	83,7	3 200	18 500*	84,0
86,0	16,9	68,6	4 900	14 500*	21,6	74,9	3 800	16 500*	25,4	79,7	2 700	17 600*	86,0
88,0	11,0	60,2	4 300	12 300*	17,4	69,1	3 300	15 300*	21,9	75,0	2 200	16 700*	88,0
90,0					11,8	61,0	2 800	13 300*	17,8	69,3	1 800	15 700*	90,0
92,0									12,4	61,6	1 400	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
 62 530 kg Hanging Counterweight
 at 13,0 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	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												48,0
50,0												50,0
52,0												52,0
54,0	61,6	117,0	10 900	32 200*								54,0
56,0	60,1	115,8	9 900	32 100*								56,0
58,0	58,5	114,6	9 000	32 000*								58,0
60,0	56,8	113,3	8 200	31 900*								60,0
62,0	55,2	112,0	7 400	31 800*								62,0
64,0	53,5	110,5	6 700	31 700*	56,4	111,8	4 300	29 300*				64,0
66,0	51,8	108,9	6 000	30 400	54,8	110,4	3 600	28 600				66,0
68,0	50,0	107,3	5 400	29 000	53,1	108,9	3 100	27 300				68,0
70,0	48,2	105,5	4 800	27 800	51,3	107,3	2 600	26 100				70,0
72,0	46,3	103,6	4 200	26 600	49,6	105,7	2 000	25 000	52,5	107,0	23 300	72,0
74,0	44,4	101,6	3 700	25 600	47,7	103,9	1 600	23 900	50,8	105,4	22 300	74,0
76,0	42,4	99,5	3 100	24 500	45,8	102,0	1 100	22 900	49,0	103,7	21 400	76,0
78,0	40,3	97,1	2 700	23 500	43,9	99,9		22 000	47,1	101,8	20 500	78,0
80,0	38,1	94,6	2 200	22 600	41,8	97,7		21 100	45,2	99,9	19 600	80,0
82,0	35,8	91,9	1 700	21 600*	39,7	95,3		20 300	43,3	97,8	18 800	82,0
84,0	33,3	89,0	1 300	20 500*	37,5	92,8		19 400	41,2	95,5	18 100	84,0
86,0	30,7	85,7	900	19 400*	35,2	90,0		18 700	39,1	93,1	17 400	86,0
88,0	27,9	82,1		18 500*	32,7	87,0		18 000	36,8	90,5	16 600	88,0
90,0	24,8	77,9		17 500*	30,1	83,7		17 200	34,5	87,7	16 000	90,0
92,0	21,2	73,1		16 600*	27,2	79,9		16 500	31,9	84,5	15 300	92,0
94,0	16,9	67,1		15 700*	23,9	75,6		15 900	29,2	81,1	14 700	94,0
96,0	11,0	58,7		14 800*	20,2	70,6		15 300	26,2	77,2	14 100	96,0
98,0					15,7	64,2		14 700	22,9	72,7	13 500*	98,0
100,0					9,0	54,6		14 100	18,9	67,3	12 900*	100,0
102,0									14,0	60,3	12 200*	102,0

Liftcrane Luffing Jib Capacities

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

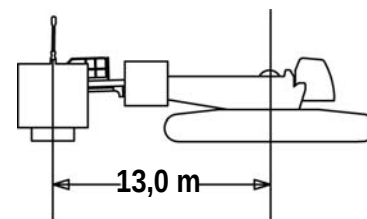
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



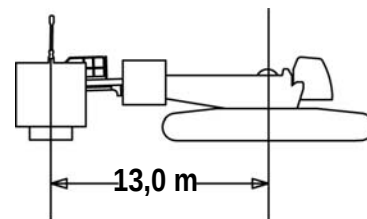
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
13,7	72,7	73,6	134 700	175 900*c									13,7
14,0	71,9	73,5	131 600	173 200*c									14,0
16,0	66,8	72,7	111 000	154 100*b									16,0
18,0	61,4	71,6	95 900	135 300*b									18,0
20,0	55,7	70,3	84 100	121 600*	62,8	71,7	79 200	159 900*b					20,0
22,0	49,5	68,7	74 700	110 900*	57,2	70,4	70 400	141 000*b	64,2	71,5	66 100	143 100b	22,0
24,0	42,6	66,6	67 000	102 700*	51,2	68,9	63 100	127 200*	58,6	70,3	59 100	128 200b	24,0
26,0	34,7	64,0	60 500	96 500*	44,5	66,9	57 000	116 500*	52,7	68,9	53 500	116 100	26,0
28,0	24,4	60,1	54 900	91 300*	36,9	64,4	51 800	108 100	46,3	67,0	48 600	106 000	28,0
30,0					27,4	61,0	47 300	99 800	38,9	64,7	44 400	97 300	30,0
32,0					11,6	54,7	43 200	81 100	30,1	61,6	40 700	89 900	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
13,7													13,7
14,0													14,0
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0	59,0	69,4	43 100	101 600b									28,0
30,0	53,1	67,9	39 300	93 300									30,0
32,0	46,6	66,2	36 100	86 200									32,0
34,0	39,4	63,9	33 200	80 000	53,1	66,6	28 900	76 600					34,0
36,0	30,6	60,8	30 600	74 500	46,7	64,8	26 600	71 400					36,0
38,0	18,1	56,0	28 200	69 600	39,4	62,5	24 600	66 800					38,0
40,0					30,7	59,5	22 700	62 600	46,2	63,0	19 300	59 900	40,0
42,0					18,2	54,6	20 900	58 800	38,9	60,7	17 800	56 400	42,0
44,0									30,0	57,5	16 400	53 100	44,0

Liftcrane Luffing Jib Capacities

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

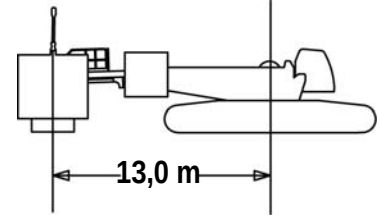
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



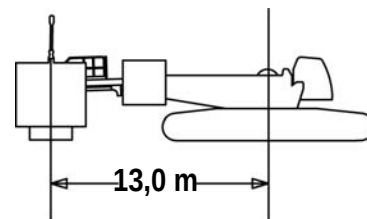
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
15,2	73,2	79,4	118 100	155 600*c									15,2
16,0	71,7	79,2	111 500	151 000*c									16,0
18,0	67,5	78,4	95 900	135 800*b									18,0
20,0	63,3	77,4	84 100	120 600*b	68,6	78,3	79 100	149 400*b					20,0
22,0	58,9	76,2	74 700	109 200*	64,4	77,4	70 100	142 100*b					22,0
24,0	54,2	74,8	67 000	100 100*	60,0	76,3	62 900	129 600*	65,5	77,2	58 800	127 900b	24,0
26,0	49,2	73,2	60 600	92 800*	55,4	74,9	56 800	116 800*	61,2	76,1	53 100	115 700	26,0
28,0	43,8	71,2	55 200	86 800*	50,6	73,3	51 700	107 200*	56,6	74,9	48 300	105 600	28,0
30,0	37,8	68,7	50 500	82 200*	45,3	71,4	47 300	99 400	51,8	73,3	44 200	97 000	30,0
32,0	30,7	65,6	46 400	78 700*	39,5	69,1	43 500	92 000	46,7	71,5	40 600	89 700	32,0
34,0	21,6	61,2	42 700	74 900*	32,7	66,2	40 100	85 400	41,0	69,3	37 400	83 200	34,0
36,0					24,3	62,3	37 100	79 000	34,5	66,6	34 600	77 600	36,0
38,0					10,2	55,2	34 200	65 100*	26,7	63,0	32 000	72 600	38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 13,0 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.	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	
15,2													15,2
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	56,9	73,9	35 700	85 700									32,0
34,0	52,1	72,4	32 800	79 600									34,0
36,0	47,0	70,6	30 300	74 200									36,0
38,0	41,3	68,5	28 100	69 500	52,1	71,1	24 100	66 300					38,0
40,0	34,9	65,8	26 100	65 200	47,0	69,3	22 400	62 300					40,0
42,0	27,2	62,2	24 200	61 400	41,3	67,1	20 700	58 600					42,0
44,0	16,0	56,8	22 400	57 800	34,9	64,4	19 200	55 300	46,6	67,5	15 900	52 700	44,0
46,0					27,2	60,9	17 900	52 300	41,0	65,3	14 800	49 900	46,0
48,0					16,1	55,5	16 500	49 500	34,5	62,5	13 700	47 300	48,0
50,0									26,6	59,0	12 700	44 900	50,0

Liftcrane Luffing Jib Capacities

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

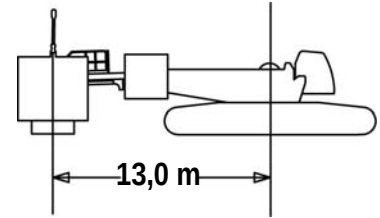
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



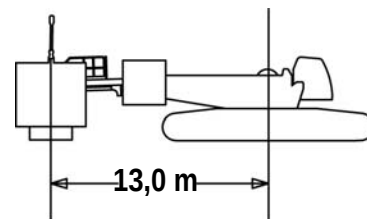
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16,8	73,6	85,2	104 600	138 700* ^b									16,8
18,0	71,5	84,8	95 800	134 800* ^b									18,0
20,0	68,1	84,0	83 800	120 800*									20,0
22,0	64,5	83,1	74 300	108 700*	69,0	84,0	69 700	132 800* ^b					22,0
24,0	60,9	82,0	66 600	99 100*	65,5	83,1	62 300	127 700*					24,0
26,0	57,2	80,8	60 200	91 200*	61,9	82,0	56 300	118 300	66,4	82,9	52 400	115 100	26,0
28,0	53,2	79,3	54 800	84 800*	58,2	80,8	51 200	107 900	62,8	81,9	47 600	105 000	28,0
30,0	49,1	77,6	50 100	79 500*	54,3	79,4	46 800	99 100	59,1	80,7	43 500	96 400	30,0
32,0	44,6	75,7	46 100	75 000*	50,2	77,8	43 000	91 500	55,3	79,4	39 900	89 100	32,0
34,0	39,7	73,4	42 600	71 400*	45,8	75,9	39 700	85 000	51,2	77,8	36 800	82 700	34,0
36,0	34,3	70,6	39 400	67 900*	41,1	73,7	36 700	79 300	46,9	76,0	34 000	77 100	36,0
38,0	27,9	67,1	36 600	63 300*	35,8	71,1	34 100	73 900	42,3	73,9	31 500	72 200	38,0
40,0	19,6	62,2	33 900	58 900*	29,7	67,8	31 700	68 300*	37,2	71,4	29 400	67 700	40,0
42,0					22,0	63,4	29 500	62 900*	31,3	68,3	27 300	63 800	42,0
44,0					9,2	55,6	27 300	52 200*	24,2	64,3	25 400	60 200	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
 62 530 kg Hanging Counterweight
 at 13,0 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.	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	
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	63,0	80,9	34 800	85 000									32,0
34,0	59,3	79,8	32 000	78 900									34,0
36,0	55,5	78,5	29 500	73 600									36,0
38,0	51,4	76,9	27 400	68 800									38,0
40,0	47,2	75,1	25 400	64 600	55,5	77,1	21 500	61 500					40,0
42,0	42,6	73,0	23 600	60 800	51,5	75,6	19 900	57 900					42,0
44,0	37,5	70,5	22 000	57 400	47,2	73,8	18 500	54 600					44,0
46,0	31,7	67,5	20 500	54 300	42,6	71,7	17 100	51 700	51,2	73,8	13 900	49 100	46,0
48,0	24,6	63,5	19 100	51 500	37,5	69,2	16 000	49 000	46,9	72,0	12 800	46 500	48,0
50,0	14,5	57,5	17 700	48 800	31,7	66,1	14 800	46 500	42,3	69,8	11 900	44 200	50,0
52,0					24,7	62,2	13 800	44 200	37,1	67,3	11 000	42 000	52,0
54,0					14,5	56,2	12 700	42 000	31,3	64,2	10 100	40 000	54,0
56,0									24,2	60,2	9 300	38 100	56,0

Liftcrane Luffing Jib Capacities

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

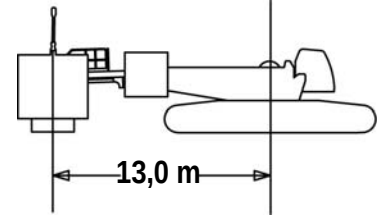
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



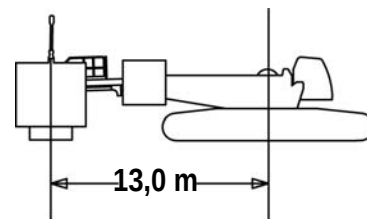
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	73,8	91,1	93 500	123 700*									18,3
20,0	71,3	90,5	83 500	119 600*									20,0
22,0	68,4	89,7	74 000	110 100*									22,0
24,0	65,4	88,8	66 300	99 400*	69,2	89,6	62 000	118 300*					24,0
26,0	62,4	87,8	59 900	91 100*	66,2	88,8	55 800	114 300					26,0
28,0	59,2	86,6	54 400	84 200*	63,2	87,8	50 700	107 800	67,0	88,6	47 100	104 500	28,0
30,0	55,9	85,3	49 800	78 500*	60,0	86,7	46 300	98 600	63,9	87,6	42 900	95 900	30,0
32,0	52,5	83,8	45 700	73 700*	56,8	85,4	42 500	91 100	60,8	86,5	39 400	88 600	32,0
34,0	48,9	82,1	42 200	69 600*	53,4	83,9	39 300	84 600	57,6	85,3	36 300	82 200	34,0
36,0	45,1	80,2	39 100	65 900*	49,9	82,3	36 300	78 800	54,3	83,9	33 500	76 600	36,0
38,0	41,1	77,9	36 300	61 200*	46,2	80,4	33 700	73 800	50,8	82,3	31 100	71 700	38,0
40,0	36,6	75,4	33 800	56 800*	42,2	78,3	31 300	69 000*	47,1	80,5	28 900	67 300	40,0
42,0	31,6	72,3	31 500	52 900*	37,8	75,8	29 200	64 000*	43,2	78,4	26 900	63 400	42,0
44,0	25,7	68,4	29 400	49 700*	33,0	72,8	27 300	59 600*	38,9	76,0	25 100	59 800	44,0
46,0	18,0	63,2	27 500	46 900*	27,4	69,3	25 500	55 700*	34,2	73,2	23 400	56 600	46,0
48,0					20,3	64,5	23 800	51 500*	28,9	69,8	21 900	53 700	48,0
50,0					8,4	56,0	22 200	42 700*	22,3	65,4	20 500	50 900	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 13,0 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	
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	61,0	85,6	28 900	73 000									36,0
38,0	57,8	84,4	26 700	68 300									38,0
40,0	54,5	83,0	24 800	64 100									40,0
42,0	51,0	81,4	23 000	60 300									42,0
44,0	47,3	79,6	21 400	57 000	54,5	81,6	17 800	54 100					44,0
46,0	43,4	77,5	20 000	53 900	51,0	80,0	16 500	51 200					46,0
48,0	39,2	75,2	18 600	51 000	47,3	78,2	15 300	48 500					48,0
50,0	34,5	72,4	17 400	48 500	43,4	76,2	14 300	46 000	50,8	78,2	11 200	43 600	50,0
52,0	29,2	69,0	16 200	46 100	39,2	73,8	13 200	43 800	47,1	76,4	10 300	41 500	52,0
54,0	22,7	64,7	15 100	43 900	34,5	71,1	12 300	41 700	43,2	74,4	9 500	39 500	54,0
56,0	13,3	58,2	14 000	41 800	29,2	67,7	11 400	39 800	38,9	72,0	8 700	37 700	56,0
58,0					22,7	63,4	10 600	38 000	34,2	69,2	8 000	36 000	58,0
60,0									28,8	65,8	7 400	34 400	60,0
62,0									22,3	61,4	6 700	32 900	62,0
64,0									12,5	54,5	6 000	31 400	64,0

Liftcrane Luffing Jib Capacities

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

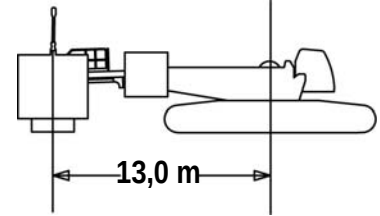
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



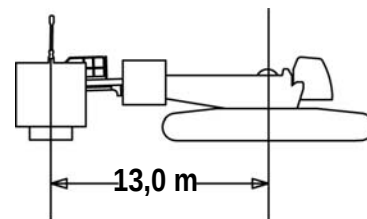
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	74,0	96,9	84 100	106 400*									19,8
20,0	73,8	96,8	83 200	106 000*									20,0
22,0	71,2	96,1	73 500	101 600*									22,0
24,0	68,7	95,4	65 800	96 600*									24,0
26,0	66,1	94,5	59 300	91 200*	69,3	95,3	55 200	104 000*					26,0
28,0	63,4	93,5	53 900	84 200*	66,8	94,4	50 000	103 000*					28,0
30,0	60,7	92,4	49 200	78 100*	64,1	93,5	45 700	98 000					30,0
32,0	57,9	91,2	45 200	73 000*	61,4	92,4	41 900	90 500	64,8	93,3	38 600	87 900	32,0
34,0	55,0	89,8	41 700	68 600*	58,6	91,2	38 600	84 000	62,1	92,3	35 500	81 600	34,0
36,0	52,0	88,3	38 500	64 300*	55,8	89,9	35 600	78 300	59,3	91,1	32 800	76 000	36,0
38,0	48,8	86,6	35 700	59 700*	52,8	88,4	33 000	73 200	56,5	89,8	30 300	71 100	38,0
40,0	45,5	84,7	33 300	55 400*	49,7	86,7	30 700	68 700	53,5	88,4	28 100	66 700	40,0
42,0	42,0	82,5	31 000	51 600*	46,4	84,9	28 600	63 900*	50,5	86,7	26 200	62 800	42,0
44,0	38,2	80,0	29 000	48 200*	43,0	82,8	26 700	59 500*	47,2	84,9	24 400	59 200	44,0
46,0	34,1	77,2	27 100	45 100*	39,3	80,4	25 000	55 700*	43,8	82,9	22 800	56 000	46,0
48,0	29,4	73,9	25 400	42 400*	35,2	77,7	23 300	52 200*	40,2	80,6	21 300	53 100	48,0
50,0	23,9	69,7	23 800	40 200*	30,7	74,5	21 900	49 000*	36,3	78,0	19 900	50 400	50,0
52,0	16,8	64,0	22 300	38 400*	25,5	70,6	20 500	46 000*	31,9	74,9	18 700	47 900	52,0
54,0					18,9	65,5	19 200	42 800*	26,9	71,2	17 400	45 700	54,0
56,0									20,8	66,5	16 300	43 600	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	59,5	90,2	23 900	63 400									40,0
42,0	56,6	88,9	22 200	59 600									42,0
44,0	53,7	87,5	20 600	56 200									44,0
46,0	50,6	85,8	19 200	53 200	56,7	87,6	15 600	50 400					46,0
48,0	47,4	84,1	17 800	50 400	53,7	86,1	14 400	47 700					48,0
50,0	44,0	82,0	16 600	47 800	50,6	84,5	13 400	45 300					50,0
52,0	40,4	79,8	15 500	45 500	47,4	82,7	12 400	43 100					52,0
54,0	36,5	77,2	14 400	43 300	44,1	80,7	11 500	41 000	50,5	82,7	8 500	38 700	54,0
56,0	32,2	74,1	13 500	41 300	40,4	78,4	10 600	39 100	47,2	80,9	7 800	36 900	56,0
58,0	27,2	70,5	12 600	39 500	36,5	75,8	9 800	37 300	43,8	78,9	7 100	35 300	58,0
60,0	21,1	65,8	11 700	37 700	32,2	72,8	9 100	35 700	40,2	76,6	6 500	33 700	60,0
62,0	12,4	58,8	10 800	36 100	27,2	69,2	8 400	34 100	36,3	74,0	5 900	32 200	62,0
64,0					21,2	64,5	7 700	32 700	31,9	70,9	5 300	30 800	64,0
66,0									26,9	67,2	4 800	29 500	66,0
68,0									20,7	62,5	4 200	28 300	68,0
70,0									11,6	55,1	3 700	27 100	70,0

Liftcrane Luffing Jib Capacities

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

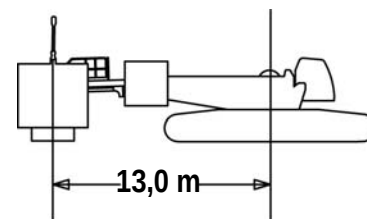
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



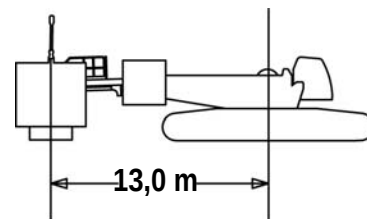
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	72,4	102,2	69 600	88 300*									22,9
24,0	71,2	101,8	65 400	86 300*									24,0
26,0	68,9	101,0	58 900	82 600*									26,0
28,0	66,6	100,2	53 400	78 700*	69,5	101,0	49 600	85 700*					28,0
30,0	64,2	99,2	48 700	74 500*	67,2	100,1	45 100	85 700*					30,0
32,0	61,8	98,2	44 700	70 200*	64,8	99,2	41 300	85 600*	67,8	99,9	38 000	81 700*	32,0
34,0	59,4	97,0	41 200	65 900*	62,5	98,2	38 000	82 300*	65,4	99,0	34 900	80 600	34,0
36,0	56,9	95,7	38 000	61 800*	60,0	97,0	35 100	77 800	63,1	98,0	32 100	75 500	36,0
38,0	54,3	94,3	35 300	57 800*	57,5	95,8	32 500	72 700	60,6	96,9	29 700	70 500	38,0
40,0	51,6	92,8	32 800	54 100*	54,9	94,4	30 200	68 200	58,2	95,7	27 500	66 200	40,0
42,0	48,8	91,0	30 500	50 600*	52,3	92,9	28 100	63 900*	55,6	94,3	25 600	62 300	42,0
44,0	45,8	89,1	28 500	47 300*	49,5	91,2	26 200	59 400*	53,0	92,9	23 800	58 700	44,0
46,0	42,8	87,0	26 700	44 300*	46,6	89,4	24 400	55 600*	50,2	91,2	22 200	55 500	46,0
48,0	39,5	84,7	25 000	41 600*	43,6	87,3	22 900	52 100*	47,4	89,4	20 700	52 600	48,0
50,0	35,9	82,0	23 400	39 100*	40,3	85,0	21 400	48 900*	44,4	87,4	19 400	49 900	50,0
52,0	32,1	78,9	22 000	36 900*	36,9	82,4	20 100	46 100*	41,2	85,2	18 100	47 500	52,0
54,0	27,7	75,3	20 600	35 000*	33,1	79,5	18 800	43 400*	37,8	82,7	16 900	45 300	54,0
56,0	22,5	70,9	19 400	33 300*	28,9	76,1	17 600	40 900*	34,1	79,8	15 800	43 100	56,0
58,0	15,8	64,8	18 200	32 100*	24,0	71,9	16 500	38 600*	30,0	76,6	14 800	41 200	58,0
60,0					17,8	66,4	15 500	36 000*	25,3	72,6	13 900	39 300	60,0
62,0									19,5	67,5	13 000	37 100*	62,0
64,0									11,0	59,7	12 000	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	60,8	96,0	21 500	59 100									42,0
44,0	58,3	94,8	19 900	55 700									44,0
46,0	55,7	93,4	18 500	52 600									46,0
48,0	53,1	91,9	17 200	49 900									48,0
50,0	50,4	90,3	16 000	47 300	55,7	92,1	12 600	44 700					50,0
52,0	47,5	88,5	14 900	45 000	53,1	90,6	11 700	42 500					52,0
54,0	44,5	86,6	13 800	42 800	50,4	89,0	10 800	40 400					54,0
56,0	41,4	84,3	12 900	40 800	47,5	87,2	10 000	38 500					56,0
58,0	38,0	81,8	12 000	39 000	44,5	85,2	9 200	36 800	50,2	87,2	6 400	34 600	58,0
60,0	34,3	79,0	11 200	37 300	41,4	83,0	8 500	35 200	47,3	85,4	5 800	33 100	60,0
62,0	30,2	75,7	10 400	35 600	38,0	80,5	7 800	33 600	44,3	83,4	5 200	31 600	62,0
64,0	25,6	71,8	9 600	34 200	34,3	77,7	7 100	32 200	41,2	81,2	4 600	30 300	64,0
66,0	19,9	66,9	8 900	32 700	30,2	74,4	6 500	30 800	37,8	78,7	4 100	29 000	66,0
68,0	11,6	59,3	8 200	31 300	25,6	70,5	5 900	29 600	34,1	75,8	3 600	27 800	68,0
70,0					19,9	65,5	5 300	28 400	30,0	72,5	3 100	26 700	70,0
72,0									25,3	68,5	2 700	25 600	72,0
74,0									19,5	63,5	2 200	24 600	74,0
76,0									10,9	55,7	1 800	23 500	76,0

Liftcrane Luffing Jib Capacities

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

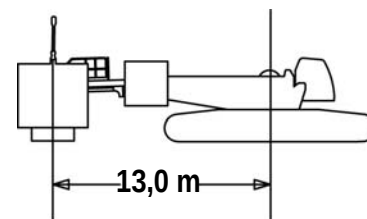
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



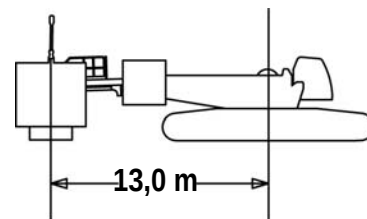
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	72,7	108,0	63 500	73 700*									24,4
26,0	71,1	107,5	58 300	73 500*									26,0
28,0	69,1	106,7	52 800	71 000*									28,0
30,0	67,0	105,9	48 100	68 000*	69,6	106,6	44 400	71 100*					30,0
32,0	64,9	104,9	44 000	64 900*	67,5	105,8	40 600	71 100*					32,0
34,0	62,7	103,9	40 500	61 600*	65,4	104,9	37 300	71 000*					34,0
36,0	60,5	102,8	37 400	58 400*	63,3	103,9	34 300	70 200*	66,0	104,7	31 400	67 700*	36,0
38,0	58,3	101,6	34 600	55 100*	61,1	102,8	31 700	67 300*	63,8	103,7	28 900	67 700*	38,0
40,0	56,0	100,3	32 100	52 000*	58,9	101,6	29 400	64 100*	61,7	102,7	26 700	65 700	40,0
42,0	53,7	98,8	29 900	48 900*	56,6	100,3	27 300	61 100*	59,5	101,5	24 800	61 600	42,0
44,0	51,2	97,2	27 900	46 000*	54,3	98,9	25 400	58 200*	57,2	100,2	23 000	58 100	44,0
46,0	48,7	95,5	26 100	43 300*	51,9	97,4	23 700	55 100*	54,9	98,9	21 400	54 900	46,0
48,0	46,1	93,6	24 400	40 800*	49,4	95,7	22 100	51 600*	52,5	97,3	20 000	52 000	48,0
50,0	43,3	91,6	22 800	38 400*	46,8	93,8	20 700	48 500*	50,0	95,7	18 600	49 300	50,0
52,0	40,4	89,2	21 400	36 200*	44,1	91,8	19 400	45 600*	47,4	93,9	17 300	46 900	52,0
54,0	37,3	86,7	20 100	34 200*	41,2	89,6	18 100	43 000*	44,8	91,9	16 200	44 600	54,0
56,0	34,0	83,8	18 900	32 400*	38,2	87,1	17 000	40 500*	41,9	89,7	15 200	42 600	56,0
58,0	30,3	80,6	17 700	30 800*	34,9	84,3	15 900	38 300*	38,9	87,3	14 100	40 600	58,0
60,0	26,2	76,7	16 600	29 400*	31,3	81,2	14 900	36 300*	35,7	84,6	13 200	38 800	60,0
62,0	21,3	72,0	15 600	28 200*	27,3	77,5	14 000	34 300*	32,3	81,6	12 300	36 900*	62,0
64,0	14,9	65,6	14 600	27 300*	22,7	73,1	13 100	32 500*	28,4	78,1	11 500	34 900*	64,0
66,0					16,8	67,2	12 200	30 300*	23,9	73,8	10 700	33 000*	66,0
68,0									18,5	68,5	10 000	31 300*	68,0
70,0									10,4	60,2	9 200	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
 62 530 kg Hanging Counterweight
 at 13,0 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.	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													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	59,6	100,6	17 600	51 900									46,0
48,0	57,3	99,3	16 300	49 100									48,0
50,0	55,0	97,9	15 100	46 600									50,0
52,0	52,6	96,4	14 000	44 300	57,3	98,0	10 700	41 700					52,0
54,0	50,1	94,8	13 000	42 100	55,0	96,6	9 800	39 700					54,0
56,0	47,6	93,0	12 100	40 200	52,6	95,1	9 000	37 800					56,0
58,0	44,9	91,0	11 200	38 300	50,2	93,5	8 300	36 100					58,0
60,0	42,1	88,9	10 400	36 600	47,6	91,7	7 600	34 400					60,0
62,0	39,1	86,5	9 600	35 000	44,9	89,7	6 900	32 900	50,0	91,7	4 300	30 900	62,0
64,0	35,9	83,8	8 900	33 600	42,1	87,5	6 300	31 500	47,4	89,9	3 700	29 500	64,0
66,0	32,5	80,8	8 200	32 100	39,1	85,1	5 700	30 200	44,7	87,9	3 200	28 300	66,0
68,0	28,6	77,3	7 500	30 800	35,9	82,5	5 100	28 900	41,9	85,7	2 700	27 100	68,0
70,0	24,2	73,1	6 900	29 600	32,5	79,4	4 600	27 800	38,9	83,3	2 300	26 000	70,0
72,0	18,8	67,8	6 300	28 400	28,6	75,9	4 100	26 600	35,7	80,6	1 900	24 900	72,0
74,0	11,0	59,9	5 700	27 200	24,2	71,8	3 600	25 600	32,2	77,5	1 500	23 900	74,0
76,0					18,8	66,5	3 100	24 600	28,4	74,0	1 000	23 000	76,0
78,0									23,9	69,8		22 100	78,0
80,0									18,4	64,4		21 200	80,0
82,0									10,3	56,2		20 300	82,0

Liftcrane Luffing Jib Capacities

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

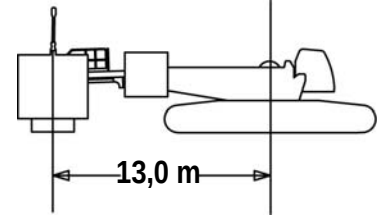
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



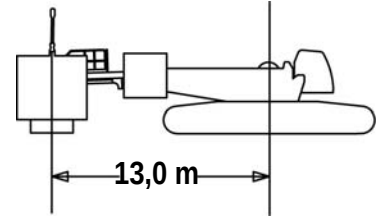
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 13,0 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	
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	62,6	107,5	16 700	51 100									46,0
48,0	60,6	106,4	15 400	48 400									48,0
50,0	58,6	105,2	14 200	45 900									50,0
52,0	56,5	103,9	13 100	43 600									52,0
54,0	54,4	102,5	12 100	41 400									54,0
56,0	52,2	100,9	11 200	39 500	56,5	102,5	8 100	37 000					56,0
58,0	50,0	99,3	10 300	37 700	54,4	101,1	7 400	35 300					58,0
60,0	47,6	97,5	9 500	35 900	52,2	99,6	6 700	33 700					60,0
62,0	45,2	95,5	8 800	34 300	50,0	97,9	6 000	32 200					62,0
64,0	42,7	93,4	8 100	32 900	47,6	96,1	5 400	30 800	52,1	97,8	2 800	28 800	64,0
66,0	40,0	91,1	7 400	31 500	45,2	94,2	4 800	29 500	49,8	96,1	2 300	27 500	66,0
68,0	37,2	88,5	6 700	30 200	42,7	92,1	4 200	28 200	47,5	94,3	1 800	26 400	68,0
70,0	34,2	85,7	6 100	28 900	40,0	89,7	3 700	27 100	45,1	92,4	1 400	25 200	70,0
72,0	30,9	82,4	5 600	27 800	37,2	87,2	3 200	26 000	42,5	90,2	1 000	24 200	72,0
74,0	27,2	78,7	5 000	26 700	34,2	84,3	2 800	24 900	39,9	87,9		23 200	74,0
76,0	23,0	74,3	4 500	25 600	30,9	81,1	2 300	23 900	37,0	85,3		22 300	76,0
78,0	17,9	68,8	4 000	24 600	27,2	77,4	1 900	23 000	34,0	82,4		21 400	78,0
80,0	10,4	60,4	3 500	23 500	23,0	73,0	1 500	22 100	30,7	79,2		20 500	80,0
82,0					17,9	67,4	1 100	21 200	27,0	75,5		19 700	82,0
84,0									22,8	71,0		19 000	84,0
86,0									17,5	65,3		18 200	86,0
88,0									9,8	56,7		17 500	88,0

Liftcrane Luffing Jib Capacities

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

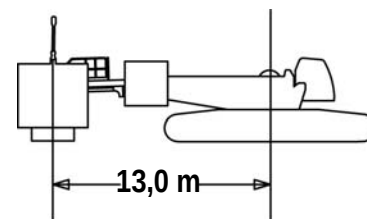
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



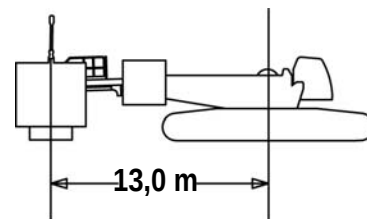
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	70,6	118,6	45 800	51 800*									30,5
32,0	69,3	118,0	42 700	51 500*									32,0
34,0	67,6	117,2	39 200	50 900*	69,7	117,9	35 800	50 200*					34,0
36,0	65,8	116,3	36 000	49 200*	68,0	117,1	32 800	50 000*					36,0
38,0	64,1	115,4	33 200	47 400*	66,3	116,3	30 200	49 700*					38,0
40,0	62,3	114,3	30 800	45 500*	64,5	115,3	27 900	49 400*	66,7	116,1	25 100	47 700*	40,0
42,0	60,5	113,2	28 500	43 500*	62,8	114,3	25 800	49 100*	65,0	115,2	23 100	47 600*	42,0
44,0	58,6	112,0	26 500	41 600*	60,9	113,2	23 900	48 900*	63,2	114,2	21 400	47 500*	44,0
46,0	56,7	110,7	24 700	39 700*	59,1	112,0	22 200	48 500*	61,4	113,1	19 800	47 400*	46,0
48,0	54,8	109,3	23 000	37 800*	57,2	110,7	20 600	47 100*	59,6	111,9	18 300	47 300*	48,0
50,0	52,8	107,8	21 400	36 000*	55,3	109,4	19 200	45 100*	57,7	110,7	17 000	47 100*	50,0
52,0	50,7	106,2	20 100	34 300*	53,3	107,9	17 900	43 200*	55,8	109,3	15 800	45 600	52,0
54,0	48,6	104,4	18 700	32 600*	51,3	106,3	16 700	41 300*	53,8	107,9	14 600	43 400	54,0
56,0	46,4	102,6	17 500	31 000*	49,2	104,6	15 500	39 400*	51,8	106,3	13 600	41 300	56,0
58,0	44,2	100,6	16 400	29 600*	47,0	102,8	14 500	37 300*	49,7	104,6	12 600	39 400	58,0
60,0	41,8	98,4	15 400	28 100*	44,8	100,8	13 500	35 300*	47,6	102,8	11 700	37 600	60,0
62,0	39,3	96,0	14 400	26 800*	42,4	98,7	12 600	33 400*	45,3	100,9	10 900	35 800	62,0
64,0	36,7	93,4	13 400	25 600*	40,0	96,3	11 700	31 600*	43,0	98,8	10 100	33 900*	64,0
66,0	33,9	90,5	12 600	24 500*	37,4	93,8	10 900	30 000*	40,6	96,5	9 300	32 100*	66,0
68,0	30,9	87,2	11 700	23 400*	34,7	91,0	10 200	28 400*	38,1	94,0	8 600	30 400*	68,0
70,0	27,6	83,6	11 000	22 500*	31,7	87,8	9 400	26 900*	35,4	91,3	7 900	28 800*	70,0
72,0	23,8	79,3	10 200	21 700*	28,5	84,3	8 800	25 600*	32,5	88,2	7 300	27 400*	72,0
74,0	19,4	74,1	9 500	21 000*	24,8	80,2	8 100	24 300*	29,3	84,8	6 700	26 000*	74,0
76,0	13,5	67,0	8 800	19 500*	20,6	75,3	7 500	23 000*	25,8	80,9	6 100	24 700*	76,0
78,0					15,3	68,9	6 800	21 100*	21,8	76,2	5 500	23 400*	78,0
80,0									16,8	70,3	5 000	22 100*	80,0
82,0									9,4	61,2	4 400	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	61,5	112,1	13 400	43 400*									50,0
52,0	59,7	111,0	12 300	43 000									52,0
54,0	57,8	109,7	11 300	40 800									54,0
56,0	55,9	108,4	10 400	38 800									56,0
58,0	53,9	107,0	9 500	37 000	57,8	108,4	6 500	34 600					58,0
60,0	51,9	105,4	8 700	35 300	55,9	107,1	5 700	33 000					60,0
62,0	49,8	103,7	8 000	33 700	53,9	105,6	5 100	31 500					62,0
64,0	47,7	101,9	7 300	32 200	51,9	104,1	4 500	30 100					64,0
66,0	45,5	100,0	6 600	30 800	49,8	102,4	3 900	28 800					66,0
68,0	43,2	97,9	6 000	29 600	47,7	100,6	3 400	27 600	51,8	102,3	900	25 600	68,0
70,0	40,8	95,7	5 400	28 300	45,5	98,7	2 900	26 400	49,7	100,6		24 500	70,0
72,0	38,2	93,2	4 800	27 200	43,2	96,6	2 400	25 300	47,6	98,8		23 500	72,0
74,0	35,5	90,4	4 300	26 100	40,8	94,3	1 900	24 300	45,3	96,9		22 500	74,0
76,0	32,6	87,4	3 800	25 000	38,2	91,8	1 500	23 300	43,0	94,8		21 600	76,0
78,0	29,5	84,0	3 300	24 100	35,5	89,1	1 100	22 400	40,6	92,5		20 700	78,0
80,0	26,0	80,1	2 900	23 200	32,7	86,1		21 500	38,1	90,0		19 900	80,0
82,0	22,0	75,5	2 400	22 300	29,5	82,7		20 700	35,4	87,2		19 100	82,0
84,0	17,1	69,6	2 000	21 400	26,0	78,8		19 800	32,5	84,2		18 300	84,0
86,0	9,9	60,9	1 500	20 100	22,0	74,2		19 100	29,3	80,8		17 600	86,0
88,0					17,1	68,3		18 300	25,8	76,8		16 900	88,0
90,0									21,7	72,1		16 300	90,0
92,0									16,8	66,2		15 600	92,0
94,0									9,4	57,1		14 900	94,0

Liftcrane Luffing Jib Capacities

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

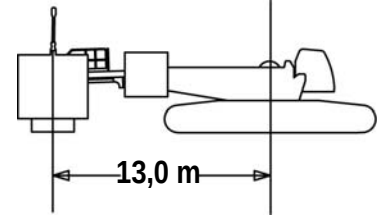
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



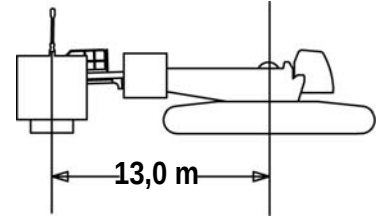
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	68,6	123,3	36 900	43 300*	70,5	123,9	33 600	42 500*					35,1
36,0	67,8	122,9	35 500	43 100*	69,8	123,6	32 200	42 400*					36,0
38,0	66,2	122,0	32 600	42 800*	68,2	122,8	29 600	42 200*					38,0
40,0	64,6	121,1	30 200	41 500*	66,6	121,9	27 300	41 900*					40,0
42,0	62,9	120,1	27 900	40 000*	65,0	121,0	25 200	41 700*	67,0	121,7	22 500	40 300*	42,0
44,0	61,3	119,0	25 900	38 500*	63,4	120,0	23 300	41 400*	65,4	120,8	20 700	40 100*	44,0
46,0	59,6	117,8	24 100	37 000*	61,7	119,0	21 600	41 100*	63,8	119,9	19 100	40 000*	46,0
48,0	57,8	116,6	22 400	35 500*	60,0	117,8	20 000	40 800*	62,1	118,8	17 700	39 900*	48,0
50,0	56,1	115,2	20 800	34 000*	58,3	116,6	18 600	40 600*	60,4	117,7	16 300	39 700*	50,0
52,0	54,3	113,8	19 400	32 600*	56,5	115,3	17 300	40 200*	58,7	116,5	15 100	39 500*	52,0
54,0	52,4	112,3	18 100	31 200*	54,7	113,9	16 000	38 700*	57,0	115,2	14 000	39 400*	54,0
56,0	50,5	110,7	16 900	29 800*	52,9	112,4	14 900	37 300*	55,2	113,8	12 900	39 200*	56,0
58,0	48,6	108,9	15 800	28 400*	51,0	110,8	13 900	35 800*	53,4	112,4	11 900	38 900	58,0
60,0	46,6	107,1	14 700	27 200*	49,1	109,1	12 900	34 300*	51,5	110,8	11 000	37 000	60,0
62,0	44,5	105,1	13 800	26 000*	47,1	107,3	12 000	32 700*	49,6	109,1	10 200	35 200*	62,0
64,0	42,3	102,9	12 800	24 900*	45,0	105,3	11 100	30 900*	47,6	107,3	9 400	33 200*	64,0
66,0	40,1	100,6	12 000	23 800*	42,9	103,2	10 300	29 300*	45,6	105,4	8 600	31 400*	66,0
68,0	37,7	98,0	11 200	22 800*	40,7	100,9	9 500	27 800*	43,5	103,3	7 900	29 800*	68,0
70,0	35,2	95,3	10 400	21 900*	38,3	98,4	8 800	26 400*	41,3	101,1	7 300	28 200*	70,0
72,0	32,5	92,2	9 700	21 000*	35,9	95,7	8 200	25 000*	38,9	98,7	6 600	26 800*	72,0
74,0	29,6	88,8	9 000	20 200*	33,2	92,8	7 500	23 800*	36,5	96,0	6 000	25 400*	74,0
76,0	26,5	85,0	8 300	19 500*	30,4	89,5	6 900	22 600*	33,9	93,1	5 500	24 200*	76,0
78,0	22,8	80,5	7 700	18 900*	27,3	85,7	6 300	21 400*	31,1	89,9	5 000	23 000*	78,0
80,0	18,6	75,1	7 100	18 200*	23,8	81,5	5 800	20 400*	28,1	86,3	4 400	21 800*	80,0
82,0	13,0	67,7	6 500	16 200*	19,8	76,3	5 200	19 300*	24,8	82,2	3 900	20 700*	82,0
84,0					14,6	69,6	4 700	17 600*	20,9	77,3	3 400	19 600*	84,0
86,0									16,1	71,1	3 000	18 500*	86,0
88,0									9,0	61,7	2 500	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

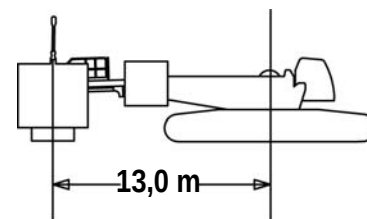
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



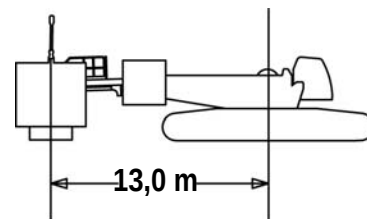
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	67,9	128,5	31 800	36 400*	69,8	129,2	28 700	35 900*					38,1
40,0	66,5	127,7	29 400	36 000*	68,4	128,5	26 500	35 600*					40,0
42,0	65,0	126,8	27 200	35 600*	66,9	127,6	24 400	35 300*					42,0
44,0	63,5	125,8	25 200	35 100*	65,4	126,7	22 500	35 000*					44,0
46,0	62,0	124,7	23 300	34 000*	63,9	125,7	20 800	34 700*	65,8	126,5	18 200	33 800*	46,0
48,0	60,4	123,6	21 600	32 800*	62,4	124,7	19 200	34 400*	64,3	125,6	16 800	33 600*	48,0
50,0	58,8	122,4	20 100	31 600*	60,8	123,6	17 800	34 100*	62,7	124,6	15 500	33 500*	50,0
52,0	57,2	121,1	18 700	30 400*	59,2	122,4	16 500	33 900*	61,2	123,5	14 300	33 200*	52,0
54,0	55,5	119,8	17 400	29 300*	57,6	121,2	15 200	33 600*	59,6	122,3	13 100	33 000*	54,0
56,0	53,9	118,3	16 200	28 200*	56,0	119,8	14 100	33 300*	58,0	121,1	12 100	32 800*	56,0
58,0	52,1	116,8	15 100	27 000*	54,3	118,4	13 100	33 000*	56,4	119,7	11 100	32 600*	58,0
60,0	50,4	115,1	14 000	26 000*	52,6	116,9	12 100	32 200*	54,7	118,3	10 200	32 400*	60,0
62,0	48,6	113,4	13 100	24 900*	50,8	115,3	11 200	31 000*	53,0	116,9	9 400	32 200*	62,0
64,0	46,7	111,5	12 100	23 900*	49,0	113,6	10 300	29 900*	51,3	115,3	8 600	32 000*	64,0
66,0	44,8	109,6	11 300	22 900*	47,2	111,7	9 600	28 600*	49,5	113,6	7 800	30 800*	66,0
68,0	42,8	107,4	10 500	22 000*	45,3	109,8	8 800	27 100*	47,7	111,8	7 100	29 100*	68,0
70,0	40,7	105,1	9 700	21 100*	43,3	107,7	8 100	25 700*	45,8	109,9	6 500	27 600*	70,0
72,0	38,5	102,7	9 000	20 300*	41,3	105,5	7 400	24 400*	43,8	107,8	5 900	26 100*	72,0
74,0	36,3	100,0	8 300	19 500*	39,1	103,1	6 800	23 100*	41,8	105,6	5 300	24 700*	74,0
76,0	33,9	97,1	7 600	18 800*	36,9	100,4	6 200	21 900*	39,7	103,2	4 700	23 500*	76,0
78,0	31,3	93,9	7 000	18 200*	34,5	97,6	5 600	20 800*	37,5	100,7	4 200	22 300*	78,0
80,0	28,5	90,3	6 400	17 600*	32,0	94,5	5 100	19 700*	35,1	97,9	3 700	21 200*	80,0
82,0	25,5	86,3	5 900	17 000*	29,3	91,0	4 500	18 700*	32,6	94,9	3 200	20 100*	82,0
84,0	22,0	81,7	5 300	16 500*	26,3	87,1	4 000	17 800*	30,0	91,5	2 700	19 000*	84,0
86,0	17,9	76,0	4 800	15 100*	22,9	82,7	3 500	16 800*	27,1	87,7	2 300	18 100*	86,0
88,0	12,5	68,3	4 300	13 000*	19,0	77,3	3 100	15 900*	23,8	83,4	1 800	17 100*	88,0
90,0					14,1	70,3	2 600	14 300*	20,1	78,3	1 400	16 200*	90,0
92,0									15,5	71,9	1 000	15 200*	92,0
94,0									8,6	62,1		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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
38,1													38,1
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0	61,3	122,5	8 700	30 700*									56,0
58,0	59,7	121,4	7 900	30 700*									58,0
60,0	58,1	120,1	7 100	30 700*									60,0
62,0	56,5	118,8	6 300	30 600*									62,0
64,0	54,8	117,4	5 600	30 600*									64,0
66,0	53,1	115,9	5 000	29 600	56,5	117,5	2 200	27 400					66,0
68,0	51,4	114,4	4 400	28 300	54,8	116,1	1 700	26 200					68,0
70,0	49,6	112,7	3 800	27 000	53,1	114,6	1 200	25 000					70,0
72,0	47,8	110,9	3 300	25 900	51,4	113,0		24 000					72,0
74,0	45,9	109,0	2 800	24 900	49,6	111,3		22 900					74,0
76,0	43,9	106,9	2 300	23 800	47,8	109,6		22 000	51,3	111,2	20 200		76,0
78,0	41,9	104,7	1 800	22 900	45,9	107,7		21 100	49,5	109,6	19 300		78,0
80,0	39,8	102,4	1 400	22 000	43,9	105,6		20 200	47,6	107,7	18 500		80,0
82,0	37,6	99,8	1 000	21 100	41,9	103,4		19 400	45,8	105,8	17 700		82,0
84,0	35,2	97,1		20 200	39,8	101,1		18 600	43,8	103,8	17 000		84,0
86,0	32,8	94,1		19 500	37,6	98,5		17 900	41,8	101,6	16 300		86,0
88,0	30,1	90,7		18 700	35,3	95,7		17 100	39,7	99,2	15 600		88,0
90,0	27,2	87,0		18 000	32,8	92,7		16 400	37,4	96,7	14 900*		90,0
92,0	24,0	82,7		17 200	30,1	89,4		15 800	35,1	93,9	14 200*		92,0
94,0	20,3	77,7		16 400*	27,2	85,6		15 200	32,6	90,8	13 500*		94,0
96,0	15,8	71,3		15 500*	24,0	81,4		14 600	30,0	87,5	12 900*		96,0
98,0					20,3	76,3		14 000	27,0	83,7	12 300*		98,0
100,0					15,8	70,0		13 400	23,8	79,4	11 700*		100,0
102,0					9,2	60,5		12 700*	20,1	74,3	11 100*		102,0
104,0									15,5	67,8	10 500*		104,0
106,0									8,6	58,0	9 900*		106,0

Liftcrane Luffing Jib Capacities

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

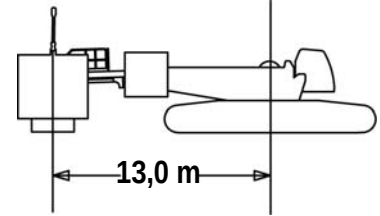
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
13,7	73,7	79,7	134 800	177 500*c									13,7
14,0	73,0	79,7	131 700	174 200*c									14,0
16,0	67,9	78,9	111 000	151 700*c									16,0
18,0	62,5	77,9	95 900	133 800*b									18,0
20,0	56,9	76,6	84 100	120 400*b	64,8	78,0	78 400	158 500*b					20,0
22,0	50,8	75,1	74 700	109 900*	59,3	76,8	69 600	142 100*b					22,0
24,0	44,2	73,1	66 900	101 800*	53,4	75,4	62 400	127 900*	61,6	76,9	57 800	127 100b	24,0
26,0	36,5	70,6	60 500	95 700*	47,0	73,6	56 300	117 100	55,9	75,6	52 100	114 900b	26,0
28,0	26,9	67,1	54 900	91 800*	39,8	71,4	51 200	108 100	49,7	73,9	47 400	104 900	28,0
30,0					31,2	68,4	46 800	99 200	42,9	71,9	43 300	96 400	30,0
32,0					19,1	63,7	42 800	91 500	35,0	69,2	39 700	89 000	32,0
34,0									24,8	65,5	36 500	82 500	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

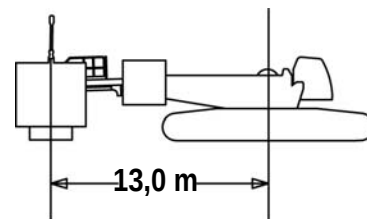
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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.	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	
13,7													13,7
14,0													14,0
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0	57,7	74,9	37 400	91 700b									30,0
32,0	51,7	73,4	34 200	84 600									32,0
34,0	45,1	71,5	31 500	78 600									34,0
36,0	37,6	69,1	29 100	73 300	53,2	72,3	24 300	69 600					36,0
38,0	28,3	65,7	26 800	68 500	46,8	70,5	22 400	65 100					38,0
40,0					39,6	68,2	20 700	61 000					40,0
42,0					30,9	65,2	19 200	57 400	48,0	69,0	15 300	54 400	42,0
44,0					18,6	60,5	17 700	54 100	41,0	66,8	14 100	51 300	44,0
46,0									32,6	63,9	13 000	48 500	46,0
48,0									21,4	59,7	11 900	45 900	48,0

Liftcrane Luffing Jib Capacities

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

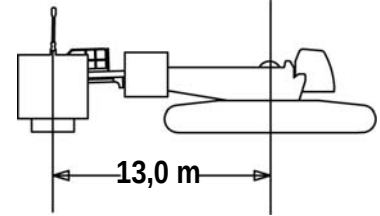
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



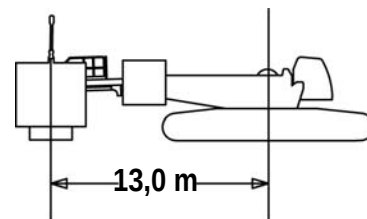
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16,8	71,0	85,0	104 800	144 100*b									16,8
18,0	68,4	84,5	96 000	133 500*b									18,0
20,0	64,2	83,6	84 000	119 100*b	70,1	84,6	78 100	150 300*b					20,0
22,0	59,8	82,5	74 600	107 900*	66,0	83,7	69 300	141 900*b					22,0
24,0	55,2	81,1	66 900	99 100*	61,7	82,7	62 100	130 100*					24,0
26,0	50,3	79,5	60 500	91 900*	57,2	81,4	56 100	117 200*	63,4	82,6	51 700	114 500b	26,0
28,0	45,0	77,6	55 100	86 100*	52,4	79,9	51 100	107 500	59,0	81,5	47 000	104 500	28,0
30,0	39,1	75,3	50 400	81 600*	47,3	78,1	46 700	99 000	54,4	80,1	43 000	96 000	30,0
32,0	32,3	72,3	46 300	78 200*	41,7	76,0	42 900	91 500	49,4	78,4	39 500	88 700	32,0
34,0	23,8	68,3	42 600	74 000*	35,3	73,3	39 600	84 900	44,0	76,4	36 400	82 400	34,0
36,0					27,7	69,8	36 600	79 100	38,0	74,0	33 700	76 800	36,0
38,0					16,9	64,6	33 800	71 000	31,0	70,9	31 200	71 900	38,0
40,0									21,9	66,6	28 900	67 400	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	60,4	80,7	33 700	84 200									32,0
34,0	55,8	79,4	31 100	78 200									34,0
36,0	51,0	77,8	28 700	72 900									36,0
38,0	45,7	76,0	26 500	68 200									38,0
40,0	40,0	73,7	24 600	64 000	52,2	76,8	20 200	60 600					40,0
42,0	33,3	70,9	22 800	60 300	47,1	75,0	18 700	57 000					42,0
44,0	25,1	67,1	21 200	56 800	41,5	72,8	17 400	53 800					44,0
46,0					35,1	70,2	16 100	50 900	48,1	73,4	12 500	48 100	46,0
48,0					27,4	66,7	14 900	48 200	42,6	71,3	11 500	45 600	48,0
50,0					16,5	61,3	13 700	45 700	36,3	68,8	10 600	43 200	50,0
52,0									29,0	65,5	9 700	41 100	52,0
54,0									18,9	60,6	8 900	39 100	54,0

Liftcrane Luffing Jib Capacities

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

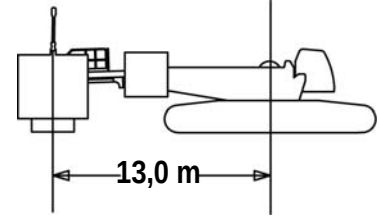
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	71,7	90,9	93 600	131 300* ^b									18,3
20,0	68,8	90,2	83 700	118 800* ^b									20,0
22,0	65,3	89,3	74 200	107 100*									22,0
24,0	61,7	88,3	66 500	97 700*	66,8	89,4	61 500	127 300*					24,0
26,0	58,0	87,0	60 100	90 100*	63,2	88,4	55 500	117 500					26,0
28,0	54,1	85,6	54 600	83 900*	59,5	87,2	50 400	107 100	64,7	88,3	46 300	103 900	28,0
30,0	49,9	84,0	50 000	78 700*	55,7	85,9	46 100	98 400	61,0	87,3	42 200	95 400	30,0
32,0	45,6	82,1	46 000	74 400*	51,7	84,4	42 400	91 000	57,3	86,0	38 800	88 100	32,0
34,0	40,8	79,9	42 400	70 000*	47,4	82,6	39 100	84 400	53,4	84,6	35 700	81 800	34,0
36,0	35,5	77,2	39 300	64 600*	42,8	80,5	36 200	78 800	49,2	82,9	33 000	76 200	36,0
38,0	29,3	73,9	36 500	60 200*	37,8	78,1	33 500	73 700	44,8	80,9	30 600	71 300	38,0
40,0	21,6	69,4	33 900	56 900*	32,0	75,0	31 200	69 200	39,9	78,6	28 500	67 000	40,0
42,0					25,1	71,2	29 000	64 900	34,5	75,9	26 500	63 000	42,0
44,0					15,3	65,3	27 000	57 100*	28,1	72,4	24 700	59 500	44,0
46,0									19,9	67,7	23 000	56 300	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

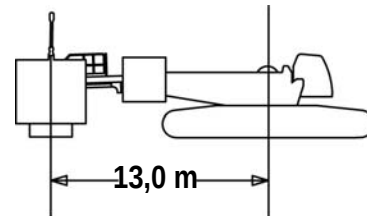
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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.	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	
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	58,5	85,3	27 800	72 200									36,0
38,0	54,6	83,9	25 700	67 500									38,0
40,0	50,5	82,3	23 800	63 400									40,0
42,0	46,2	80,5	22 100	59 700	55,6	82,8	17 800	56 300					42,0
44,0	41,5	78,3	20 600	56 300	51,6	81,2	16 500	53 100					44,0
46,0	36,2	75,7	19 200	53 200	47,3	79,5	15 300	50 200					46,0
48,0	30,2	72,5	17 800	50 500	42,7	77,4	14 100	47 600					48,0
50,0	22,8	68,2	16 600	47 900	37,6	74,9	13 100	45 200	48,1	77,9	9 600	42 500	50,0
52,0					31,9	71,9	12 200	43 000	43,6	75,9	8 900	40 400	52,0
54,0					24,9	68,0	11 300	40 900	38,6	73,5	8 100	38 500	54,0
56,0					14,9	62,0	10 300	38 900	33,0	70,6	7 400	36 700	56,0
58,0									26,3	66,9	6 700	35 000	58,0
60,0									17,1	61,5	6 000	33 400	60,0

Liftcrane Luffing Jib Capacities

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

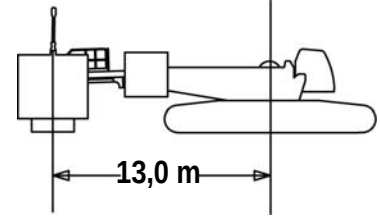
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



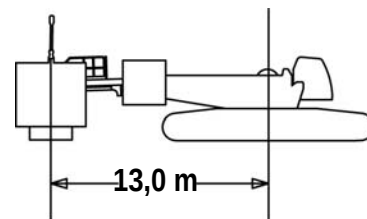
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	72,2	96,7	84 400	112 800*									19,8
20,0	71,9	96,6	83 500	112 300*									20,0
22,0	69,0	95,9	73 900	106 100*									22,0
24,0	66,1	95,0	66 100	98 000*									24,0
26,0	63,0	94,0	59 700	89 700*	67,3	95,1	55 000	114 100					26,0
28,0	59,9	92,9	54 300	83 100*	64,3	94,1	50 000	107 000					28,0
30,0	56,6	91,6	49 600	77 500*	61,2	93,0	45 600	98 000	65,5	94,1	41 700	94 900	30,0
32,0	53,2	90,1	45 600	72 800*	58,0	91,8	41 900	90 500	62,5	93,0	38 200	87 600	32,0
34,0	49,7	88,5	42 100	67 700*	54,7	90,4	38 600	84 000	59,3	91,9	35 100	81 300	34,0
36,0	46,0	86,6	38 900	62 600*	51,2	88,8	35 700	78 300	56,0	90,5	32 500	75 800	36,0
38,0	41,9	84,4	36 200	58 000*	47,5	87,1	33 100	73 300	52,6	89,1	30 100	70 900	38,0
40,0	37,6	81,9	33 700	53 900*	43,7	85,0	30 800	68 800	49,1	87,3	28 000	66 600	40,0
42,0	32,7	79,0	31 400	50 300*	39,4	82,7	28 700	64 700	45,3	85,4	26 000	62 600	42,0
44,0	27,0	75,3	29 400	47 300*	34,8	79,9	26 800	60 300*	41,2	83,2	24 200	59 100	44,0
46,0	19,9	70,5	27 400	45 100*	29,5	76,6	25 100	56 200*	36,8	80,7	22 600	55 900	46,0
48,0					23,1	72,4	23 400	52 700*	31,8	77,6	21 200	53 000	48,0
50,0					14,1	66,1	21 900	46 900*	25,9	73,8	19 800	50 400	50,0
52,0									18,3	68,6	18 500	47 800	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
 62 530 kg Hanging Counterweight
 at 13,0 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.	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													32,0
34,0													34,0
36,0													36,0
38,0	60,3	91,1	25 000	66 900									38,0
40,0	57,1	89,9	23 200	62 800									40,0
42,0	53,7	88,4	21 500	59 100									42,0
44,0	50,2	86,8	20 000	55 800									44,0
46,0	46,5	84,9	18 600	52 800	54,6	87,3	14 600	49 600					46,0
48,0	42,5	82,8	17 300	50 000	51,1	85,7	13 500	47 000					48,0
50,0	38,2	80,4	16 100	47 500	47,4	83,9	12 500	44 600					50,0
52,0	33,4	77,5	15 000	45 200	43,5	81,9	11 600	42 500	51,7	84,1	8 100	39 800	52,0
54,0	27,9	74,0	14 000	43 000	39,3	79,5	10 700	40 400	48,1	82,4	7 400	37 900	54,0
56,0	21,0	69,3	13 000	41 000	34,7	76,8	9 900	38 600	44,3	80,4	6 700	36 200	56,0
58,0					29,4	73,4	9 100	36 800	40,1	78,1	6 100	34 500	58,0
60,0					22,9	69,2	8 400	35 200	35,5	75,4	5 500	33 000	60,0
62,0					13,7	62,7	7 600	33 600	30,4	72,2	5 000	31 500	62,0
64,0									24,2	68,1	4 400	30 200	64,0
66,0									15,8	62,3	3 800	28 900	66,0

Liftcrane Luffing Jib Capacities

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

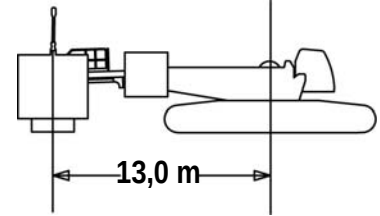
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



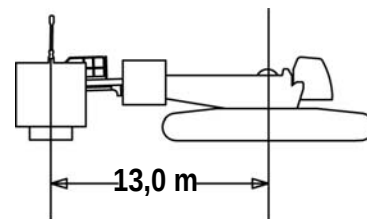
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	72,6	102,5	76 300	96 700*									21,3
22,0	71,8	102,3	73 500	95 200*									22,0
24,0	69,2	101,5	65 600	90 600*									24,0
26,0	66,6	100,7	59 100	85 500*	70,3	101,5	54 300	98 400*					26,0
28,0	64,0	99,7	53 700	80 300*	67,7	100,7	49 300	97 600*					28,0
30,0	61,3	98,7	49 000	75 100*	65,1	99,8	44 900	94 000*					30,0
32,0	58,5	97,4	45 000	70 000*	62,4	98,8	41 200	89 100*	66,2	99,7	37 400	86 900	32,0
34,0	55,6	96,1	41 500	65 200*	59,6	97,6	37 900	83 500	63,5	98,7	34 300	80 600	34,0
36,0	52,6	94,6	38 400	60 600*	56,8	96,3	35 000	77 700	60,8	97,7	31 700	75 100	36,0
38,0	49,5	92,9	35 600	56 300*	53,9	94,9	32 500	72 700	58,0	96,4	29 300	70 300	38,0
40,0	46,2	91,1	33 100	52 400*	50,8	93,3	30 200	68 200	55,1	95,1	27 200	65 900	40,0
42,0	42,8	88,9	30 900	48 900*	47,6	91,5	28 100	64 000*	52,1	93,5	25 300	62 000	42,0
44,0	39,1	86,6	28 900	45 700*	44,2	89,5	26 200	59 500*	48,9	91,8	23 500	58 500	44,0
46,0	35,0	83,8	27 000	42 800*	40,6	87,3	24 500	55 400*	45,6	89,9	22 000	55 400	46,0
48,0	30,5	80,6	25 300	40 400*	36,7	84,7	22 900	51 700*	42,1	87,8	20 500	52 500	48,0
50,0	25,2	76,7	23 700	38 300*	32,4	81,7	21 500	48 300*	38,4	85,3	19 100	49 800	50,0
52,0	18,5	71,4	22 200	36 700*	27,5	78,1	20 100	45 400*	34,2	82,5	17 900	47 400	52,0
54,0					21,5	73,5	18 800	42 900*	29,6	79,2	16 800	45 100	54,0
56,0					13,1	66,7	17 600	38 800*	24,1	75,1	15 700	43 000	56,0
58,0									17,0	69,5	14 600	41 000	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
 62 530 kg Hanging Counterweight
 at 13,0 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.	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													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	61,6	96,9	22 300	62 100									40,0
42,0	58,9	95,7	20 600	58 400									42,0
44,0	56,0	94,4	19 100	55 100									44,0
46,0	53,0	92,9	17 700	52 100									46,0
48,0	49,9	91,3	16 500	49 300	56,7	93,2	12 500	46 300					48,0
50,0	46,7	89,4	15 300	46 800	53,8	91,8	11 500	43 900					50,0
52,0	43,3	87,4	14 300	44 500	50,7	90,2	10 600	41 700					52,0
54,0	39,6	85,0	13 300	42 400	47,5	88,4	9 800	39 700					54,0
56,0	35,6	82,3	12 400	40 500	44,1	86,4	9 000	37 900					56,0
58,0	31,1	79,2	11 500	38 600	40,5	84,1	8 300	36 200	48,1	86,8	5 100	33 700	58,0
60,0	26,0	75,3	10 600	36 900	36,6	81,5	7 600	34 500	44,8	84,9	4 600	32 200	60,0
62,0	19,5	70,3	9 800	35 300	32,3	78,5	7 000	33 100	41,2	82,7	4 100	30 800	62,0
64,0	9,3	62,0	9 000	33 700	27,4	74,9	6 300	31 600	37,4	80,1	3 600	29 500	64,0
66,0					21,3	70,3	5 700	30 300	33,1	77,2	3 100	28 200	66,0
68,0					12,7	63,3	5 100	29 000	28,3	73,7	2 600	27 100	68,0
70,0									22,5	69,3	2 200	26 000	70,0
72,0									14,7	63,0	1 700	24 900	72,0

Liftcrane Luffing Jib Capacities

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

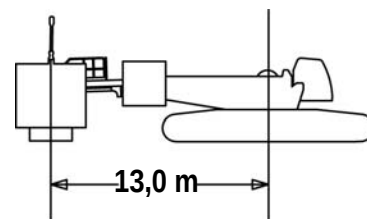
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



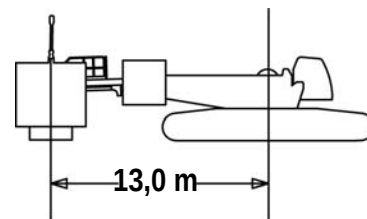
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	72,9	108,3	69 400	83 200*									22,9
24,0	71,6	107,9	65 200	81 400*									24,0
26,0	69,4	107,2	58 700	77 800*									26,0
28,0	67,1	106,4	53 200	74 100*	70,3	107,2	48 700	81 700*					28,0
30,0	64,7	105,4	48 500	70 100*	68,0	106,4	44 400	81 700*					30,0
32,0	62,3	104,4	44 500	66 100*	65,7	105,5	40 600	81 500*					32,0
34,0	59,9	103,3	41 000	62 200*	63,3	104,5	37 300	77 900*	66,7	105,4	33 700	78 000	34,0
36,0	57,4	102,0	37 900	58 300*	60,9	103,4	34 400	74 100*	64,3	104,5	31 000	74 900	36,0
38,0	54,8	100,6	35 100	54 600*	58,4	102,2	31 900	70 200*	61,9	103,4	28 600	69 700	38,0
40,0	52,1	99,1	32 600	51 000*	55,9	100,9	29 600	66 200*	59,5	102,2	26 600	65 400	40,0
42,0	49,4	97,4	30 400	47 800*	53,3	99,4	27 500	62 200*	56,9	101,0	24 600	61 500	42,0
44,0	46,5	95,5	28 400	44 700*	50,5	97,8	25 700	58 400*	54,3	99,6	22 900	58 000	44,0
46,0	43,4	93,5	26 600	41 900*	47,7	96,0	23 900	54 700*	51,7	98,0	21 300	54 800	46,0
48,0	40,2	91,2	24 900	39 400*	44,7	94,0	22 400	51 200*	48,9	96,3	19 900	52 000	48,0
50,0	36,7	88,6	23 300	37 100*	41,6	91,8	20 900	47 900*	45,9	94,4	18 600	49 300	50,0
52,0	32,9	85,6	21 900	35 000*	38,2	89,4	19 600	45 000*	42,9	92,3	17 300	46 900	52,0
54,0	28,6	82,1	20 500	33 200*	34,5	86,6	18 400	42 200*	39,6	89,9	16 200	44 700	54,0
56,0	23,7	77,9	19 300	31 700*	30,5	83,3	17 200	39 800*	36,1	87,3	15 200	42 600	56,0
58,0	17,4	72,3	18 100	30 600*	25,9	79,5	16 100	37 600*	32,2	84,2	14 200	40 700	58,0
60,0					20,3	74,6	15 100	35 800*	27,8	80,7	13 300	38 900	60,0
62,0					12,3	67,3	14 100	32 600*	22,7	76,3	12 400	37 200	62,0
64,0									16,0	70,3	11 500	35 600	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0	60,2	101,5	18 400	54 500									44,0
46,0	57,7	100,3	17 000	51 500									46,0
48,0	55,2	98,9	15 800	48 700									48,0
50,0	52,5	97,4	14 600	46 200									50,0
52,0	49,7	95,7	13 600	44 000	55,8	97,8	9 900	41 100					52,0
54,0	46,9	93,9	12 600	41 900	53,2	96,3	9 100	39 100					54,0
56,0	43,8	91,9	11 700	39 900	50,5	94,7	8 300	37 300					56,0
58,0	40,6	89,6	10 900	38 100	47,6	92,9	7 600	35 600					58,0
60,0	37,2	87,1	10 100	36 400	44,6	90,9	6 900	34 000	50,9	93,1	3 800	31 600	60,0
62,0	33,4	84,1	9 300	34 800	41,5	88,7	6 300	32 500	48,1	91,3	3 300	30 200	62,0
64,0	29,3	80,7	8 600	33 400	38,1	86,2	5 700	31 100	45,2	89,4	2 800	28 900	64,0
66,0	24,4	76,6	8 000	32 000	34,4	83,4	5 100	29 800	42,0	87,2	2 400	27 700	66,0
68,0	18,4	71,3	7 300	30 600	30,4	80,2	4 600	28 600	38,7	84,8	1 900	26 500	68,0
70,0	8,7	62,4	6 600	29 400	25,7	76,3	4 100	27 400	35,1	82,1	1 500	25 400	70,0
72,0					20,1	71,3	3 600	26 300	31,1	78,9	1 100	24 400	72,0
74,0					12,0	64,0	3 100	25 200	26,6	75,1		23 400	74,0
76,0									21,2	70,4		22 500	76,0
78,0									13,8	63,7		21 500	78,0

Liftcrane Luffing Jib Capacities

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

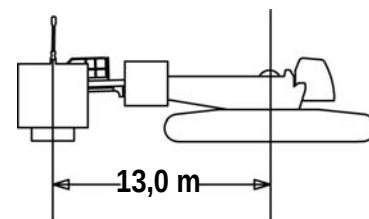
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



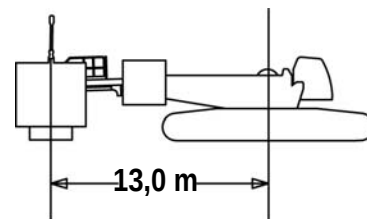
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	73,1	114,1	63 300	70 700*									24,4
26,0	71,5	113,6	58 100	69 900*									26,0
28,0	69,5	112,8	52 600	67 200*									28,0
30,0	67,4	112,0	47 900	64 300*									30,0
32,0	65,3	111,1	43 900	61 300*	68,3	112,1	39 900	68 400*					32,0
34,0	63,2	110,1	40 300	58 200*	66,2	111,2	36 600	68 400*					34,0
36,0	61,0	109,0	37 200	55 100*	64,1	110,2	33 700	67 800*					36,0
38,0	58,8	107,8	34 500	52 000*	61,9	109,2	31 100	65 300*	64,9	110,2	27 800	65 400*	38,0
40,0	56,5	106,5	32 000	49 100*	59,7	108,0	28 800	62 300*	62,8	109,2	25 700	64 600	40,0
42,0	54,2	105,1	29 700	46 200*	57,5	106,8	26 800	59 200*	60,6	108,0	23 800	60 800	42,0
44,0	51,7	103,6	27 700	43 500*	55,1	105,4	24 900	56 100*	58,4	106,8	22 100	57 300	44,0
46,0	49,2	101,9	25 900	40 900*	52,8	103,9	23 200	53 100*	56,1	105,5	20 500	54 200	46,0
48,0	46,6	100,0	24 200	38 500*	50,3	102,3	21 600	50 100*	53,7	104,1	19 100	51 300	48,0
50,0	43,9	98,0	22 700	36 300*	47,7	100,5	20 200	47 200*	51,3	102,5	17 800	48 700	50,0
52,0	41,0	95,7	21 300	34 200*	45,1	98,5	18 900	44 400*	48,8	100,8	16 600	46 300	52,0
54,0	38,0	93,2	19 900	32 400*	42,3	96,4	17 700	41 800*	46,2	98,9	15 500	44 000	54,0
56,0	34,7	90,5	18 700	30 700*	39,3	94,0	16 600	39 400*	43,4	96,8	14 400	42 000	56,0
58,0	31,1	87,3	17 600	29 200*	36,1	91,3	15 600	37 200*	40,5	94,5	13 500	40 100	58,0
60,0	27,1	83,6	16 500	27 900*	32,7	88,3	14 600	35 200*	37,4	92,0	12 500	38 300	60,0
62,0	22,4	79,1	15 500	26 800*	28,8	84,9	13 600	33 300*	34,1	89,1	11 700	36 700	62,0
64,0	16,4	73,2	14 500	25 900*	24,5	80,7	12 700	31 700*	30,5	85,9	10 900	35 100	64,0
66,0					19,2	75,6	11 900	30 200*	26,3	82,1	10 200	33 600	66,0
68,0					11,6	67,9	11 000	27 300*	21,5	77,4	9 400	32 200	68,0
70,0									15,1	71,1	8 700	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	61,3	107,3	16 100	50 700									46,0
48,0	59,1	106,1	14 900	48 000									48,0
50,0	56,8	104,8	13 800	45 500									50,0
52,0	54,5	103,4	12 700	43 200									52,0
54,0	52,1	101,9	11 700	41 200									54,0
56,0	49,6	100,2	10 900	39 200	55,1	102,3	7 300	36 500					56,0
58,0	47,0	98,4	10 000	37 400	52,7	100,8	6 600	34 800					58,0
60,0	44,3	96,4	9 300	35 700	50,2	99,1	6 000	33 200					60,0
62,0	41,4	94,2	8 500	34 200	47,7	97,4	5 400	31 800					62,0
64,0	38,4	91,7	7 800	32 800	45,0	95,4	4 800	30 400	50,7	97,6	1 900	28 100	64,0
66,0	35,2	89,0	7 200	31 300	42,2	93,2	4 300	29 100	48,1	95,8	1 400	26 900	66,0
68,0	31,6	85,8	6 600	30 100	39,2	90,8	3 800	27 900	45,5	93,9	1 000	25 700	68,0
70,0	27,7	82,2	6 000	28 900	36,0	88,2	3 300	26 700	42,7	91,7		24 700	70,0
72,0	23,1	77,8	5 400	27 700	32,6	85,2	2 800	25 700	39,8	89,4		23 700	72,0
74,0	17,4	72,2	4 900	26 600	28,7	81,7	2 400	24 600	36,6	86,8		22 700	74,0
76,0	8,2	62,8	4 300	25 500	24,3	77,5	1 900	23 700	33,2	83,8		21 800	76,0
78,0					19,0	72,3	1 500	22 700	29,5	80,5		20 900	78,0
80,0					11,3	64,5	1 000	21 800	25,2	76,5		20 100	80,0
82,0									20,0	71,5		19 300	82,0
84,0									13,0	64,4		18 500	84,0

Liftcrane Luffing Jib Capacities

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

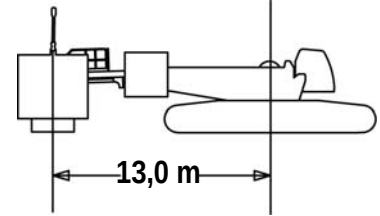
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



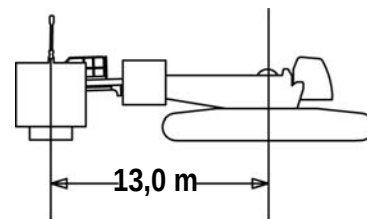
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	70,5	118,9	49 600	59 100*									29,0
30,0	69,6	118,5	47 300	58 000*									30,0
32,0	67,7	117,7	43 200	55 900*	70,3	118,5	39 000	57 400*					32,0
34,0	65,8	116,8	39 600	53 600*	68,5	117,7	35 800	57 400*					34,0
36,0	63,9	115,8	36 500	51 300*	66,6	116,9	32 900	57 300*					36,0
38,0	61,9	114,8	33 700	48 900*	64,7	115,9	30 300	57 100*					38,0
40,0	59,9	113,7	31 300	46 500*	62,7	114,9	28 000	56 800*	65,5	115,9	24 800	54 700*	40,0
42,0	57,9	112,4	29 000	44 100*	60,8	113,8	26 000	55 200*	63,5	114,9	23 000	54 700*	42,0
44,0	55,8	111,1	27 000	41 900*	58,7	112,6	24 100	52 800*	61,6	113,8	21 200	54 700*	44,0
46,0	53,6	109,6	25 200	39 600*	56,7	111,3	22 400	50 400*	59,6	112,7	19 700	53 600	46,0
48,0	51,4	108,1	23 500	37 500*	54,5	109,9	20 900	48 100*	57,5	111,4	18 200	50 600	48,0
50,0	49,1	106,3	22 000	35 500*	52,4	108,4	19 500	45 700*	55,4	110,0	17 000	48 000	50,0
52,0	46,8	104,5	20 600	33 600*	50,1	106,7	18 200	43 400*	53,3	108,6	15 800	45 600	52,0
54,0	44,3	102,5	19 200	31 800*	47,8	105,0	16 900	41 100*	51,0	107,0	14 700	43 400	54,0
56,0	41,7	100,3	18 000	30 100*	45,4	103,0	15 800	39 000*	48,7	105,2	13 600	41 300	56,0
58,0	39,0	97,9	16 900	28 600*	42,8	100,9	14 800	36 900*	46,4	103,4	12 700	39 400	58,0
60,0	36,1	95,2	15 900	27 200*	40,2	98,6	13 800	35 000*	43,9	101,3	11 800	37 700	60,0
62,0	33,0	92,2	14 800	26 000*	37,4	96,0	12 900	33 100*	41,3	99,1	10 900	36 000	62,0
64,0	29,6	88,9	13 900	24 800*	34,4	93,2	12 000	31 400*	38,5	96,6	10 100	34 500	64,0
66,0	25,8	84,9	13 000	23 800*	31,1	90,0	11 200	29 900*	35,6	93,9	9 400	33 000	66,0
68,0	21,3	80,2	12 200	23 000*	27,4	86,3	10 400	28 500*	32,4	90,9	8 700	31 600	68,0
70,0	15,6	74,0	11 400	22 400*	23,3	82,0	9 700	27 300*	29,0	87,4	8 000	30 100*	70,0
72,0					18,2	76,5	9 000	26 000*	25,1	83,4	7 400	28 600*	72,0
74,0					11,0	68,5	8 300	22 700*	20,4	78,4	6 800	27 100*	74,0
76,0									14,4	71,8	6 100	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

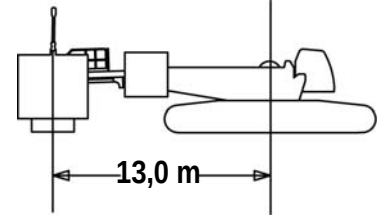
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



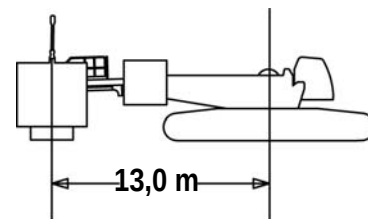
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	69,7	124,2	42 500	49 900*	70,4	124,2	35 100	48 700*	67,6	122,4	24 000	46 300*	32,0
34,0	67,9	123,4	39 000	48 700*	68,7	123,4	32 100	48 500*	64,1	120,6	20 400	46 300*	34,0
36,0	66,2	122,5	35 800	46 900*	66,9	122,6	29 600	48 400*	62,3	119,6	18 900	46 200*	36,0
38,0	64,4	121,6	33 100	45 000*	65,2	121,6	27 300	48 100*	60,5	118,4	17 500	46 100*	38,0
40,0	62,7	120,5	30 600	43 200*	63,4	120,7	25 200	47 900*	58,7	117,2	16 100	46 000*	40,0
42,0	60,8	119,4	28 300	41 300*	61,6	119,6	23 400	47 600*	56,8	115,9	15 000	45 000	42,0
44,0	59,0	118,2	26 400	39 500*	59,8	118,4	21 700	46 800*	54,8	114,5	13 900	42 700	44,0
46,0	57,1	117,0	24 500	37 600*	57,9	117,2	20 200	45 000*	52,8	113,1	12 800	40 700	46,0
48,0	55,2	115,6	22 800	35 800*	56,0	115,8	18 700	43 200*	50,8	111,4	11 900	38 800	48,0
50,0	53,2	114,1	21 300	34 100*	54,0	114,4	17 400	41 300*	48,7	109,7	11 000	37 100	50,0
52,0	51,2	112,5	19 900	32 500*	52,0	112,9	16 200	39 500*	46,5	107,8	10 200	35 400	52,0
54,0	49,1	110,8	18 600	30 900*	49,9	111,2	15 100	37 700*	44,3	105,8	9 400	33 900	54,0
56,0	46,9	109,0	17 400	29 400*	47,8	109,4	14 100	35 900*	41,9	103,6	8 700	32 400	56,0
58,0	44,7	107,0	16 300	27 900*	45,6	107,5	13 100	34 200*	39,4	101,3	8 000	31 100	58,0
60,0	42,3	104,8	15 200	26 600*	43,3	105,4	12 200	32 500*	36,8	98,7	7 300	29 700	60,0
62,0	39,9	102,5	14 200	25 300*	40,9	103,2	11 300	31 000*	34,0	95,8	6 700	28 100*	62,0
64,0	37,3	99,9	13 300	24 200*	38,4	100,7	10 600	29 500*	31,0	92,6	6 100	26 700*	64,0
66,0	34,5	97,1	12 500	23 100*	35,7	98,0	9 800	28 100*	27,7	88,9	5 500	25 300*	66,0
68,0	31,6	93,9	11 600	22 200*	32,8	95,0	9 100	26 800*	23,9	84,7	5 000	24 000*	68,0
70,0	28,3	90,4	10 800	21 300*	29,7	91,6	8 400	25 600*	19,5	79,5	4 500	22 800*	70,0
72,0	24,6	86,2	10 100	20 500*	26,2	87,7	7 800	24 500*	13,8	72,5	3 900	21 000*	72,0
74,0	20,4	81,3	9 400	19 900*	22,3	83,2	7 100	23 500*					74,0
76,0	14,9	74,7	8 700	19 400*	17,4	77,4	6 500	21 900*					76,0
78,0					10,5	69,0	5 900	18 800*					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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0												50,0
52,0	61,1	117,7	10 900	41 900								52,0
54,0	59,2	116,5	9 900	39 700								54,0
56,0	57,4	115,2	9 100	37 800								56,0
58,0	55,4	113,9	8 300	36 000								58,0
60,0	53,5	112,4	7 500	34 400								60,0
62,0	51,4	110,8	6 800	32 800	55,9	112,7	3 500	30 300				62,0
64,0	49,4	109,2	6 200	31 400	54,0	111,3	2 900	28 900				64,0
66,0	47,2	107,3	5 500	30 000	52,0	109,7	2 500	27 600				66,0
68,0	45,0	105,4	5 000	28 700	49,9	108,1	1 900	26 400				68,0
70,0	42,6	103,2	4 400	27 500	47,8	106,3	1 500	25 300				70,0
72,0	40,2	100,9	3 800	26 400	45,5	104,4	1 000	24 300	50,3	106,5	22 200	72,0
74,0	37,6	98,4	3 400	25 400	43,2	102,3		23 300	48,1	104,7	21 200	74,0
76,0	34,9	95,6	2 900	24 400	40,8	100,0		22 300	45,9	102,8	20 300	76,0
78,0	32,0	92,5	2 400	23 400	38,3	97,5		21 400	43,7	100,8	19 500	78,0
80,0	28,8	89,0	2 000	22 500	35,6	94,8		20 600	41,3	98,6	18 700	80,0
82,0	25,2	84,9	1 600	21 600	32,7	91,8		19 800	38,8	96,1	17 900	82,0
84,0	21,0	80,1	1 100	20 800	29,6	88,4		19 000	36,1	93,4	17 200	84,0
86,0	15,8	73,9		20 000	26,1	84,5		18 200	33,3	90,5	16 500	86,0
88,0	7,4	63,5		19 000	22,1	79,9		17 500	30,2	87,2	15 900	88,0
90,0					17,3	74,1		16 800	26,8	83,4	15 200	90,0
92,0					10,2	65,6		16 100	22,9	78,9	14 600*	92,0
94,0									18,2	73,4	13 900*	94,0
96,0									11,8	65,6	13 200*	96,0

Liftcrane Luffing Jib Capacities

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

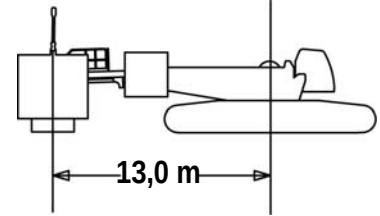
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



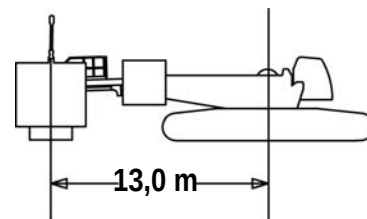
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	68,9	129,4	36 700	42 200*									35,1
36,0	68,1	129,0	35 300	42 000*									36,0
38,0	66,5	128,2	32 500	41 000*	68,8	129,1	28 900	41 100*					38,0
40,0	64,9	127,2	30 000	39 600*	67,2	128,2	26 600	40 900*					40,0
42,0	63,3	126,3	27 700	38 100*	65,6	127,3	24 600	40 700*					42,0
44,0	61,6	125,2	25 700	36 700*	64,0	126,4	22 700	40 500*	66,3	127,2	19 700	39 100*	44,0
46,0	59,9	124,0	23 900	35 200*	62,3	125,3	21 000	40 200*	64,6	126,3	18 200	39 100*	46,0
48,0	58,2	122,8	22 200	33 700*	60,6	124,2	19 500	40 000*	63,0	125,3	16 800	39 000*	48,0
50,0	56,4	121,5	20 700	32 300*	58,9	123,0	18 100	39 800*	61,3	124,2	15 500	38 800*	50,0
52,0	54,7	120,1	19 300	30 800*	57,2	121,7	16 800	38 600*	59,6	123,0	14 300	38 700*	52,0
54,0	52,8	118,6	18 000	29 500*	55,4	120,4	15 600	37 100*	57,9	121,8	13 200	38 600*	54,0
56,0	50,9	117,0	16 800	28 100*	53,6	118,9	14 400	35 600*	56,1	120,5	12 100	38 400*	56,0
58,0	49,0	115,3	15 600	26 900*	51,7	117,4	13 400	34 200*	54,3	119,1	11 200	38 200	58,0
60,0	47,0	113,4	14 600	25 700*	49,8	115,7	12 500	32 800*	52,5	117,5	10 300	36 500	60,0
62,0	44,9	111,5	13 700	24 500*	47,8	113,9	11 500	31 400*	50,6	115,9	9 500	34 900	62,0
64,0	42,8	109,3	12 700	23 400*	45,8	112,0	10 700	30 000*	48,7	114,2	8 700	33 300	64,0
66,0	40,6	107,1	11 900	22 400*	43,7	109,9	9 900	28 700*	46,6	112,3	8 000	31 900	66,0
68,0	38,2	104,6	11 100	21 500*	41,5	107,7	9 200	27 400*	44,6	110,3	7 300	30 500	68,0
70,0	35,7	101,9	10 300	20 600*	39,2	105,3	8 500	26 200*	42,4	108,2	6 700	29 000*	70,0
72,0	33,1	98,9	9 600	19 800*	36,8	102,7	7 800	25 100*	40,2	105,8	6 100	27 500*	72,0
74,0	30,3	95,6	8 900	19 100*	34,2	99,8	7 200	24 100*	37,8	103,3	5 500	26 100*	74,0
76,0	27,1	91,8	8 200	18 400*	31,5	96,7	6 600	23 000*	35,3	100,6	4 900	24 800*	76,0
78,0	23,6	87,5	7 600	17 800*	28,5	93,1	6 000	21 800*	32,6	97,5	4 400	23 600*	78,0
80,0	19,5	82,3	7 000	17 300*	25,2	89,1	5 500	20 800*	29,7	94,2	3 900	22 400*	80,0
82,0	14,3	75,5	6 400	16 400*	21,4	84,3	4 900	19 700*	26,6	90,3	3 400	21 300*	82,0
84,0					16,7	78,3	4 400	18 200*	23,0	85,9	2 900	20 200*	84,0
86,0					10,1	69,5	3 800	15 500*	18,7	80,4	2 500	19 200*	86,0
88,0									13,2	73,2	2 000	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

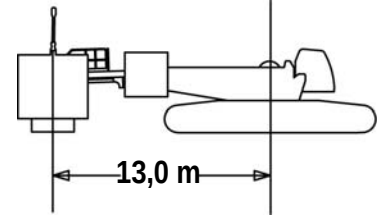
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



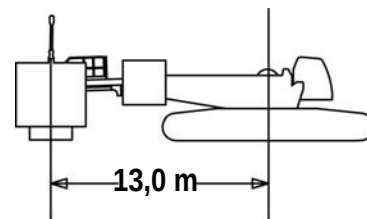
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	68,2	134,7	31 600	35 600*	70,3	135,4	28 000	35 000*					38,1
40,0	66,8	133,9	29 200	35 200*	68,9	134,7	25 800	34 800*					40,0
42,0	65,3	132,9	27 000	34 700*	67,5	133,9	23 800	34 600*					42,0
44,0	63,8	132,0	25 000	33 600*	66,0	133,0	21 900	34 400*					44,0
46,0	62,3	130,9	23 200	32 400*	64,5	132,1	20 200	34 100*	66,6	132,9	17 300	33 000*	46,0
48,0	60,7	129,8	21 500	31 300*	62,9	131,1	18 700	33 800*	65,1	132,0	15 900	32 900*	48,0
50,0	59,1	128,6	19 900	30 100*	61,4	130,0	17 200	33 600*	63,5	131,0	14 600	32 800*	50,0
52,0	57,5	127,4	18 500	28 900*	59,8	128,8	16 000	33 300*	62,0	129,9	13 400	32 600*	52,0
54,0	55,9	126,0	17 200	27 800*	58,2	127,6	14 800	33 000*	60,4	128,8	12 300	32 500*	54,0
56,0	54,2	124,6	16 000	26 700*	56,6	126,3	13 700	32 800*	58,9	127,6	11 300	32 300*	56,0
58,0	52,5	123,1	14 900	25 600*	54,9	124,9	12 600	32 000*	57,2	126,4	10 300	32 100*	58,0
60,0	50,7	121,5	13 900	24 600*	53,2	123,4	11 700	30 900*	55,6	125,0	9 500	31 900*	60,0
62,0	48,9	119,8	12 900	23 500*	51,5	121,8	10 800	29 800*	53,9	123,6	8 700	31 700*	62,0
64,0	47,1	117,9	12 000	22 500*	49,7	120,2	9 900	28 600*	52,2	122,0	7 900	31 500*	64,0
66,0	45,2	116,0	11 100	21 600*	47,9	118,4	9 200	27 500*	50,4	120,4	7 200	31 200	66,0
68,0	43,2	113,9	10 300	20 800*	46,0	116,5	8 400	26 400*	48,6	118,7	6 500	29 900	68,0
70,0	41,2	111,6	9 600	19 900*	44,0	114,4	7 700	25 400*	46,8	116,8	5 800	28 300*	70,0
72,0	39,0	109,2	8 900	19 100*	42,0	112,2	7 000	24 400*	44,8	114,8	5 200	26 900*	72,0
74,0	36,8	106,6	8 200	18 400*	39,9	109,9	6 400	23 400*	42,8	112,7	4 700	25 400*	74,0
76,0	34,4	103,7	7 500	17 700*	37,7	107,4	5 800	22 300*	40,8	110,4	4 100	24 200*	76,0
78,0	31,8	100,6	6 900	17 100*	35,4	104,6	5 300	21 200*	38,6	108,0	3 600	22 900*	78,0
80,0	29,1	97,1	6 300	16 500*	32,9	101,6	4 700	20 100*	36,3	105,3	3 100	21 700*	80,0
82,0	26,1	93,2	5 800	16 000*	30,3	98,3	4 200	19 100*	33,9	102,4	2 700	20 700*	82,0
84,0	22,8	88,7	5 200	15 600*	27,4	94,6	3 700	18 100*	31,4	99,2	2 200	19 600*	84,0
86,0	18,8	83,3	4 700	15 000*	24,2	90,3	3 200	17 200*	28,6	95,7	1 800	18 600*	86,0
88,0	13,8	76,2	4 200	13 300*	20,5	85,3	2 800	16 200*	25,6	91,7	1 300	17 600*	88,0
90,0					16,1	79,1	2 300	14 800*	22,1	87,0	900	16 700*	90,0
92,0					9,7	70,0	1 800	12 400*	18,0	81,4		15 800*	92,0
94,0									12,7	73,8		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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
38,1											38,1
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0	60,9	128,1	6 600	29 900*							58,0
60,0	59,4	126,9	5 800	29 900*							60,0
62,0	57,7	125,7	5 100	29 900*							62,0
64,0	56,1	124,3	4 500	29 900*							64,0
66,0	54,4	122,9	3 900	28 700							66,0
68,0	52,7	121,4	3 300	27 400	56,5	123,2	25 000				68,0
70,0	51,0	119,8	2 800	26 300	54,9	121,8	23 900				70,0
72,0	49,2	118,1	2 300	25 100	53,2	120,3	22 900				72,0
74,0	47,3	116,3	1 800	24 100	51,4	118,7	21 900				74,0
76,0	45,4	114,3	1 300	23 100	49,6	117,0	21 000				76,0
78,0	43,5	112,3	900	22 100	47,8	115,2	20 100	51,7	117,1	18 100	78,0
80,0	41,4	110,0		21 300	45,9	113,3	19 200	50,0	115,4	17 200*	80,0
82,0	39,3	107,6		20 400	44,0	111,3	18 400	48,1	113,7	16 400*	82,0
84,0	37,1	105,0		19 600	42,0	109,1	17 700	46,3	111,8	15 600*	84,0
86,0	34,7	102,2		18 800	39,9	106,8	17 000	44,3	109,8	14 900*	86,0
88,0	32,2	99,1		18 100	37,6	104,2	16 300	42,3	107,6	14 200*	88,0
90,0	29,5	95,7		17 400	35,3	101,5	15 600	40,2	105,3	13 400*	90,0
92,0	26,5	91,9		16 700	32,9	98,4	15 000	38,0	102,8	12 800*	92,0
94,0	23,2	87,4		16 000	30,2	95,1	14 400	35,7	100,1	12 200*	94,0
96,0	19,4	82,2		15 400	27,3	91,4	13 700*	33,3	97,1	11 600*	96,0
98,0	14,6	75,4		14 800	24,1	87,1	13 000*	30,7	93,8	11 000*	98,0
100,0					20,4	82,1	12 400*	27,9	90,2	10 400*	100,0
102,0					15,9	75,8	11 800*	24,7	86,1	9 900*	102,0
104,0								21,1	81,2	9 300*	104,0
106,0								16,8	75,2	8 800*	106,0
108,0								10,9	66,7	8 300*	108,0

Liftcrane Luffing Jib Capacities

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

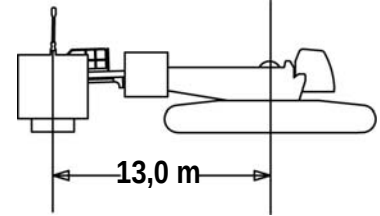
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



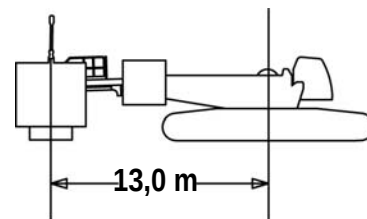
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
15,2	70,9	85,3	118 000	154 000*c									15,2
16,0	69,0	85,0	111 300	146 800*c									16,0
18,0	63,7	84,1	95 700	129 800*b									18,0
20,0	58,1	82,9	83 900	117 100*b	66,7	84,3	77 300	148 100*c					20,0
22,0	52,1	81,4	74 500	107 200*b	61,3	83,2	68 600	138 400*b					22,0
24,0	45,6	79,5	66 800	99 300*	55,6	81,9	61 500	126 100*b	64,4	83,4	56 100	125 600b	24,0
26,0	38,2	77,1	60 300	93 400*	49,4	80,3	55 500	115 300*	58,9	82,2	50 700	113 700b	26,0
28,0	29,1	73,9	54 800	89 400*	42,6	78,2	50 500	106 800	53,0	80,7	46 000	103 700b	28,0
30,0	15,4	68,5	49 800	79 100*	34,6	75,6	46 100	98 600	46,5	78,9	42 000	95 300	30,0
32,0					24,3	71,7	42 200	91 000	39,3	76,6	38 600	88 100	32,0
34,0									30,5	73,6	35 400	81 700	34,0
36,0									17,9	68,7	32 600	76 000	36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
15,2													15,2
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	56,4	80,4	32 200	83 000b									32,0
34,0	50,3	78,8	29 600	77 000									34,0
36,0	43,5	76,8	27 300	71 800									36,0
38,0	35,7	74,2	25 200	67 200	53,4	78,0	20 000	63 200b					38,0
40,0	25,8	70,6	23 300	63 000	47,0	76,2	18 500	59 300					40,0
42,0					39,8	73,9	17 100	55 800					42,0
44,0					31,2	70,9	15 700	52 600					44,0
46,0									43,0	72,9	10 500	46 600	46,0
48,0									35,1	70,2	9 600	44 200	48,0
50,0									24,9	66,5	8 700	41 900	50,0

Liftcrane Luffing Jib Capacities

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

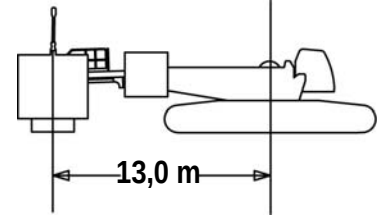
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



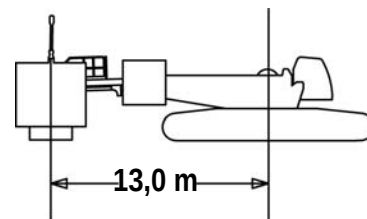
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16,8	71,8	91,2	104 600	137 300*c									16,8
18,0	69,3	90,7	95 800	128 200*b									18,0
20,0	65,1	89,8	83 900	115 100*b									20,0
22,0	60,7	88,7	74 400	104 600*b	67,5	90,0	68 400	132 100*b					22,0
24,0	56,2	87,4	66 700	96 200*	63,3	89,0	61 200	125 000*b					24,0
26,0	51,4	85,9	60 300	89 500*	58,8	87,8	55 300	114 900*	65,7	89,1	50 200	113 200b	26,0
28,0	46,2	84,0	54 900	83 900*	54,2	86,4	50 200	105 400*	61,3	88,0	45 600	103 300b	28,0
30,0	40,4	81,8	50 200	79 300*	49,2	84,8	45 900	97 900*	56,8	86,7	41 600	94 900	30,0
32,0	33,9	79,0	46 100	73 900*	43,8	82,8	42 200	90 800	52,0	85,2	38 200	87 700	32,0
34,0	25,8	75,3	42 500	69 300*	37,8	80,3	38 900	84 400	46,9	83,4	35 200	81 400	34,0
36,0	13,6	69,2	39 100	62 400*	30,7	77,2	36 000	78 600	41,2	81,2	32 600	75 900	36,0
38,0					21,5	72,8	33 300	73 500	34,8	78,5	30 200	71 000	38,0
40,0									27,0	75,0	28 000	66 700	40,0
42,0									15,8	69,5	25 900	62 600	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	59,4	86,3	29 100	76 600									34,0
36,0	54,8	84,9	26 800	71 400									36,0
38,0	49,8	83,3	24 800	66 800									38,0
40,0	44,5	81,3	22 900	62 700									40,0
42,0	38,6	78,9	21 300	59 000	52,4	82,4	16 500	55 300					42,0
44,0	31,7	75,9	19 800	55 700	47,3	80,7	15 300	52 200					44,0
46,0	22,9	71,8	18 300	52 700	41,7	78,5	14 100	49 400	49,5	79,4	9 000	43 700	46,0
48,0					35,3	75,9	13 000	46 800	44,1	77,4	8 200	41 500	48,0
50,0					27,6	72,4	12 000	44 400					50,0
52,0									38,1	75,0	7 500	39 400	52,0
54,0									31,1	71,9	6 800	37 500	54,0
56,0									22,1	67,6	6 100	35 700	56,0

Liftcrane Luffing Jib Capacities

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

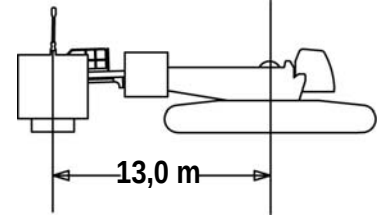
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	72,4	97,0	93 400	117 000*b									18,3
20,0	69,5	96,4	83 400	111 300*b									20,0
22,0	66,0	95,5	74 000	103 600*b									22,0
24,0	62,5	94,5	66 300	94 700*	68,0	95,7	60 600	118 500*b					24,0
26,0	58,8	93,3	59 900	87 600*	64,5	94,7	54 600	112 700*					26,0
28,0	54,9	91,9	54 500	81 600*	60,9	93,6	49 600	105 600*	66,5	94,7	44 800	102 700b	28,0
30,0	50,8	90,3	49 800	76 100*	57,1	92,4	45 300	97 700*	62,9	93,7	40 800	94 200	30,0
32,0	46,5	88,5	45 800	70 200*	53,2	90,9	41 600	90 300	59,3	92,6	37 500	87 100	32,0
34,0	41,8	86,3	42 200	64 900*	49,0	89,2	38 400	83 800	55,4	91,2	34 500	80 800	34,0
36,0	36,7	83,8	39 100	60 300*	44,6	87,3	35 500	78 000	51,4	89,7	31 900	75 300	36,0
38,0	30,7	80,6	36 300	56 400*	39,7	84,9	33 000	72 300*	47,1	87,9	29 500	70 500	38,0
40,0	23,4	76,5	33 700	53 400*	34,2	82,2	30 600	67 100*	42,5	85,8	27 400	66 200	40,0
42,0					27,8	78,7	28 500	62 700*	37,4	83,3	25 500	62 300	42,0
44,0					19,5	73,8	26 500	59 200*	31,6	80,2	23 800	58 800	44,0
46,0									24,5	76,3	22 100	55 600	46,0
48,0									14,3	70,2	20 600	52 600	48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

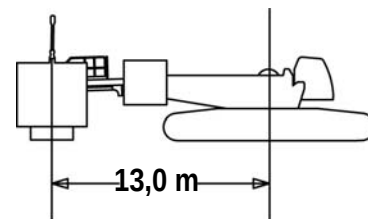
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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.	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	
18,3													18,3
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	57,6	90,8	23 900	66 100									38,0
40,0	53,7	89,4	22 100	62 000									40,0
42,0	49,6	87,7	20 500	58 400									42,0
44,0	45,2	85,8	19 000	55 100									44,0
46,0	40,3	83,5	17 700	52 100	51,7	86,9	13 200	48 600					46,0
48,0	35,0	80,8	16 500	49 400	47,4	85,1	12 200	46 000					48,0
50,0	28,7	77,4	15 300	46 900	42,8	83,1	11 200	43 700					50,0
52,0	20,7	72,8	14 200	44 600	37,8	80,6	10 300	41 600	49,2	83,8	6 500	38 600	52,0
54,0					32,0	77,6	9 500	39 600	44,8	81,9	5 900	36 800	54,0
56,0					25,1	73,7	8 800	37 700	40,0	79,6	5 300	35 100	56,0
58,0									34,5	76,8	4 700	33 400	58,0
60,0									28,2	73,4	4 200	32 000	60,0
62,0									20,0	68,7	3 600	30 500	62,0

Liftcrane Luffing Jib Capacities

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

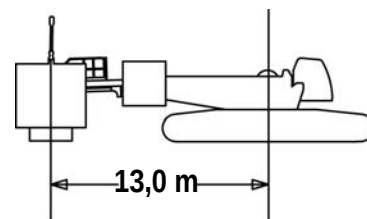
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



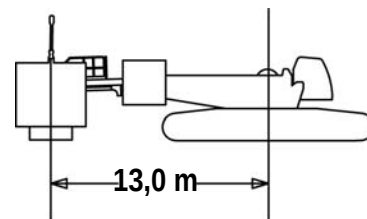
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	72,8	102,8	84 200	100 400*									19,8
20,0	72,5	102,7	83 200	99 900*									20,0
22,0	69,6	102,0	73 700	94 900*									22,0
24,0	66,7	101,2	65 900	89 300*									24,0
26,0	63,6	100,2	59 500	83 600*	68,4	101,3	54 100	102 300*					26,0
28,0	60,5	99,1	54 100	77 900*	65,4	100,4	49 100	97 500*					28,0
30,0	57,3	97,8	49 400	72 400*	62,3	99,4	44 800	92 200*					30,0
32,0	54,0	96,4	45 400	67 200*	59,2	98,2	41 100	86 600*	64,1	99,5	36 900	86 500	32,0
34,0	50,5	94,8	41 900	62 300*	55,9	96,9	37 900	81 000*	61,0	98,4	33 900	80 300	34,0
36,0	46,8	93,0	38 700	57 900*	52,5	95,4	35 000	75 400*	57,7	97,2	31 300	74 800	36,0
38,0	42,8	90,9	36 000	53 800*	48,9	93,7	32 500	70 200*	54,4	95,7	29 000	70 000	38,0
40,0	38,5	88,5	33 500	50 200*	45,1	91,8	30 200	65 300*	50,9	94,2	26 900	65 700	40,0
42,0	33,8	85,6	31 300	47 100*	41,0	89,5	28 100	60 800*	47,3	92,4	25 000	61 900	42,0
44,0	28,3	82,2	29 200	44 500*	36,6	87,0	26 300	56 600*	43,4	90,3	23 300	58 400	44,0
46,0	21,6	77,6	27 300	42 400*	31,6	83,9	24 600	53 000*	39,1	87,9	21 700	55 200	46,0
48,0					25,6	80,0	22 900	49 900*	34,5	85,2	20 300	52 300	48,0
50,0					17,9	74,7	21 400	47 400*	29,1	81,8	19 000	49 700	50,0
52,0									22,6	77,5	17 700	47 300	52,0
54,0									13,1	70,8	16 500	44 400	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
19,8													19,8
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	59,6	96,7	21 400	61 400									40,0
42,0	56,3	95,3	19 800	57 800									42,0
44,0	52,9	93,9	18 400	54 500									44,0
46,0	49,4	92,2	17 100	51 600									46,0
48,0	45,6	90,3	15 900	48 900	54,7	93,0	11 400	45 500					48,0
50,0	41,6	88,1	14 800	46 400	51,2	91,4	10 500	43 100					50,0
52,0	37,2	85,6	13 700	44 200	47,5	89,6	9 700	41 000					52,0
54,0	32,2	82,6	12 800	42 000	43,6	87,6	8 900	39 100					54,0
56,0	26,5	78,8	11 800	40 100	39,4	85,2	8 200	37 300	49,1	88,3	4 500	34 500	56,0
58,0	19,1	73,8	11 000	38 200	34,8	82,5	7 500	35 600	45,3	86,4	4 000	32 900	58,0
60,0					29,5	79,2	6 800	34 000	41,2	84,2	3 500	31 400	60,0
62,0					23,1	74,9	6 200	32 500	36,8	81,6	3 000	30 100	62,0
64,0					14,0	68,6	5 500	31 100	31,8	78,6	2 500	28 800	64,0
66,0									26,0	74,8	2 100	27 500	66,0
68,0									18,4	69,6	1 600	26 400	68,0

Liftcrane Luffing Jib Capacities

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

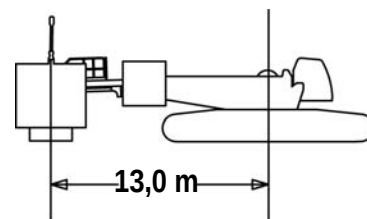
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



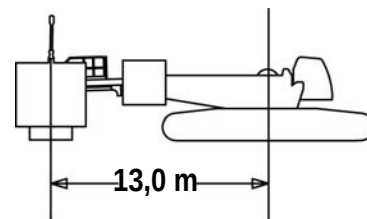
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	73,1	108,6	76 100	86 500*									21,3
22,0	72,3	108,4	73 300	85 300*									22,0
24,0	69,8	107,7	65 400	81 400*									24,0
26,0	67,2	106,8	58 900	77 200*									26,0
28,0	64,5	105,9	53 500	72 800*	68,7	107,0	48 400	87 700*					28,0
30,0	61,8	104,9	48 800	68 300*	66,1	106,1	44 100	84 700*					30,0
32,0	59,1	103,7	44 800	64 000*	63,4	105,1	40 400	80 700*	67,5	106,1	36 000	85 400*	32,0
34,0	56,2	102,4	41 300	59 800*	60,7	104,0	37 100	76 400*	64,9	105,2	33 000	79 600	34,0
36,0	53,3	100,9	38 200	55 800*	57,9	102,8	34 300	72 100*	62,2	104,2	30 500	74 100	36,0
38,0	50,2	99,3	35 400	52 100*	55,0	101,4	31 800	67 700*	59,4	103,0	28 100	69 300	38,0
40,0	46,9	97,4	32 900	48 700*	52,0	99,9	29 500	63 400*	56,6	101,7	26 100	65 000	40,0
42,0	43,5	95,4	30 700	45 500*	48,8	98,2	27 500	59 300*	53,7	100,2	24 200	61 200	42,0
44,0	39,9	93,1	28 700	42 700*	45,5	96,2	25 600	55 500*	50,6	98,6	22 600	57 700	44,0
46,0	35,9	90,4	26 900	40 100*	42,0	94,1	23 900	51 900*	47,4	96,8	21 000	54 600	46,0
48,0	31,5	87,3	25 100	37 900*	38,2	91,6	22 400	48 600*	44,0	94,8	19 600	51 700	48,0
50,0	26,4	83,5	23 600	36 000*	34,1	88,8	21 000	45 600*	40,4	92,5	18 300	49 100	50,0
52,0	20,1	78,7	22 100	34 600*	29,4	85,4	19 600	42 900*	36,4	89,9	17 100	46 700	52,0
54,0					23,9	81,3	18 400	40 700*	32,1	86,9	16 000	44 500	54,0
56,0					16,7	75,6	17 200	39 000*	27,1	83,2	14 900	42 400	56,0
58,0									21,0	78,6	13 900	40 500	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
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
 62 530 kg Hanging Counterweight
 at 13,0 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	
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	61,0	102,4	18 900	57 000									42,0
44,0	58,2	101,2	17 500	53 800									44,0
46,0	55,3	99,9	16 200	50 900									46,0
48,0	52,3	98,3	15 000	48 200									48,0
50,0	49,2	96,7	13 900	45 700									50,0
52,0	45,9	94,8	12 900	43 500	53,9	97,5	8 700	40 200					52,0
54,0	42,5	92,7	11 900	41 400	50,8	95,9	8 000	38 300					54,0
56,0	38,7	90,2	11 100	39 500	47,6	94,1	7 300	36 500					56,0
58,0	34,6	87,5	10 300	37 700	44,2	92,1	6 600	34 900	52,1	94,5	3 000	32 000	58,0
60,0	30,0	84,2	9 500	36 000	40,6	89,8	5 900	33 300	49,0	92,8	2 500	30 600	60,0
62,0	24,7	80,2	8 800	34 400	36,7	87,2	5 400	31 800	45,7	90,9	2 000	29 200	62,0
64,0	17,8	74,7	8 000	33 000	32,4	84,2	4 800	30 500	42,2	88,7	1 600	28 000	64,0
66,0					27,5	80,6	4 300	29 200	38,4	86,3	1 200	26 800	66,0
68,0					21,5	76,1	3 800	28 000	34,3	83,5	800	25 700	68,0
70,0					13,0	69,2	3 200	26 800	29,7	80,2		24 600	70,0
72,0									24,2	76,1		23 600	72,0
74,0									17,1	70,5		22 600	74,0

Liftcrane Luffing Jib Capacities

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

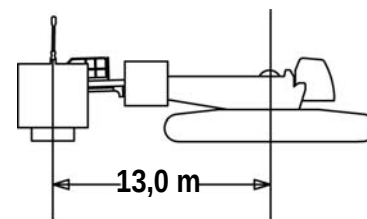
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



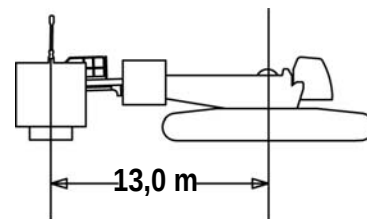
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	71,7	113,9	63 600	72 800*									24,4
26,0	69,8	113,3	58 400	70 300*									26,0
28,0	67,6	112,5	53 000	67 000*									28,0
30,0	65,2	111,6	48 300	63 600*	68,9	112,7	43 500	74 500*					30,0
32,0	62,8	110,6	44 300	60 100*	66,6	111,8	39 800	73 700*					32,0
34,0	60,4	109,5	40 800	56 700*	64,2	110,8	36 600	70 700*					34,0
36,0	57,9	108,3	37 700	53 300*	61,8	109,8	33 700	67 500*	65,5	110,9	29 800	71 900*	36,0
38,0	55,4	106,9	34 900	50 100*	59,4	108,6	31 200	64 100*	63,2	109,9	27 500	68 700	38,0
40,0	52,7	105,4	32 400	47 000*	56,8	107,3	28 900	60 700*	60,7	108,8	25 400	64 500	40,0
42,0	50,0	103,7	30 200	44 100*	54,2	105,9	26 900	57 300*	58,3	107,6	23 600	60 700	42,0
44,0	47,1	101,9	28 200	41 400*	51,5	104,4	25 100	53 900*	55,7	106,2	21 900	57 200	44,0
46,0	44,1	99,9	26 400	38 900*	48,7	102,6	23 400	50 700*	53,1	104,7	20 400	54 000	46,0
48,0	40,9	97,7	24 700	36 700*	45,8	100,7	21 800	47 700*	50,3	103,1	19 000	51 200	48,0
50,0	37,5	95,1	23 200	34 600*	42,7	98,6	20 400	44 800*	47,5	101,3	17 700	48 600	50,0
52,0	33,7	92,2	21 700	32 800*	39,4	96,3	19 100	42 200*	44,5	99,3	16 500	46 200	52,0
54,0	29,6	88,9	20 400	31 200*	35,9	93,6	17 900	39 700*	41,3	97,1	15 400	44 000	54,0
56,0	24,8	84,9	19 200	29 800*	32,0	90,5	16 800	37 500*	37,9	94,6	14 400	42 000	56,0
58,0	18,9	79,7	18 000	28 800*	27,6	86,9	15 700	35 600*	34,3	91,8	13 400	40 100	58,0
60,0					22,5	82,5	14 700	33 900*	30,2	88,5	12 500	38 300	60,0
62,0					15,7	76,4	13 700	32 600*	25,5	84,6	11 700	36 700	62,0
64,0									19,8	79,6	10 900	35 100	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 13,0 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	
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0	59,7	107,1	15 400	50 200									46,0
48,0	57,2	105,8	14 300	47 500									48,0
50,0	54,6	104,4	13 200	45 100									50,0
52,0	51,9	102,8	12 200	42 900									52,0
54,0	49,1	101,1	11 300	40 800	55,9	103,4	7 200	37 700					54,0
56,0	46,2	99,3	10 400	38 900	53,3	102,0	6 500	35 900					56,0
58,0	43,1	97,2	9 600	37 200	50,5	100,3	5 800	34 200					58,0
60,0	39,9	94,8	8 900	35 500	47,7	98,6	5 200	32 700					60,0
62,0	36,4	92,2	8 200	34 000	44,7	96,6	4 700	31 300					62,0
64,0	32,5	89,2	7 500	32 500	41,5	94,4	4 100	29 900	48,9	97,2	800	27 400	64,0
66,0	28,2	85,7	6 900	31 200	38,2	91,9	3 600	28 700	46,0	95,4		26 200	66,0
68,0	23,2	81,4	6 300	29 900	34,5	89,1	3 200	27 500	42,9	93,3		25 100	68,0
70,0	16,7	75,6	5 700	28 600	30,5	85,9	2 700	26 400	39,6	90,9		24 000	70,0
72,0					25,9	82,0	2 200	25 300	36,1	88,3		23 100	72,0
74,0					20,2	77,1	1 800	24 300	32,2	85,2		22 100	74,0
76,0					12,2	69,8	1 400	23 300	27,9	81,6		21 300	76,0
78,0									22,8	77,2		20 400	78,0
80,0									16,1	71,3		19 600	80,0

Liftcrane Luffing Jib Capacities

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

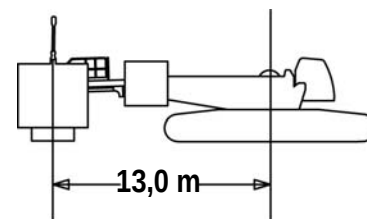
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



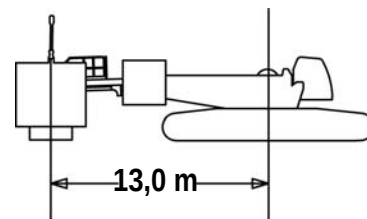
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	70,5	119,2	53 800	61 600*									27,4
28,0	69,9	119,0	52 400	60 900*									28,0
30,0	67,9	118,2	47 700	58 500*									30,0
32,0	65,8	117,3	43 600	55 800*	69,0	118,3	39 000	62 600*					32,0
34,0	63,6	116,3	40 100	53 200*	67,0	117,5	35 800	62 600*					34,0
36,0	61,5	115,3	37 000	50 400*	64,9	116,6	32 900	61 800*					36,0
38,0	59,3	114,1	34 200	47 700*	62,7	115,5	30 400	59 600*	66,0	116,6	26 600	60 000*	38,0
40,0	57,0	112,8	31 800	45 100*	60,5	114,4	28 200	57 100*	63,9	115,6	24 600	60 000*	40,0
42,0	54,7	111,4	29 600	42 600*	58,3	113,2	26 100	54 400*	61,8	114,5	22 700	59 300	42,0
44,0	52,3	109,9	27 500	40 200*	56,0	111,9	24 300	51 700*	59,6	113,4	21 100	56 600	44,0
46,0	49,8	108,2	25 700	37 900*	53,6	110,4	22 600	49 100*	57,3	112,1	19 600	53 400	46,0
48,0	47,2	106,4	24 100	35 800*	51,2	108,8	21 100	46 400*	55,0	110,7	18 200	50 600	48,0
50,0	44,5	104,4	22 500	33 800*	48,7	107,1	19 700	43 900*	52,6	109,2	16 900	48 000	50,0
52,0	41,7	102,2	21 100	31 900*	46,1	105,2	18 400	41 400*	50,1	107,6	15 700	45 600	52,0
54,0	38,7	99,8	19 800	30 300*	43,3	103,2	17 200	39 100*	47,5	105,8	14 700	43 400	54,0
56,0	35,4	97,1	18 600	28 700*	40,4	100,8	16 100	37 000*	44,9	103,8	13 600	41 400	56,0
58,0	31,9	94,0	17 500	27 300*	37,3	98,3	15 100	35 000*	42,1	101,7	12 700	39 500	58,0
60,0	28,0	90,4	16 400	26 200*	34,0	95,4	14 100	33 100*	39,1	99,3	11 800	37 700	60,0
62,0	23,5	86,1	15 400	25 200*	30,3	92,2	13 200	31 500*	35,9	96,6	11 000	36 100	62,0
64,0	17,9	80,6	14 400	24 400*	26,2	88,3	12 300	30 000*	32,4	93,5	10 200	34 600	64,0
66,0					21,3	83,6	11 500	28 800*	28,6	90,0	9 500	33 100	66,0
68,0					14,8	77,2	10 700	27 800*	24,1	85,9	8 800	31 800	68,0
70,0									18,7	80,6	8 100	30 500	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27,4												27,4
28,0												28,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0	60,8	112,8	13 300	46 800								48,0
50,0	58,6	111,6	12 200	44 400								50,0
52,0	56,3	110,3	11 200	42 100								52,0
54,0	53,9	108,9	10 400	40 100								54,0
56,0	51,5	107,3	9 500	38 200								56,0
58,0	49,0	105,6	8 800	36 400	55,1	107,9	4 900	33 400				58,0
60,0	46,4	103,7	8 000	34 800	52,8	106,5	4 300	31 900				60,0
62,0	43,7	101,7	7 300	33 300	50,3	104,8	3 700	30 500				62,0
64,0	40,8	99,4	6 700	31 800	47,7	103,0	3 200	29 200				64,0
66,0	37,7	96,9	6 100	30 500	45,1	101,1	2 700	27 900	51,3	103,4	25 400	66,0
68,0	34,4	94,1	5 500	29 300	42,3	98,9	2 200	26 700	48,8	101,7	24 300	68,0
70,0	30,8	90,9	5 000	28 000	39,3	96,6	1 800	25 600	46,2	99,8	23 300	70,0
72,0	26,7	87,1	4 400	26 900	36,1	93,9	1 400	24 600	43,5	97,8	22 300	72,0
74,0	21,9	82,5	3 900	25 800	32,7	90,9	1 000	23 600	40,6	95,5	21 400	74,0
76,0	15,8	76,4	3 400	24 800	28,8	87,4		22 700	37,5	93,0	20 500	76,0
78,0					24,5	83,3		21 800	34,1	90,1	19 700	78,0
80,0					19,1	78,1		20 900	30,5	86,8	18 900	80,0
82,0					11,6	70,4		20 100	26,4	83,0	18 200	82,0
84,0									21,5	78,4	17 400	84,0
86,0									15,2	72,1	16 700	86,0

Liftcrane Luffing Jib Capacities

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

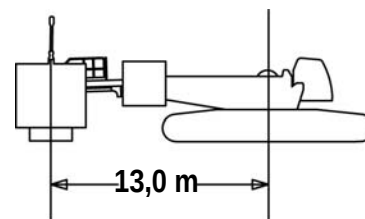
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



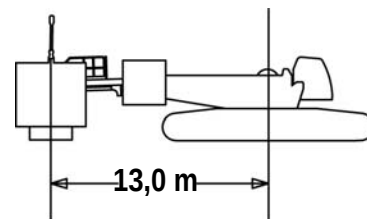
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	69,5	124,5	45 900	52 500*									30,5
32,0	68,1	123,9	42 900	51 000*									32,0
34,0	66,2	123,0	39 400	48 900*	69,2	124,0	35 000	53 200*					34,0
36,0	64,3	122,0	36 300	46 800*	67,3	123,2	32 200	53 200*					36,0
38,0	62,3	121,0	33 500	44 700*	65,4	122,2	29 600	53 200*					38,0
40,0	60,3	119,9	31 000	42 600*	63,5	121,3	27 400	52 600*	66,5	122,2	23 700	51 000*	40,0
42,0	58,3	118,7	28 800	40 500*	61,5	120,2	25 300	50 500*	64,5	121,3	21 900	51 000*	42,0
44,0	56,2	117,3	26 800	38 400*	59,5	119,0	23 500	48 500*	62,6	120,3	20 200	51 000*	44,0
46,0	54,1	115,9	25 000	36 500*	57,4	117,8	21 800	46 400*	60,6	119,2	18 700	51 000	46,0
48,0	51,9	114,4	23 300	34 500*	55,3	116,4	20 300	44 300*	58,6	118,0	17 300	50 100	48,0
50,0	49,6	112,7	21 800	32 800*	53,2	114,9	18 900	42 200*	56,5	116,7	16 100	47 300	50,0
52,0	47,3	110,9	20 400	31 000*	50,9	113,3	17 600	40 200*	54,4	115,2	14 900	44 900	52,0
54,0	44,8	108,9	19 100	29 500*	48,6	111,6	16 400	38 100*	52,2	113,7	13 800	42 700	54,0
56,0	42,3	106,7	17 900	28 000*	46,3	109,7	15 300	36 200*	49,9	112,1	12 800	40 700	56,0
58,0	39,6	104,4	16 700	26 600*	43,8	107,7	14 300	34 400*	47,6	110,3	11 900	38 800	58,0
60,0	36,8	101,8	15 700	25 400*	41,2	105,4	13 300	32 600*	45,2	108,3	11 000	37 100	60,0
62,0	33,7	98,9	14 700	24 200*	38,4	103,0	12 500	31 000*	42,6	106,2	10 200	35 400	62,0
64,0	30,4	95,6	13 800	23 200*	35,5	100,2	11 600	29 500*	40,0	103,9	9 400	33 900	64,0
66,0	26,6	91,8	12 900	22 300*	32,3	97,2	10 800	28 100*	37,2	101,3	8 700	32 500	66,0
68,0	22,3	87,3	12 100	21 600*	28,8	93,7	10 100	26 800*	34,1	98,4	8 000	31 200	68,0
70,0	17,0	81,4	11 200	21 000*	24,9	89,6	9 300	25 700*	30,8	95,2	7 400	29 900	70,0
72,0					20,2	84,7	8 600	24 700*	27,2	91,5	6 800	28 700	72,0
74,0					14,1	77,9	8 000	23 700*	23,0	87,1	6 200	27 500	74,0
76,0									17,8	81,5	5 600	26 400	76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

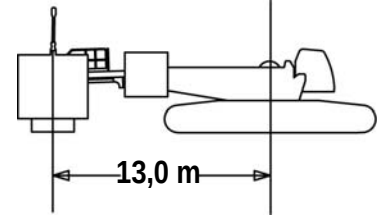
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



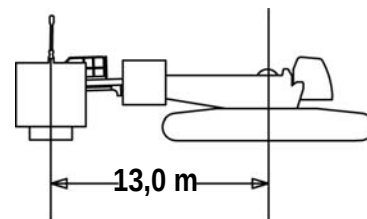
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	68,7	129,7	39 500	44 900*									33,5
34,0	68,3	129,5	38 700	44 500*									34,0
36,0	66,6	128,7	35 600	42 900*	69,3	129,6	31 400	45 400*					36,0
38,0	64,8	127,7	32 800	41 300*	67,6	128,8	28 800	45 300*					38,0
40,0	63,0	126,7	30 400	39 600*	65,8	127,9	26 600	45 100*					40,0
42,0	61,2	125,7	28 100	37 900*	64,1	127,0	24 600	45 000*	66,8	127,9	21 000	43 300*	42,0
44,0	59,4	124,5	26 100	36 200*	62,3	125,9	22 800	44 600*	65,1	127,0	19 300	43 300*	44,0
46,0	57,5	123,2	24 300	34 600*	60,4	124,8	21 100	43 100*	63,3	126,0	17 800	43 300*	46,0
48,0	55,6	121,9	22 700	33 000*	58,6	123,6	19 600	41 500*	61,5	124,9	16 500	43 300*	48,0
50,0	53,6	120,4	21 100	31 400*	56,7	122,3	18 200	39 800*	59,6	123,8	15 200	43 300*	50,0
52,0	51,6	118,8	19 700	29 900*	54,7	120,9	16 900	38 200*	57,8	122,5	14 000	43 200	52,0
54,0	49,5	117,2	18 400	28 500*	52,8	119,4	15 700	36 600*	55,8	121,2	13 000	42 200	54,0
56,0	47,4	115,3	17 200	27 100*	50,7	117,8	14 600	34 900*	53,9	119,7	12 000	40 100	56,0
58,0	45,1	113,4	16 100	25 800*	48,6	116,1	13 600	33 300*	51,9	118,2	11 100	38 200	58,0
60,0	42,8	111,3	15 000	24 600*	46,4	114,2	12 700	31 800*	49,8	116,5	10 200	36 400	60,0
62,0	40,4	109,0	14 100	23 500*	44,2	112,2	11 800	30 300*	47,7	114,7	9 400	34 800	62,0
64,0	37,8	106,5	13 200	22 500*	41,8	110,0	10 900	28 900*	45,4	112,8	8 700	33 300	64,0
66,0	35,1	103,7	12 300	21 500*	39,3	107,6	10 100	27 500*	43,1	110,7	8 000	31 900	66,0
68,0	32,2	100,6	11 500	20 600*	36,7	105,0	9 400	26 300*	40,7	108,4	7 300	30 600	68,0
70,0	29,0	97,1	10 700	19 900*	33,9	102,1	8 700	25 100*	38,2	105,9	6 700	29 300	70,0
72,0	25,5	93,2	10 000	19 200*	30,9	98,8	8 000	24 100*	35,5	103,2	6 100	28 100	72,0
74,0	21,3	88,4	9 300	18 600*	27,5	95,2	7 400	23 100*	32,6	100,2	5 500	27 000	74,0
76,0	16,2	82,3	8 600	18 200*	23,8	90,9	6 800	22 200*	29,5	96,8	4 900	25 900	76,0
78,0					19,3	85,7	6 200	21 400*	26,0	92,9	4 400	24 700*	78,0
80,0					13,5	78,6	5 600	20 200*	21,9	88,2	3 900	23 500*	80,0
82,0									17,0	82,4	3 400	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

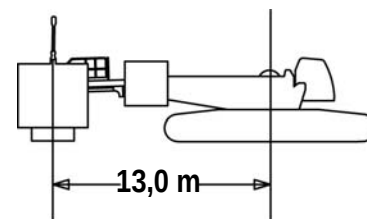
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



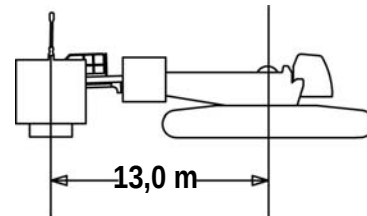
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	68,0	134,9	34 200	38 600*	70,5	135,8	29 900	38 800*					36,6
38,0	66,9	134,4	32 200	37 700*	69,4	135,3	28 200	38 700*					38,0
40,0	65,3	133,4	29 800	36 400*	67,8	134,5	25 900	38 600*					40,0
42,0	63,6	132,5	27 500	35 000*	66,2	133,6	23 900	38 400*					42,0
44,0	62,0	131,4	25 500	33 700*	64,6	132,7	22 100	38 300*					44,0
46,0	60,3	130,3	23 700	32 300*	62,9	131,7	20 400	38 100*	65,5	132,7	17 100	36 900*	46,0
48,0	58,6	129,1	22 000	31 000*	61,3	130,6	18 900	37 900*	63,9	131,7	15 800	36 900*	48,0
50,0	56,8	127,8	20 500	29 700*	59,6	129,4	17 500	37 000*	62,2	130,7	14 500	36 800*	50,0
52,0	55,0	126,4	19 100	28 400*	57,8	128,2	16 200	35 700*	60,5	129,6	13 400	36 800*	52,0
54,0	53,2	124,9	17 800	27 200*	56,1	126,8	15 000	34 400*	58,8	128,4	12 300	36 700*	54,0
56,0	51,3	123,3	16 600	25 900*	54,3	125,4	13 900	33 000*	57,1	127,1	11 300	36 600*	56,0
58,0	49,4	121,6	15 500	24 800*	52,4	123,9	12 900	31 700*	55,3	125,7	10 400	36 500	58,0
60,0	47,4	119,8	14 400	23 700*	50,5	122,3	12 000	30 400*	53,5	124,2	9 500	36 000	60,0
62,0	45,4	117,9	13 500	22 700*	48,6	120,5	11 100	29 100*	51,6	122,7	8 700	34 200	62,0
64,0	43,3	115,8	12 600	21 700*	46,6	118,7	10 200	27 900*	49,7	121,0	8 000	32 800	64,0
66,0	41,0	113,5	11 700	20 700*	44,5	116,7	9 500	26 700*	47,7	119,2	7 300	31 300	66,0
68,0	38,7	111,1	10 900	19 900*	42,3	114,5	8 800	25 500*	45,7	117,3	6 600	30 000	68,0
70,0	36,3	108,4	10 200	19 100*	40,1	112,2	8 100	24 500*	43,5	115,2	6 000	28 800	70,0
72,0	33,7	105,5	9 400	18 400*	37,7	109,6	7 400	23 400*	41,3	113,0	5 400	27 600	72,0
74,0	30,9	102,3	8 700	17 700*	35,2	106,9	6 800	22 500*	39,0	110,6	4 800	26 500	74,0
76,0	27,8	98,6	8 100	17 100*	32,5	103,8	6 200	21 600*	36,6	107,9	4 300	25 400	76,0
78,0	24,4	94,4	7 500	16 600*	29,6	100,4	5 600	20 800*	34,0	105,1	3 800	24 200*	78,0
80,0	20,5	89,5	6 800	16 200*	26,4	96,6	5 100	20 000*	31,3	101,9	3 300	23 000*	80,0
82,0	15,6	83,1	6 300	15 900*	22,8	92,1	4 600	19 300*	28,3	98,3	2 900	21 800*	82,0
84,0					18,5	86,6	4 100	18 700*	24,9	94,2	2 400	20 800*	84,0
86,0					12,9	79,2	3 500	16 800*	21,0	89,3	2 000	19 700*	86,0
88,0									16,3	83,2	1 500	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
 62 530 kg Hanging Counterweight
 at 13,0 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	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0	61,5	129,0	6 900	33 500*							56,0
58,0	59,8	127,8	6 200	33 500							58,0
60,0	58,0	126,6	5 500	32 900							60,0
62,0	56,3	125,3	4 800	31 200							62,0
64,0	54,5	123,9	4 200	29 800							64,0
66,0	52,7	122,4	3 600	28 500	57,2	124,3	25 800				66,0
68,0	50,8	120,7	3 100	27 300	55,4	122,9	24 600				68,0
70,0	48,8	119,0	2 600	26 100	53,6	121,5	23 500				70,0
72,0	46,8	117,2	2 100	25 000	51,7	119,9	22 500				72,0
74,0	44,8	115,2	1 600	24 000	49,8	118,2	21 500				74,0
76,0	42,6	113,1	1 200	23 000	47,8	116,5	20 600				76,0
78,0	40,4	110,7		22 100	45,8	114,6	19 800	50,6	116,9	17 400*	78,0
80,0	38,0	108,2		21 200	43,7	112,5	19 000	48,7	115,1	16 600*	80,0
82,0	35,5	105,5		20 300	41,5	110,3	18 200	46,7	113,3	15 800*	82,0
84,0	32,9	102,5		19 600	39,2	107,9	17 400	44,6	111,3	15 000*	84,0
86,0	30,0	99,2		18 800	36,8	105,2	16 700	42,4	109,1	14 300*	86,0
88,0	26,9	95,4		18 000	34,2	102,4	16 100	40,2	106,8	13 600*	88,0
90,0	23,3	91,0		17 400	31,5	99,2	15 400	37,8	104,3	12 900*	90,0
92,0	19,1	85,7		16 700	28,5	95,7	14 800	35,3	101,5	12 300*	92,0
94,0	13,8	78,6		16 000	25,2	91,6	14 100*	32,7	98,5	11 700*	94,0
96,0	2,8	63,8		15 300	21,3	86,8	13 500*	29,8	95,1	11 200*	96,0
98,0					16,7	80,8	12 800*	26,6	91,3	10 600*	98,0
100,0					10,0	72,0	12 200*	23,0	86,8	10 000*	100,0
102,0								18,8	81,4	9 500*	102,0
104,0								13,3	74,2	9 000*	104,0

Liftcrane Luffing Jib Capacities

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

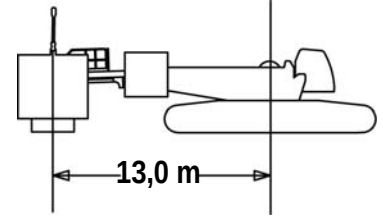
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



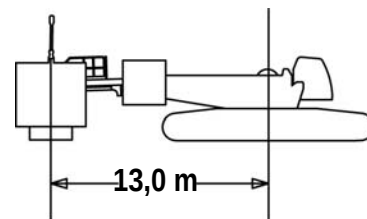
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	67,4	140,2	29 400	33 200*	69,7	141,1	25 500	33 000*					39,6
40,0	67,1	140,0	29 000	33 000*	69,5	140,9	25 100	33 000*					40,0
42,0	65,7	139,1	26 800	32 000*	68,0	140,1	23 100	32 800*					42,0
44,0	64,1	138,2	24 800	30 900*	66,5	139,3	21 200	32 600*					44,0
46,0	62,6	137,1	22 900	29 800*	65,0	138,4	19 500	32 400*	67,3	139,3	16 200	31 300*	46,0
48,0	61,1	136,0	21 300	28 800*	63,5	137,4	18 000	32 300*	65,9	138,4	14 900	31 300*	48,0
50,0	59,5	134,9	19 800	27 700*	61,9	136,3	16 700	32 100*	64,3	137,4	13 600	31 200*	50,0
52,0	57,9	133,6	18 300	26 700*	60,4	135,2	15 400	31 900*	62,8	136,4	12 500	31 100*	52,0
54,0	56,2	132,3	17 000	25 600*	58,8	134,0	14 200	31 600*	61,3	135,3	11 400	31 000*	54,0
56,0	54,6	130,9	15 900	24 600*	57,2	132,7	13 100	30 800*	59,7	134,2	10 400	30 900*	56,0
58,0	52,9	129,4	14 700	23 600*	55,5	131,4	12 100	29 700*	58,1	132,9	9 500	30 700*	58,0
60,0	51,1	127,8	13 700	22 600*	53,8	129,9	11 200	28 600*	56,5	131,6	8 700	30 600*	60,0
62,0	49,3	126,1	12 700	21 700*	52,1	128,4	10 300	27 600*	54,8	130,2	7 900	30 500*	62,0
64,0	47,5	124,3	11 800	20 800*	50,4	126,7	9 500	26 500*	53,1	128,7	7 100	30 300*	64,0
66,0	45,6	122,4	11 000	19 900*	48,5	125,0	8 700	25 500*	51,3	127,2	6 400	30 200	66,0
68,0	43,6	120,3	10 200	19 200*	46,7	123,1	8 000	24 500*	49,6	125,5	5 800	29 400	68,0
70,0	41,6	118,1	9 400	18 400*	44,8	121,2	7 300	23 600*	47,7	123,7	5 200	28 100	70,0
72,0	39,5	115,7	8 700	17 700*	42,8	119,0	6 600	22 700*	45,8	121,8	4 600	26 900	72,0
74,0	37,2	113,1	8 000	17 000*	40,7	116,7	6 000	21 800*	43,9	119,7	4 000	25 800	74,0
76,0	34,9	110,3	7 400	16 400*	38,5	114,3	5 500	20 900*	41,9	117,5	3 500	24 800	76,0
78,0	32,4	107,3	6 800	15 800*	36,3	111,6	4 900	20 200*	39,8	115,2	3 000	23 500*	78,0
80,0	29,7	103,9	6 200	15 300*	33,8	108,7	4 400	19 400*	37,5	112,6	2 500	22 300*	80,0
82,0	26,8	100,1	5 700	14 900*	31,3	105,5	3 900	18 700*	35,2	109,8	2 100	21 200*	82,0
84,0	23,5	95,7	5 100	14 500*	28,5	101,9	3 400	18 100*	32,7	106,8	1 600	20 100*	84,0
86,0	19,7	90,5	4 600	14 100*	25,4	97,9	2 900	17 400*	30,1	103,5	1 200	19 100*	86,0
88,0	15,0	83,9	4 100	13 600*	22,0	93,2	2 400	16 600*	27,2	99,7	800	18 100*	88,0
90,0					17,8	87,6	2 000	15 700*	24,0	95,4		17 100*	90,0
92,0					12,4	79,9	1 600	13 600*	20,3	90,4		16 300*	92,0
94,0									15,7	84,0		15 300*	94,0
96,0									9,0	74,5		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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

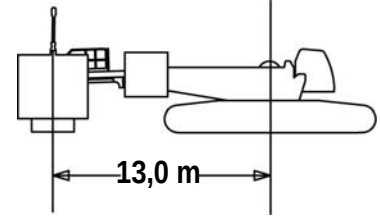
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



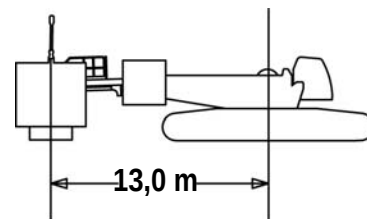
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
15,2	72,0	91,5	117 900	134 800*d									15,2
16,0	70,0	91,2	111 200	132 500*d									16,0
18,0	64,8	90,3	95 600	123 800*b									18,0
20,0	59,3	89,1	83 800	112 100*b	68,7	90,6	76 400	132 800*c					20,0
22,0	53,4	87,7	74 300	102 800*b	63,3	89,6	67 700	127 400*b					22,0
24,0	47,0	85,9	66 600	95 600*	57,8	88,4	60 600	121 200*b					24,0
26,0	39,8	83,7	60 200	89 900*	51,8	86,9	54 800	111 500*	61,8	88,7	49 300	112 400b	26,0
28,0	31,2	80,7	54 700	85 600*	45,2	85,0	49 800	103 500*	56,1	87,4	44 700	102 600b	28,0
30,0	19,1	76,0	49 800	81 700*	37,7	82,6	45 400	97 300	50,0	85,8	40 900	94 300	30,0
32,0					28,5	79,3	41 600	90 400	43,2	83,8	37 500	87 100	32,0
34,0									35,3	81,2	34 500	80 800	34,0
36,0									25,3	77,5	31 700	75 300	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
15,2													15,2
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	60,8	87,2	30 300	81 500 ^b									32,0
34,0	55,1	85,8	27 800	75 600 ^b									34,0
36,0	48,8	84,2	25 600	70 500									36,0
38,0	41,9	82,1	23 700	66 000									38,0
40,0	33,7	79,3	21 800	61 900	53,6	83,7	16 400	57 700 ^b					40,0
42,0	23,0	75,3	20 100	58 200	47,2	81,9	15 100	54 300					42,0
44,0					40,0	79,6	13 900	51 200	51,5	80,8	8 200	44 900 ^b	44,0
46,0					31,4	76,7	12 800	48 400	44,9	78,9	7 500	42 500	46,0
48,0					19,5	72,1	11 700	45 800					48,0
50,0									37,3	76,4	6 700	40 400	50,0
52,0									28,0	73,1	6 000	38 300	52,0

Liftcrane Luffing Jib Capacities

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

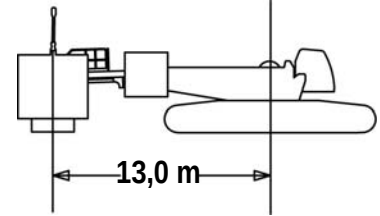
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16,8	72,7	97,3	104 500	119 600*c									16,8
18,0	70,1	96,9	95 700	115 400*b									18,0
20,0	66,0	96,0	83 700	108 100*b									20,0
22,0	61,7	94,9	74 200	100 300*b	69,0	96,3	67 400	117 200*b					22,0
24,0	57,2	93,7	66 500	92 400*	64,8	95,3	60 300	112 900*b					24,0
26,0	52,4	92,2	60 100	85 900*	60,5	94,2	54 500	108 700*b					26,0
28,0	47,3	90,4	54 700	79 300*	55,9	92,9	49 500	101 300*	63,6	94,5	44 300	102 200b	28,0
30,0	41,7	88,3	50 000	73 500*	51,1	91,4	45 200	94 000*	59,2	93,3	40 400	93 800	30,0
32,0	35,3	85,6	46 000	68 400*	45,8	89,5	41 600	87 100*	54,6	91,9	37 100	86 700	32,0
34,0	27,7	82,2	42 400	64 300*	40,1	87,2	38 300	80 800*	49,6	90,3	34 200	80 500	34,0
36,0	16,9	76,9	39 100	61 900*	33,4	84,4	35 400	75 300*	44,3	88,3	31 500	75 100	36,0
38,0					25,2	80,6	32 800	70 800*	38,3	85,9	29 200	70 300	38,0
40,0									31,3	82,9	27 100	65 900	40,0
42,0									22,4	78,7	25 200	62 000	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

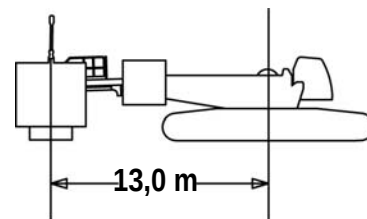
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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.	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	
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	58,4	91,8	25 000	70 000									36,0
38,0	53,7	90,3	23 100	65 500									38,0
40,0	48,7	88,7	21 400	61 500									40,0
42,0	43,2	86,6	19 900	57 900									42,0
44,0	37,1	84,1	18 400	54 600	52,5	88,1	13 300	50 700					44,0
46,0	29,9	80,9	17 100	51 700	47,4	86,4	12 300	47 900					46,0
48,0	20,4	76,3	15 800	48 900	41,8	84,2	11 300	45 400					48,0
50,0					35,5	81,6	10 400	43 100					50,0
52,0					27,9	78,1	9 500	41 000	45,6	83,4	5 400	37 800	52,0
54,0					17,2	72,9	8 700	39 000	39,8	81,1	4 800	36 000	54,0
56,0									33,1	78,2	4 300	34 300	56,0
58,0									24,8	74,4	3 700	32 800	58,0

Liftcrane Luffing Jib Capacities

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

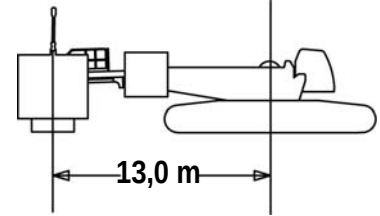
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



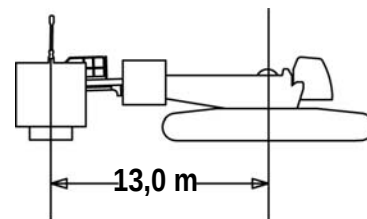
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	70,5	102,6	84 300	98 500*									19,8
20,0	70,2	102,5	83 300	97 900*									20,0
22,0	66,8	101,7	73 800	92 200*									22,0
24,0	63,2	100,7	66 100	86 300*									24,0
26,0	59,5	99,5	59 600	80 300*	65,8	101,0	53 700	99 700*					26,0
28,0	55,7	98,2	54 200	74 700*	62,2	100,0	48 800	94 300*					28,0
30,0	51,7	96,7	49 600	69 300*	58,5	98,8	44 600	88 500*	64,8	100,2	39 600	93 200	30,0
32,0	47,4	94,9	45 600	64 300*	54,6	97,4	40 900	82 700*	61,2	99,1	36 300	86 000	32,0
34,0	42,8	92,8	42 100	59 900*	50,6	95,8	37 700	77 100*	57,4	97,9	33 400	79 900	34,0
36,0	37,8	90,3	38 900	55 900*	46,2	94,0	34 900	71 800*	53,5	96,4	30 800	74 400	36,0
38,0	32,1	87,3	36 100	52 500*	41,5	91,8	32 400	66 900*	49,4	94,8	28 500	69 700	38,0
40,0	25,1	83,5	33 600	49 800*	36,3	89,2	30 100	62 400*	44,9	92,8	26 500	65 400	40,0
42,0	15,3	77,7	31 200	48 300*	30,3	86,0	28 000	58 600*	40,1	90,6	24 600	61 600	42,0
44,0					22,9	81,8	26 100	55 500*	34,7	87,8	22 900	58 100	44,0
46,0									28,4	84,4	21 400	55 000	46,0
48,0									20,3	79,7	19 900	52 000	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
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
 62 530 kg Hanging Counterweight
 at 13,0 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.	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													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	56,8	96,3	20 500	60 700									40,0
42,0	52,8	94,8	19 000	57 200									42,0
44,0	48,6	93,1	17 600	54 000									44,0
46,0	44,1	91,1	16 300	51 000	55,8	94,1	11 200	47 100					46,0
48,0	39,2	88,8	15 200	48 400	51,8	92,6	10 300	44 600					48,0
50,0	33,7	85,9	14 100	45 900	47,5	90,8	9 500	42 400					50,0
52,0	27,1	82,3	13 100	43 700	42,9	88,8	8 700	40 300					52,0
54,0	18,5	77,3	12 000	41 500	37,9	86,3	8 000	38 400	50,4	89,7	3 800	35 200	54,0
56,0					32,2	83,3	7 300	36 600	46,0	87,9	3 300	33 500	56,0
58,0					25,3	79,5	6 600	34 900	41,3	85,7	2 800	32 000	58,0
60,0					15,6	73,7	5 900	33 300	36,1	83,1	2 400	30 600	60,0
62,0									30,0	79,8	1 900	29 200	62,0
64,0									22,5	75,6	1 400	27 900	64,0

Liftcrane Luffing Jib Capacities

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

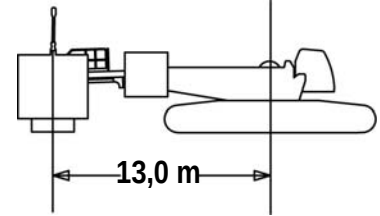
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



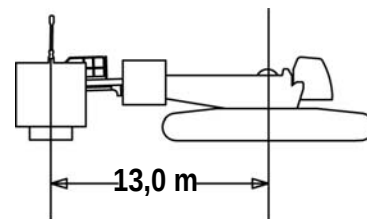
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	71,2	108,4	76 400	85 400*									21,3
22,0	70,3	108,2	73 600	83 900*									22,0
24,0	67,3	107,3	65 700	79 500*									24,0
26,0	64,3	106,4	59 300	74 900*	69,5	107,6	53 200	90 000*					26,0
28,0	61,2	105,3	53 800	70 200*	66,5	106,7	48 300	86 500*					28,0
30,0	58,0	104,1	49 200	65 600*	63,5	105,7	44 000	82 400*					30,0
32,0	54,7	102,7	45 200	61 300*	60,3	104,6	40 400	77 900*	65,6	105,9	35 600	85 400	32,0
34,0	51,2	101,2	41 700	57 200*	57,1	103,4	37 200	73 400*	62,6	104,9	32 700	79 300	34,0
36,0	47,5	99,4	38 600	53 400*	53,7	101,9	34 400	68 800*	59,4	103,7	30 200	73 900	36,0
38,0	43,7	97,3	35 800	49 900*	50,2	100,3	31 900	64 400*	56,2	102,4	28 000	69 100	38,0
40,0	39,5	95,0	33 300	46 800*	46,5	98,5	29 600	60 300*	52,8	100,9	25 900	64 900	40,0
42,0	34,8	92,2	31 100	44 000*	42,6	96,3	27 600	56 400*	49,2	99,2	24 100	61 100	42,0
44,0	29,5	88,9	29 000	41 700*	38,3	93,9	25 800	52 800*	45,4	97,3	22 400	57 600	44,0
46,0	23,1	84,7	27 100	39 800*	33,5	91,0	24 100	49 700*	41,4	95,1	20 900	54 600	46,0
48,0	14,1	78,4	25 300	38 900*	27,9	87,5	22 500	46 900*	37,0	92,6	19 500	51 700	48,0
50,0					21,1	82,9	21 000	44 700*	32,0	89,6	18 200	49 100	50,0
52,0									26,2	85,8	17 000	46 700	52,0
54,0									18,7	80,7	15 900	44 400	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
 62 530 kg Hanging Counterweight
 at 13,0 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.	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													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	62,0	103,4	19 800	60 100									40,0
42,0	58,9	102,2	18 200	56 600									42,0
44,0	55,6	100,8	16 900	53 400									44,0
46,0	52,2	99,3	15 700	50 500									46,0
48,0	48,6	97,6	14 500	47 800									48,0
50,0	44,7	95,6	13 500	45 400	54,7	98,7	8 700	41 800					50,0
52,0	40,6	93,4	12 500	43 200	51,3	97,1	8 000	39 700					52,0
54,0	36,1	90,7	11 600	41 100	47,6	95,3	7 300	37 800					54,0
56,0	31,0	87,6	10 700	39 200	43,7	93,3	6 600	36 000					56,0
58,0	25,0	83,7	9 900	37 400	39,5	90,9	6 000	34 400	50,1	94,2	2 100	31 400	58,0
60,0	17,0	78,2	9 100	35 800	34,9	88,2	5 400	32 900	46,3	92,4	1 600	30 000	60,0
62,0					29,7	84,9	4 800	31 400	42,4	90,2	1 200	28 700	62,0
64,0					23,3	80,7	4 300	30 100	38,0	87,8	800	27 400	64,0
66,0					14,3	74,4	3 700	28 800	33,2	84,9		26 300	66,0
68,0									27,7	81,3		25 200	68,0
70,0									20,7	76,6		24 100	70,0

Liftcrane Luffing Jib Capacities

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

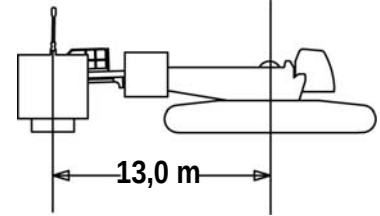
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



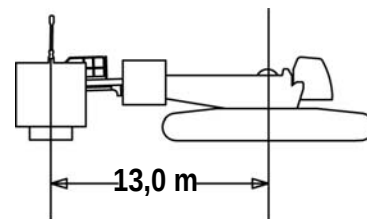
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	69,8	113,7	63 800	71 700*									24,4
26,0	67,7	113,0	58 700	68 900*									26,0
28,0	65,1	112,1	53 200	65 200*	69,6	113,2	47 600	77 000*					28,0
30,0	62,4	111,1	48 600	61 500*	67,0	112,4	43 300	75 500*					30,0
32,0	59,7	109,9	44 600	57 900*	64,4	111,5	39 600	72 100*					32,0
34,0	56,8	108,7	41 100	54 300*	61,7	110,4	36 500	68 700*	66,3	111,6	31 900	75 200*	34,0
36,0	53,9	107,2	38 000	51 000*	58,9	109,2	33 600	65 100*	63,6	110,6	29 300	73 100	36,0
38,0	50,8	105,6	35 200	47 800*	56,0	107,9	31 100	61 500*	60,9	109,5	27 100	68 400	38,0
40,0	47,6	103,8	32 800	44 800*	53,1	106,4	28 900	57 900*	58,1	108,3	25 100	64 200	40,0
42,0	44,3	101,8	30 600	42 100*	50,0	104,8	26 900	54 500*	55,2	106,9	23 300	60 400	42,0
44,0	40,7	99,6	28 500	39 600*	46,7	102,9	25 100	51 200*	52,2	105,4	21 600	57 000	44,0
46,0	36,8	97,0	26 700	37 400*	43,3	100,9	23 400	48 100*	49,1	103,7	20 200	53 900	46,0
48,0	32,4	94,0	25 000	35 400*	39,6	98,5	21 900	45 300*	45,8	101,8	18 800	51 100	48,0
50,0	27,5	90,4	23 400	33 800*	35,6	95,8	20 500	42 600*	42,3	99,7	17 500	48 500	50,0
52,0	21,6	85,8	22 000	32 500*	31,2	92,7	19 200	40 300*	38,5	97,2	16 400	46 100	52,0
54,0	13,1	79,0	20 500	31 900*	26,0	88,9	18 000	38 300*	34,4	94,4	15 300	43 900	54,0
56,0					19,6	83,9	16 800	36 700*	29,8	91,2	14 300	41 900	56,0
58,0									24,4	87,1	13 300	40 000	58,0
60,0									17,4	81,6	12 300	38 200	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24,4												24,4
26,0												26,0
28,0												28,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0	60,4	108,0	15 900	52 600								44,0
46,0	57,6	106,7	14 700	49 700								46,0
48,0	54,7	105,3	13 600	47 100								48,0
50,0	51,7	103,8	12 600	44 700								50,0
52,0	48,5	102,1	11 600	42 500	56,9	104,6	6 900	38 900				52,0
54,0	45,2	100,1	10 700	40 400	53,9	103,2	6 300	37 000				54,0
56,0	41,6	97,9	9 900	38 500	50,9	101,6	5 600	35 300				56,0
58,0	37,8	95,4	9 200	36 800	47,7	99,8	5 000	33 600				58,0
60,0	33,6	92,6	8 400	35 200	44,3	97,8	4 500	32 100				60,0
62,0	28,9	89,2	7 700	33 600	40,7	95,5	3 900	30 700	49,8	98,7	27 800	62,0
64,0	23,3	84,9	7 100	32 200	36,8	93,0	3 400	29 400	46,6	96,8	26 600	64,0
66,0	15,8	79,0	6 400	30 800	32,5	90,0	3 000	28 200	43,1	94,8	25 500	66,0
68,0					27,6	86,4	2 500	27 000	39,5	92,4	24 400	68,0
70,0					21,7	81,8	2 000	25 900	35,4	89,7	23 400	70,0
72,0									31,0	86,5	22 500	72,0
74,0									25,8	82,7	21 500	74,0
76,0									19,3	77,6	20 600	76,0

Liftcrane Luffing Jib Capacities

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

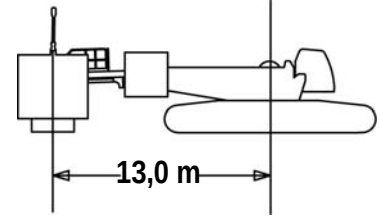
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



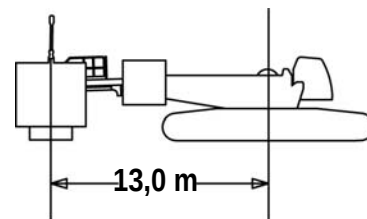
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	68,7	118,9	54 200	60 800*									27,4
28,0	68,0	118,7	52 800	60 000*									28,0
30,0	65,7	117,8	48 100	57 200*	69,7	118,9	42 700	66 100*					30,0
32,0	63,3	116,8	44 000	54 300*	67,4	118,1	39 000	65 800*					32,0
34,0	60,9	115,7	40 500	51 300*	65,1	117,2	35 800	63 300*					34,0
36,0	58,4	114,5	37 500	48 400*	62,7	116,2	33 000	60 700*	66,8	117,3	28 700	64 000*	36,0
38,0	55,9	113,2	34 700	45 700*	60,3	115,0	30 500	57 900*	64,4	116,3	26 400	64 000*	38,0
40,0	53,3	111,7	32 300	43 000*	57,8	113,8	28 300	55 100*	62,0	115,3	24 400	63 300	40,0
42,0	50,5	110,1	30 000	40 500*	55,2	112,4	26 300	52 200*	59,6	114,1	22 600	59 900	42,0
44,0	47,7	108,3	28 000	38 200*	52,5	110,9	24 500	49 400*	57,0	112,8	21 000	56 400	44,0
46,0	44,7	106,3	26 200	36 000*	49,8	109,2	22 900	46 700*	54,5	111,4	19 500	53 300	46,0
48,0	41,6	104,1	24 500	34 100*	46,9	107,4	21 300	44 000*	51,8	109,9	18 100	50 500	48,0
50,0	38,2	101,7	23 000	32 300*	43,9	105,4	20 000	41 600*	49,0	108,2	16 900	47 900	50,0
52,0	34,5	98,9	21 600	30 600*	40,7	103,1	18 700	39 300*	46,1	106,3	15 700	45 600	52,0
54,0	30,5	95,6	20 300	29 200*	37,2	100,6	17 500	37 100*	43,0	104,2	14 700	43 400	54,0
56,0	25,9	91,8	19 000	28 000*	33,5	97,7	16 400	35 100*	39,7	101,9	13 700	41 400	56,0
58,0	20,3	86,9	17 900	27 000*	29,3	94,3	15 300	33 400*	36,2	99,2	12 700	39 500	58,0
60,0	12,3	79,6	16 700	26 600*	24,5	90,2	14 300	31 900*	32,4	96,2	11 900	37 800	60,0
62,0					18,5	84,9	13 400	30 800*	28,0	92,6	11 100	36 200	62,0
64,0					8,9	76,1	12 400	30 200*	22,9	88,3	10 300	34 600	64,0
66,0									16,4	82,4	9 500	33 200	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

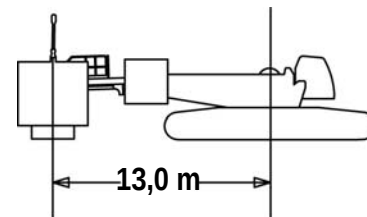
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



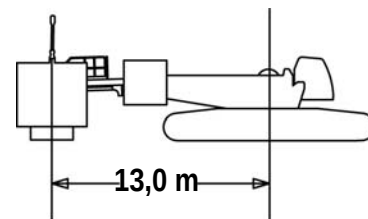
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	67,8	124,2	46 400	52 000*	69,8	124,6	38 200	56 500*					30,5
32,0	66,2	123,5	43 400	50 300*	67,7	123,7	35 000	56 500*					32,0
34,0	64,1	122,5	39 900	47 900*	65,6	122,9	32 200	55 600*					34,0
36,0	61,9	121,5	36 800	45 600*	63,5	121,9	29 800	53 700*					36,0
38,0	59,7	120,3	34 000	43 300*	61,3	120,8	27 500	51 500*	65,0	122,0	23 500	54 400*	40,0
40,0	57,5	119,1	31 600	41 000*	59,1	119,6	25 500	49 300*	62,9	121,0	21 700	54 400*	42,0
42,0	55,2	117,7	29 300	38 900*	56,8	118,3	23 700	47 000*	60,7	119,9	20 100	54 400*	44,0
44,0	52,8	116,2	27 400	36 800*	54,5	116,9	22 100	44 800*	58,5	118,7	18 600	52 700	46,0
46,0	50,3	114,6	25 600	34 800*	52,1	115,4	20 600	42 500*	56,2	117,4	17 300	49 800	48,0
48,0	47,7	112,8	23 900	32 900*	49,6	113,7	19 200	40 400*	53,8	115,9	16 000	47 300	50,0
50,0	45,1	110,8	22 300	31 200*	47,0	111,9	17 900	38 300*	51,4	114,4	14 900	44 900	52,0
52,0	42,3	108,7	21 000	29 600*	44,3	109,9	16 800	36 300*	48,9	112,7	13 900	42 800	54,0
54,0	39,3	106,3	19 600	28 100*	41,5	107,7	15 700	34 400*	46,3	110,8	12 900	40 700	56,0
56,0	36,1	103,6	18 400	26 800*	38,5	105,2	14 600	32 600*	43,5	108,7	12 000	38 900	58,0
58,0	32,7	100,6	17 300	25 600*	35,2	102,5	13 700	31 000*	40,6	106,4	11 100	37 200	60,0
60,0	28,9	97,2	16 200	24 500*	31,7	99,4	12 800	29 500*	37,6	103,9	10 300	35 600	62,0
62,0	24,5	93,1	15 200	23 600*	27,7	95,7	11 900	28 200*	34,3	101,1	9 600	34 100	64,0
64,0	19,2	87,9	14 300	22 900*	23,2	91,4	11 200	27 100*	30,6	97,8	8 900	32 600	66,0
66,0	11,6	80,2	13 300	22 600*	17,5	85,8	10 400	26 200*	26,5	94,1	8 200	31 300	68,0
68,0					8,4	76,5	9 600	25 800*	21,7	89,4	7 500	30 000	70,0
70,0									15,5	83,2	6 900	28 800	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													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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0	60,3	118,4	10 800	43 300									50,0
52,0	58,1	117,1	9 900	41 100									52,0
54,0	55,8	115,8	9 100	39 100									54,0
56,0	53,4	114,3	8 300	37 200									56,0
58,0	51,0	112,7	7 500	35 500	57,5	115,0	3 200	32 200					58,0
60,0	48,4	111,0	6 900	33 900	55,2	113,6	2 700	30 700					60,0
62,0	45,8	109,1	6 200	32 400	52,8	112,1	2 200	29 300					62,0
64,0	43,0	107,0	5 600	31 000	50,4	110,5	1 700	28 000					64,0
66,0	40,1	104,7	5 000	29 700	47,8	108,7	1 300	26 800					66,0
68,0	37,0	102,1	4 500	28 500	45,1	106,8	900	25 700					68,0
70,0	33,6	99,2	4 000	27 300	42,3	104,6		24 600	49,5	107,6	22 000		70,0
72,0	29,9	95,9	3 500	26 200	39,4	102,3		23 600	46,9	105,8	21 100		72,0
74,0	25,7	92,0	3 000	25 200	36,2	99,6		22 600	44,2	103,8	20 200		74,0
76,0	20,7	87,1	2 600	24 200	32,7	96,6		21 700	41,3	101,6	19 300		76,0
78,0	14,1	80,4	2 100	23 200	28,9	93,2		20 900	38,3	99,1	18 500		78,0
80,0					24,6	89,1		20 000	35,1	96,3	17 800		80,0
82,0					19,3	83,9		19 200	31,5	93,2	17 100		82,0
84,0									27,5	89,6	16 400		84,0
86,0									22,9	85,2	15 700*		86,0
88,0									17,2	79,5	15 000*		88,0

Liftcrane Luffing Jib Capacities

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

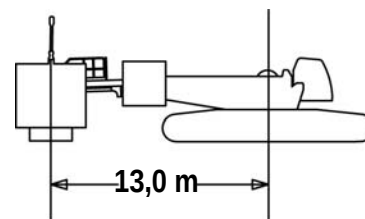
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



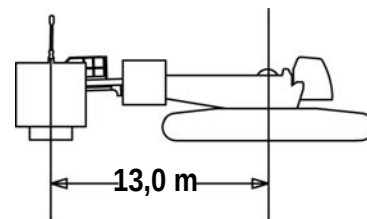
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	67,1	129,4	39 900	44 500*	70,3	130,4	34 900	48 400*					33,5
34,0	66,6	129,2	39 200	44 100*	69,9	130,2	34 200	48 400*					34,0
36,0	64,7	128,2	36 000	42 400*	68,0	129,4	31 400	48 400*					36,0
38,0	62,7	127,2	33 300	40 500*	66,1	128,5	28 900	48 400*					38,0
40,0	60,8	126,1	30 800	38 700*	64,2	127,6	26 700	47 400*	67,5	128,6	22 600	46 400*	40,0
42,0	58,7	124,9	28 600	36 800*	62,2	126,6	24 700	45 700*	65,5	127,7	20 800	46 400*	42,0
44,0	56,7	123,6	26 600	35 000*	60,2	125,4	22 900	44 000*	63,6	126,7	19 200	46 400*	44,0
46,0	54,5	122,2	24 800	33 300*	58,2	124,2	21 300	42 200*	61,6	125,7	17 800	46 400*	46,0
48,0	52,4	120,7	23 200	31 600*	56,1	122,9	19 800	40 400*	59,6	124,5	16 400	46 400*	48,0
50,0	50,1	119,0	21 600	30 100*	54,0	121,4	18 400	38 600*	57,6	123,3	15 200	46 300	50,0
52,0	47,8	117,3	20 200	28 600*	51,8	119,9	17 100	36 800*	55,5	121,9	14 000	44 200	52,0
54,0	45,4	115,3	18 900	27 200*	49,5	118,2	15 900	35 100*	53,3	120,4	13 000	42 100	54,0
56,0	42,8	113,2	17 700	25 900*	47,1	116,4	14 900	33 400*	51,1	118,8	12 000	40 100	56,0
58,0	40,2	110,9	16 600	24 700*	44,7	114,4	13 900	31 800*	48,8	117,1	11 200	38 200	58,0
60,0	37,4	108,3	15 500	23 500*	42,1	112,2	12 900	30 300*	46,5	115,3	10 300	36 500	60,0
62,0	34,4	105,5	14 600	22 500*	39,4	109,8	12 000	28 800*	44,0	113,2	9 500	34 900	62,0
64,0	31,1	102,3	13 700	21 600*	36,6	107,2	11 200	27 500*	41,4	111,0	8 800	33 400	64,0
66,0	27,5	98,6	12 800	20 800*	33,5	104,3	10 400	26 300*	38,6	108,6	8 100	32 000	66,0
68,0	23,3	94,3	11 900	20 200*	30,1	101,0	9 700	25 200*	35,7	105,9	7 400	30 600	68,0
70,0	18,2	88,8	11 100	19 700*	26,4	97,2	9 000	24 100*	32,6	102,8	6 800	29 400	70,0
72,0					22,0	92,6	8 300	23 300*	29,1	99,4	6 200	28 200	72,0
74,0					16,6	86,6	7 700	22 600*	25,2	95,4	5 600	27 100	74,0
76,0					8,0	76,9	7 000	21 400*	20,7	90,5	5 100	26 000	76,0
78,0									14,7	84,0	4 500	24 900	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

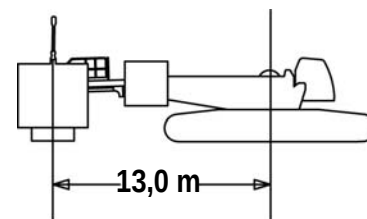
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



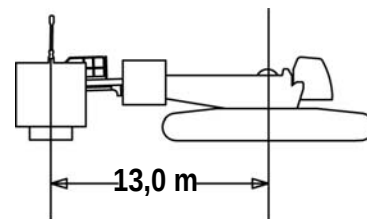
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	65,1	133,9	32 500	37 300*	68,1	135,0	28 000	41 600*					38,1
40,0	63,4	132,9	30 100	35 900*	66,5	134,2	25 900	41 500*					40,0
42,0	61,6	131,9	27 900	34 400*	64,7	133,3	23 900	41 400*					42,0
44,0	59,8	130,7	25 900	32 900*	62,9	132,3	22 100	40 500*	66,0	133,4	18 300	39 900*	44,0
46,0	57,9	129,5	24 100	31 500*	61,1	131,2	20 500	39 100*	64,2	132,4	16 900	39 900*	46,0
48,0	56,0	128,1	22 500	30 100*	59,3	130,0	19 000	37 700*	62,4	131,4	15 600	39 900*	48,0
50,0	54,0	126,7	20 900	28 700*	57,4	128,7	17 600	36 300*	60,6	130,3	14 400	39 900*	50,0
52,0	52,0	125,2	19 600	27 400*	55,5	127,4	16 400	34 900*	58,7	129,1	13 200	39 900*	52,0
54,0	50,0	123,5	18 300	26 100*	53,5	125,9	15 200	33 500*	56,8	127,8	12 200	39 900*	54,0
56,0	47,8	121,7	17 100	24 900*	51,5	124,3	14 100	32 000*	54,9	126,4	11 200	39 300	56,0
58,0	45,6	119,8	16 000	23 800*	49,4	122,7	13 200	30 600*	52,9	124,9	10 300	37 600	58,0
60,0	43,3	117,7	14 900	22 700*	47,2	120,8	12 200	29 300*	50,9	123,3	9 500	35 900	60,0
62,0	40,9	115,5	13 900	21 700*	45,0	118,9	11 300	28 000*	48,8	121,6	8 700	34 200	62,0
64,0	38,4	113,0	13 000	20 800*	42,7	116,7	10 500	26 800*	46,6	119,7	8 000	32 800	64,0
66,0	35,7	110,3	12 200	19 900*	40,2	114,4	9 700	25 600*	44,3	117,7	7 300	31 300	66,0
68,0	32,8	107,3	11 400	19 200*	37,7	111,9	9 000	24 500*	42,0	115,6	6 700	30 000	68,0
70,0	29,7	103,9	10 600	18 500*	34,9	109,1	8 300	23 400*	39,5	113,2	6 100	28 800	70,0
72,0	26,2	100,0	9 800	17 800*	32,0	106,0	7 700	22 500*	36,9	110,6	5 500	27 600	72,0
74,0	22,3	95,4	9 100	17 400*	28,8	102,5	7 000	21 600*	34,1	107,7	4 900	26 500	74,0
76,0	17,4	89,7	8 500	17 000*	25,2	98,5	6 500	20 800*	31,1	104,5	4 400	25 500	76,0
78,0					21,1	93,7	5 900	20 100*	27,8	100,9	3 900	24 500	78,0
80,0					15,9	87,4	5 300	19 600*	24,1	96,7	3 400	23 500	80,0
82,0					7,6	77,2	4 700	17 800*	19,7	91,5	2 900	22 600	82,0
84,0									14,0	84,7	2 400	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

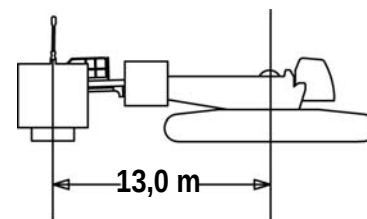
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



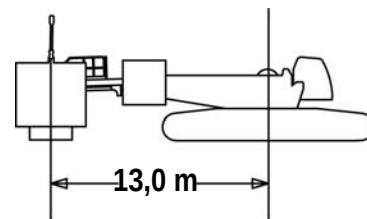
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	64,7	139,1	28 200	32 300*	67,5	140,3	24 100	35 700*					41,1
42,0	64,0	138,6	27 300	31 800*	66,8	139,9	23 300	35 600*					42,0
44,0	62,3	137,6	25 300	30 600*	65,2	139,0	21 400	35 500*					44,0
46,0	60,6	136,5	23 500	29 400*	63,5	138,0	19 800	35 400*	66,3	139,1	16 100	34 200*	46,0
48,0	58,9	135,3	21 800	28 200*	61,9	136,9	18 300	34 800*	64,7	138,1	14 800	34 200*	48,0
50,0	57,2	134,0	20 300	27 100*	60,2	135,8	17 000	33 600*	63,1	137,1	13 600	34 200*	50,0
52,0	55,4	132,7	18 900	25 900*	58,5	134,6	15 700	32 500*	61,4	136,1	12 500	34 200*	52,0
54,0	53,6	131,2	17 600	24 800*	56,7	133,3	14 500	31 400*	59,7	134,9	11 400	34 200*	54,0
56,0	51,7	129,7	16 400	23 700*	54,9	131,9	13 400	30 200*	58,0	133,7	10 500	34 200*	56,0
58,0	49,8	128,0	15 300	22 700*	53,1	130,4	12 500	29 100*	56,2	132,4	9 600	34 100*	58,0
60,0	47,8	126,2	14 300	21 800*	51,2	128,8	11 500	27 900*	54,4	130,9	8 800	34 000*	60,0
62,0	45,8	124,3	13 300	20 800*	49,3	127,1	10 700	26 800*	52,6	129,4	8 000	33 200*	62,0
64,0	43,7	122,2	12 400	20 000*	47,3	125,3	9 800	25 700*	50,7	127,8	7 300	32 000*	64,0
66,0	41,5	120,0	11 600	19 100*	45,3	123,4	9 100	24 700*	48,7	126,1	6 600	30 800	66,0
68,0	39,2	117,6	10 800	18 400*	43,1	121,3	8 400	23 600*	46,7	124,2	6 000	29 500	68,0
70,0	36,8	115,0	10 000	17 700*	40,9	119,0	7 700	22 700*	44,7	122,2	5 400	28 200	70,0
72,0	34,2	112,1	9 300	17 000*	38,6	116,6	7 000	21 700*	42,5	120,1	4 800	27 100	72,0
74,0	31,5	109,0	8 600	16 400*	36,1	113,9	6 500	20 900*	40,3	117,8	4 300	26 000	74,0
76,0	28,5	105,4	8 000	15 900*	33,5	110,9	5 900	20 100*	37,9	115,2	3 700	25 000	76,0
78,0	25,2	101,4	7 400	15 400*	30,7	107,7	5 300	19 400*	35,4	112,5	3 200	24 000	78,0
80,0	21,4	96,6	6 800	15 100*	27,6	104,0	4 800	18 700*	32,7	109,5	2 800	23 000	80,0
82,0	16,7	90,6	6 200	14 800*	24,2	99,8	4 200	18 100*	29,9	106,1	2 300	22 100	82,0
84,0					20,2	94,7	3 800	17 600*	26,7	102,3	1 900	21 300	84,0
86,0					15,2	88,2	3 300	17 100*	23,1	97,9	1 500	20 200*	86,0
88,0					7,3	77,6	2 700	14 800*	18,9	92,5	1 100	19 200*	88,0
90,0									13,5	85,4		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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

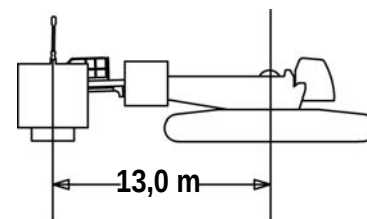
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



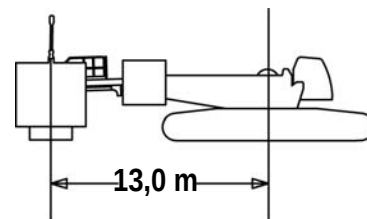
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	64,3	144,3	24 400	28 000*	66,9	145,5	20 400	30 100*					44,2
46,0	62,9	143,3	22 700	27 100*	65,6	144,7	19 000	30 000*					46,0
48,0	61,4	142,3	21 100	26 200*	64,0	143,7	17 500	29 800*	66,6	144,8	13 900	28 900*	48,0
50,0	59,8	141,1	19 500	25 300*	62,5	142,7	16 100	29 700*	65,1	143,8	12 700	28 900*	50,0
52,0	58,2	139,9	18 200	24 300*	61,0	141,6	14 900	29 500*	63,6	142,9	11 600	28 800*	52,0
54,0	56,6	138,6	16 900	23 400*	59,4	140,4	13 700	29 000*	62,1	141,8	10 600	28 800*	54,0
56,0	54,9	137,2	15 700	22 500*	57,8	139,2	12 600	28 000*	60,5	140,7	9 600	28 700*	56,0
58,0	53,2	135,7	14 600	21 600*	56,1	137,8	11 700	27 100*	58,9	139,5	8 700	28 700*	58,0
60,0	51,5	134,1	13 500	20 700*	54,5	136,4	10 700	26 200*	57,3	138,2	7 900	28 500*	60,0
62,0	49,7	132,5	12 600	19 900*	52,8	134,9	9 900	25 300*	55,7	136,9	7 100	28 500*	62,0
64,0	47,9	130,7	11 700	19 100*	51,0	133,3	9 000	24 400*	54,0	135,4	6 400	28 400*	64,0
66,0	46,0	128,8	10 800	18 400*	49,2	131,6	8 300	23 500*	52,3	133,9	5 700	28 300*	66,0
68,0	44,0	126,7	10 000	17 600*	47,4	129,8	7 600	22 600*	50,5	132,3	5 100	27 900*	68,0
70,0	42,0	124,6	9 300	17 000*	45,5	127,8	6 900	21 800*	48,7	130,5	4 500	27 100*	70,0
72,0	39,9	122,2	8 600	16 300*	43,5	125,8	6 300	21 000*	46,8	128,7	3 900	26 200*	72,0
74,0	37,7	119,7	7 900	15 700*	41,5	123,6	5 600	20 200*	44,9	126,7	3 400	25 300	74,0
76,0	35,4	116,9	7 300	15 200*	39,3	121,2	5 100	19 400*	42,9	124,6	2 900	24 300	76,0
78,0	32,9	113,9	6 700	14 700*	37,1	118,6	4 500	18 700*	40,9	122,3	2 400	23 300	78,0
80,0	30,3	110,6	6 100	14 200*	34,7	115,7	4 000	18 000*	38,7	119,9	2 000	22 400	80,0
82,0	27,4	106,9	5 500	13 800*	32,2	112,7	3 500	17 400*	36,4	117,2	1 500	21 500	82,0
84,0	24,2	102,6	5 000	13 400*	29,5	109,2	3 000	16 900*	34,1	114,3	1 100	20 700	84,0
86,0	20,5	97,7	4 500	13 200*	26,6	105,4	2 600	16 300*	31,5	111,2		19 800*	86,0
88,0	16,1	91,4	4 000	13 000*	23,3	101,0	2 200	15 900*	28,7	107,7		18 800*	88,0
90,0					19,4	95,7	1 700	15 500*	25,7	103,7		17 800*	90,0
92,0					14,6	89,0	1 300	14 700*	22,3	99,1		16 800*	92,0
94,0					7,0	77,9	800	11 700*	18,2	93,5		16 000*	94,0
96,0									13,0	86,0		14 700*	96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

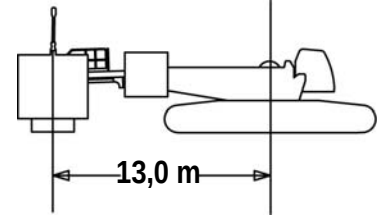
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



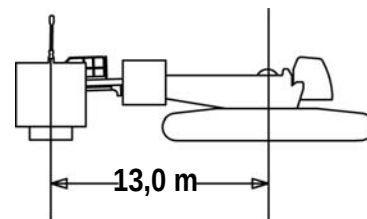
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16,8	69,2	97,0	104 200	117 700*c									16,8
18,0	65,9	96,5	95 400	113 000*b									18,0
20,0	60,5	95,4	83 500	105 200*b									20,0
22,0	54,7	94,0	74 000	97 500*b	65,3	96,0	66 600	119 600*c					22,0
24,0	48,4	92,3	66 400	90 300*	59,8	94,8	59 500	112 500*b					24,0
26,0	41,4	90,2	59 900	83 800*	54,0	93,4	53 700	105 000*b	64,6	95,2	47 500	110 900b	26,0
28,0	33,2	87,4	54 400	78 300*	47,7	91,7	48 800	97 700*	59,1	94,1	43 100	101 200b	28,0
30,0	22,2	83,2	49 600	74 500*	40,6	89,5	44 600	90 900*	53,2	92,6	39 300	93 000b	30,0
32,0					32,1	86,6	40 900	85 000*	46,8	90,8	36 100	86 000	32,0
34,0					20,6	82,2	37 500	79 800*	39,6	88,6	33 200	79 800	34,0
36,0									30,9	85,5	30 500	74 300	36,0
38,0									18,6	80,8	28 100	69 400	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
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
 62 530 kg Hanging Counterweight
 at 13,0 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	
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0	59,6	92,7	25 600	73 900b									34,0
36,0	53,7	91,3	23 500	68 900b									36,0
38,0	47,3	89,5	21 700	64 400									38,0
40,0	40,2	87,3	20 000	60 500									40,0
42,0	31,7	84,3	18 500	56 900	53,7	89,3	12 600	52 400b					42,0
44,0	19,8	79,8	17 000	53 600	47,4	87,6	11 600	49 400					44,0
46,0					40,2	85,3	10 600	46 700					46,0
48,0					31,7	82,4	9 700	44 200					48,0
50,0					19,9	77,9	8 700	41 900	46,7	84,9	4 200	38 400	50,0
52,0									39,5	82,6	3 600	36 500	52,0
54,0									30,8	79,6	3 000	34 700	54,0
56,0									18,3	74,8	2 400	33 000	56,0

Liftcrane Luffing Jib Capacities

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

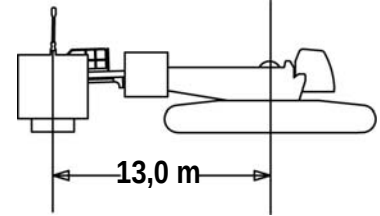
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	67,3	102,2	84 300	96 600* b									19,8
20,0	66,9	102,2	83 400	96 000* b									20,0
22,0	62,6	101,2	73 900	89 900* b									22,0
24,0	58,1	99,9	66 200	83 700*	66,4	101,7	59 200	102 700* b					24,0
26,0	53,4	98,5	59 800	77 800*	62,1	100,6	53 400	97 200* b					26,0
28,0	48,4	96,8	54 400	72 300*	57,6	99,4	48 500	91 300*	65,8	100,9	42 600	100 800 b	28,0
30,0	42,9	94,7	49 800	67 300*	52,9	97,9	44 300	85 300*	61,5	99,9	38 800	92 500 b	30,0
32,0	36,7	92,2	45 700	63 000*	47,8	96,2	40 700	79 600*	57,0	98,6	35 600	85 500	32,0
34,0	29,4	88,9	42 100	59 400*	42,2	94,1	37 500	74 300*	52,2	97,1	32 800	79 400	34,0
36,0	19,7	84,2	38 900	57 000*	36,0	91,5	34 700	69 500*	47,1	95,3	30 300	74 000	36,0
38,0					28,5	88,1	32 100	65 400*	41,5	93,2	28 000	69 300	38,0
40,0					18,2	83,1	29 700	62 400*	35,1	90,5	26 000	65 000	40,0
42,0									27,4	87,0	24 100	61 200	42,0
44,0									16,4	81,6	22 400	57 700	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

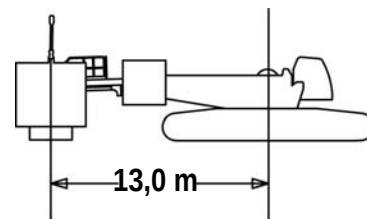
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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.	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													32,0
34,0													34,0
36,0													36,0
38,0	57,4	97,3	21 100	63 900									38,0
40,0	52,6	95,8	19 500	60 000									40,0
42,0	47,5	94,0	18 000	56 500									42,0
44,0	41,9	91,9	16 700	53 300									44,0
46,0	35,6	89,3	15 500	50 400	52,6	93,8	9 900	46 200					46,0
48,0	28,1	85,8	14 300	47 700	47,5	92,1	9 100	43 800					48,0
50,0	17,6	80,7	13 200	45 300	42,0	89,9	8 300	41 500					50,0
52,0					35,7	87,3	7 500	39 500	52,2	91,2	2 900	35 900	52,0
54,0					28,1	83,9	6 800	37 600	47,0	89,4	2 400	34 200	54,0
56,0					17,6	78,8	6 100	35 800	41,4	87,2	1 900	32 600	56,0
58,0									35,0	84,5	1 500	31 100	58,0
60,0									27,3	81,0	1 000	29 700	60,0
62,0									16,2	75,6		28 300	62,0

Liftcrane Luffing Jib Capacities

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

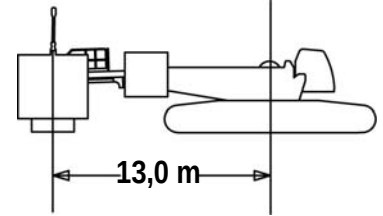
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



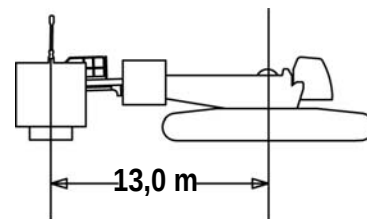
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	66,0	107,4	69 900	80 300*									22,9
24,0	64,0	106,9	65 800	77 500*									24,0
26,0	60,3	105,8	59 300	72 600*	67,1	107,3	52 600	88 900*					26,0
28,0	56,5	104,5	53 900	67 800*	63,6	106,4	47 800	84 500*					28,0
30,0	52,6	103,0	49 300	63 200*	59,9	105,2	43 600	79 900*					30,0
32,0	48,4	101,3	45 300	59 000*	56,1	103,9	40 000	75 100*	63,1	105,6	34 700	84 800	32,0
34,0	43,8	99,3	41 800	55 100*	52,1	102,4	36 900	70 400*	59,4	104,5	31 900	78 700	34,0
36,0	38,9	96,9	38 700	51 700*	47,9	100,6	34 100	65 900*	55,6	103,1	29 500	73 300	36,0
38,0	33,3	94,0	35 900	48 800*	43,3	98,6	31 600	61 700*	51,6	101,6	27 300	68 700	38,0
40,0	26,7	90,4	33 400	46 400*	38,3	96,2	29 400	57 900*	47,3	99,8	25 300	64 400	40,0
42,0	17,8	85,2	31 000	44 900*	32,6	93,2	27 300	54 500*	42,7	97,7	23 500	60 700	42,0
44,0					25,9	89,5	25 500	51 700*	37,6	95,2	21 900	57 200	44,0
46,0					16,5	83,9	23 700	49 600*	31,8	92,2	20 400	54 100	46,0
48,0									24,9	88,3	19 000	51 300	48,0
50,0									14,9	82,3	17 600	48 600	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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												38,0
40,0	59,7	103,1	18 500	59 200								40,0
42,0	55,9	101,8	17 100	55 700								42,0
44,0	51,9	100,3	15 800	52 500								44,0
46,0	47,6	98,5	14 600	49 700								46,0
48,0	43,1	96,4	13 500	47 100	55,9	99,8	8 000	42 900				48,0
50,0	38,0	94,0	12 500	44 700	51,9	98,3	7 300	40 700				50,0
52,0	32,3	91,0	11 600	42 500	47,6	96,5	6 600	38 700				52,0
54,0	25,5	87,2	10 700	40 500	43,1	94,5	6 000	36 900				54,0
56,0	15,9	81,5	9 800	38 600	38,0	92,0	5 400	35 100				56,0
58,0					32,3	89,0	4 800	33 500	47,2	93,8	30 200	58,0
60,0					25,5	85,2	4 200	32 000	42,6	91,7	28 900	60,0
62,0					15,9	79,6	3 600	30 600	37,5	89,3	27 600	62,0
64,0									31,7	86,2	26 400	64,0
66,0									24,7	82,3	25 300	66,0
68,0									14,7	76,3	24 100	68,0

Liftcrane Luffing Jib Capacities

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

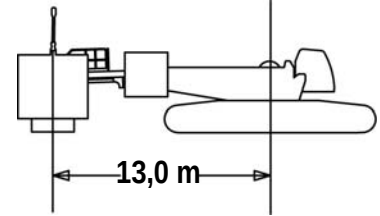
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



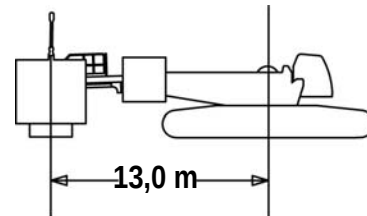
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	65,1	112,6	59 200	67 500*	70,7	113,8	52 300	78 700*b					25,9
26,0	64,9	112,6	58 900	67 400*	70,5	113,8	52 100	78 700*b					26,0
28,0	61,8	111,6	53 500	63 400*	67,6	113,0	47 200	77 600*					28,0
30,0	58,7	110,4	48 900	59 500*	64,6	112,1	43 100	74 000*					30,0
32,0	55,4	109,0	44 900	55 800*	61,5	111,0	39 500	70 300*	67,2	112,3	34 100	77 400*	32,0
34,0	51,9	107,5	41 400	52 300*	58,3	109,8	36 300	66 500*	64,2	111,3	31 300	76 700	34,0
36,0	48,3	105,7	38 300	49 000*	55,0	108,4	33 600	62 700*	61,1	110,3	28 800	73 100	36,0
38,0	44,5	103,8	35 500	46 000*	51,5	106,9	31 100	59 000*	57,9	109,0	26 600	68 100	38,0
40,0	40,4	101,5	33 100	43 300*	47,9	105,1	28 900	55 500*	54,6	107,6	24 700	63 900	40,0
42,0	35,8	98,8	30 900	40 900*	44,0	103,1	26 900	52 100*	51,1	106,1	22 900	60 200	42,0
44,0	30,7	95,7	28 800	38 800*	39,9	100,8	25 100	49 000*	47,4	104,3	21 300	56 800	44,0
46,0	24,6	91,7	27 000	37 200*	35,3	98,1	23 400	46 300*	43,5	102,2	19 800	53 700	46,0
48,0	16,4	86,0	25 200	36 200*	30,1	94,8	21 900	43 800*	39,3	99,9	18 500	50 900	48,0
50,0					23,8	90,7	20 500	41 700*	34,7	97,1	17 300	48 300	50,0
52,0									29,4	93,8	16 100	46 000	52,0
54,0									22,9	89,5	15 000	43 800	54,0
56,0									13,7	83,0	13 900	41 700	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25,9												25,9
26,0												26,0
28,0												28,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0	61,3	108,9	16 300	55 100								42,0
44,0	58,1	107,7	15 000	51 900								44,0
46,0	54,8	106,3	13 900	49 100								46,0
48,0	51,4	104,7	12 900	46 500								48,0
50,0	47,7	103,0	11 900	44 200								50,0
52,0	43,8	100,9	11 000	42 000	54,8	104,3	5 800	38 100				52,0
54,0	39,7	98,6	10 100	40 000	51,4	102,8	5 200	36 200				54,0
56,0	35,0	95,9	9 400	38 200	47,7	101,0	4 600	34 600				56,0
58,0	29,8	92,6	8 600	36 400	43,8	99,0	4 100	33 000				58,0
60,0	23,5	88,4	7 900	34 800	39,7	96,7	3 600	31 500	51,0	100,1	28 200	60,0
62,0	14,6	82,2	7 200	33 300	35,1	93,9	3 100	30 100	47,4	98,3	27 000	62,0
64,0					29,8	90,6	2 600	28 800	43,5	96,3	25 800	64,0
66,0					23,5	86,5	2 200	27 600	39,2	93,9	24 700	66,0
68,0					14,6	80,3	1 700	26 400	34,6	91,2	23 700	68,0
70,0									29,3	87,8	22 700	70,0
72,0									22,8	83,5	21 700	72,0
74,0									13,5	77,0	20 800	74,0

Liftcrane Luffing Jib Capacities

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

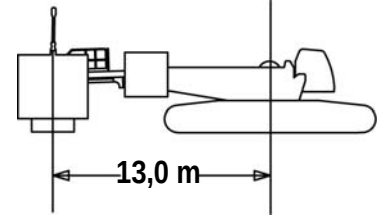
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



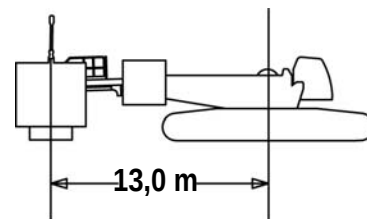
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	64,4	117,8	50 600	57 300*	69,3	119,1	44 400	68 200*					29,0
30,0	63,0	117,3	48 300	55 700*	68,0	118,7	42 300	67 300*					30,0
32,0	60,2	116,2	44 300	52 500*	65,3	117,8	38 700	64 900*					32,0
34,0	57,4	114,9	40 800	49 500*	62,7	116,8	35 500	62 000*					34,0
36,0	54,5	113,5	37 700	46 600*	59,9	115,6	32 800	59 000*	65,0	117,0	27 900	66 800*	36,0
38,0	51,5	111,9	35 000	43 800*	57,1	114,3	30 400	56 000*	62,3	116,0	25 800	66 800*	38,0
40,0	48,3	110,2	32 500	41 300*	54,2	112,9	28 200	52 900*	59,6	114,9	23 800	63 200	40,0
42,0	45,0	108,3	30 300	38 900*	51,1	111,3	26 200	50 000*	56,7	113,6	22 100	59 500	42,0
44,0	41,4	106,1	28 300	36 700*	47,9	109,6	24 400	47 200*	53,8	112,1	20 500	56 100	44,0
46,0	37,6	103,6	26 500	34 800*	44,6	107,6	22 800	44 500*	50,7	110,5	19 000	53 000	46,0
48,0	33,4	100,6	24 800	33 000*	41,0	105,4	21 300	42 000*	47,5	108,7	17 800	50 300	48,0
50,0	28,6	97,2	23 200	31 500*	37,1	102,8	19 900	39 700*	44,1	106,7	16 500	47 700	50,0
52,0	22,9	92,9	21 800	30 400*	32,9	99,9	18 600	37 600*	40,5	104,5	15 400	45 400	52,0
54,0	15,3	86,8	20 400	29 700*	28,0	96,3	17 400	35 900*	36,6	101,9	14 400	43 200	54,0
56,0					22,2	91,9	16 300	34 400*	32,3	98,8	13 400	41 200	56,0
58,0									27,3	95,2	12 500	39 300	58,0
60,0									21,3	90,6	11 600	37 600	60,0
62,0									12,7	83,7	10 700	35 900	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29,0												29,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0												44,0
46,0	59,8	113,5	12 900	48 300								46,0
48,0	56,9	112,2	11 900	45 700								48,0
50,0	54,0	110,8	10 900	43 400								50,0
52,0	51,0	109,2	10 000	41 300								52,0
54,0	47,8	107,4	9 200	39 300	57,0	110,2	4 200	35 400				54,0
56,0	44,4	105,4	8 500	37 400	54,0	108,8	3 600	33 700				56,0
58,0	40,8	103,2	7 800	35 800	51,0	107,2	3 100	32 200				58,0
60,0	36,9	100,6	7 100	34 200	47,8	105,5	2 600	30 700				60,0
62,0	32,6	97,7	6 500	32 700	44,4	103,5	2 100	29 400				62,0
64,0	27,8	94,1	5 800	31 300	40,8	101,2	1 700	28 100	50,7	104,6	24 900	64,0
66,0	21,9	89,6	5 300	29 900	36,9	98,7	1 300	26 900	47,5	102,8	23 900	66,0
68,0	13,6	82,9	4 700	28 700	32,7	95,7	900	25 800	44,1	100,8	22 900	68,0
70,0					27,8	92,1		24 700	40,5	98,5	21 900	70,0
72,0					21,9	87,6		23 700	36,6	95,9	21 000	72,0
74,0					13,6	81,0		22 700	32,2	92,9	20 100	74,0
76,0									27,3	89,2	19 300	76,0
78,0									21,2	84,6	18 500	78,0
80,0									12,5	77,6	17 700	80,0

Liftcrane Luffing Jib Capacities

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

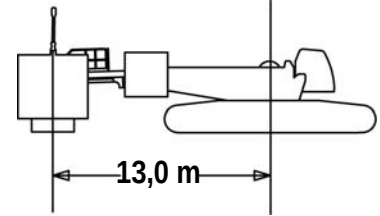
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



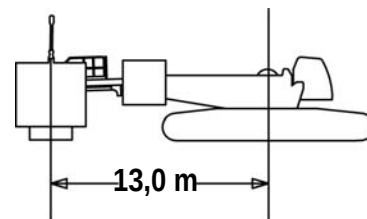
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	63,8	123,0	43 700	49 200*	68,2	124,3	38 100	58 900*					32,0
34,0	61,4	121,9	40 200	46 700*	65,9	123,5	34 900	57 200*					34,0
36,0	59,0	120,8	37 100	44 200*	63,6	122,5	32 200	54 900*					36,0
38,0	56,4	119,4	34 400	41 800*	61,2	121,4	29 700	52 600*	65,6	122,7	25 000	57 300*	38,0
40,0	53,8	118,0	32 000	39 500*	58,7	120,2	27 500	50 200*	63,3	121,7	23 100	57 300*	40,0
42,0	51,1	116,4	29 700	37 300*	56,1	118,9	25 600	47 700*	60,8	120,7	21 400	57 100*	42,0
44,0	48,3	114,7	27 800	35 300*	53,5	117,4	23 800	45 300*	58,4	119,4	19 800	55 500	44,0
46,0	45,3	112,7	26 000	33 300*	50,8	115,8	22 200	42 900*	55,8	118,1	18 400	52 500	46,0
48,0	42,2	110,6	24 300	31 600*	48,0	114,1	20 700	40 700*	53,2	116,6	17 100	49 700	48,0
50,0	38,9	108,2	22 800	30 000*	45,0	112,1	19 300	38 500*	50,4	115,0	15 900	47 200	50,0
52,0	35,3	105,5	21 400	28 500*	41,9	109,9	18 100	36 500*	47,6	113,2	14 800	44 800	52,0
54,0	31,4	102,3	20 100	27 300*	38,5	107,5	16 900	34 600*	44,6	111,2	13 700	42 700	54,0
56,0	26,9	98,6	18 800	26 200*	34,9	104,7	15 800	32 900*	41,5	109,0	12 800	40 700	56,0
58,0	21,6	94,0	17 700	25 400*	30,9	101,5	14 800	31 300*	38,1	106,6	11 900	38 900	58,0
60,0	14,3	87,5	16 600	24 900*	26,3	97,7	13 800	30 000*	34,4	103,7	11 100	37 200	60,0
62,0					20,9	93,0	12 900	28 900*	30,4	100,5	10 200	35 500	62,0
64,0					13,3	86,1	12 000	28 200*	25,7	96,6	9 500	34 000	64,0
66,0									20,1	91,7	8 800	32 600	66,0
68,0									11,9	84,3	8 100	31 200	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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												42,0
44,0												44,0
46,0												46,0
48,0	61,0	119,3	11 100	45 100								48,0
50,0	58,6	118,1	10 100	42 800								50,0
52,0	56,0	116,8	9 300	40 600								52,0
54,0	53,4	115,3	8 500	38 700								54,0
56,0	50,7	113,7	7 700	36 800								56,0
58,0	47,8	111,9	7 000	35 200	56,0	114,8	2 200	31 500				58,0
60,0	44,8	109,9	6 400	33 600	53,4	113,3	1 800	30 100				60,0
62,0	41,7	107,8	5 800	32 100	50,7	111,7	1 300	28 700				62,0
64,0	38,3	105,3	5 200	30 800	47,8	109,9	900	27 500				64,0
66,0	34,7	102,5	4 700	29 500	44,9	108,0		26 300				66,0
68,0	30,7	99,3	4 100	28 200	41,7	105,8		25 200	50,4	109,1	22 200	68,0
70,0	26,1	95,5	3 600	27 100	38,4	103,3		24 100	47,6	107,3	21 300	70,0
72,0	20,5	90,6	3 200	26 000	34,7	100,6		23 200	44,6	105,3	20 400	72,0
74,0	12,8	83,6	2 600	24 900	30,7	97,3		22 200	41,4	103,1	19 500	74,0
76,0					26,1	93,5		21 300	38,0	100,6	18 700	76,0
78,0					20,6	88,7		20 500	34,4	97,8	17 900	78,0
80,0					12,8	81,6		19 600	30,3	94,5	17 200	80,0
82,0									25,6	90,6	16 400*	82,0
84,0									20,0	85,7	15 700*	84,0
86,0									11,8	78,2	14 900*	86,0

Liftcrane Luffing Jib Capacities

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

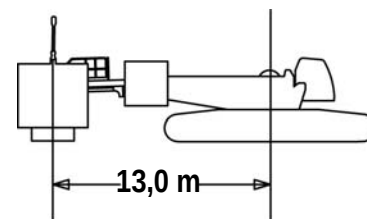
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



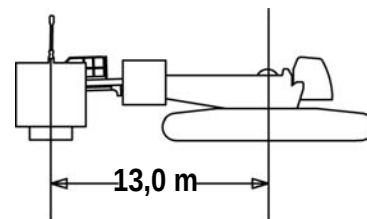
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	63,4	128,2	37 900	42 400*	67,4	129,6	32 600	51 000*					35,1
36,0	62,4	127,7	36 500	41 400*	66,4	129,1	31 400	50 300*					36,0
38,0	60,2	126,6	33 700	39 400*	64,3	128,2	28 900	48 600*					38,0
40,0	57,9	125,3	31 300	37 400*	62,1	127,2	26 700	46 800*	66,1	128,4	22 200	49 500*	40,0
42,0	55,6	124,0	29 100	35 500*	59,9	126,0	24 800	44 800*	64,0	127,5	20 500	49 500*	42,0
44,0	53,3	122,5	27 100	33 700*	57,7	124,8	23 000	42 900*	61,9	126,4	18 900	49 500*	44,0
46,0	50,8	120,9	25 300	31 900*	55,4	123,4	21 400	40 900*	59,7	125,2	17 500	49 300*	46,0
48,0	48,3	119,2	23 600	30 300*	53,0	121,9	19 900	39 000*	57,4	124,0	16 200	47 900*	48,0
50,0	45,6	117,2	22 100	28 800*	50,5	120,3	18 600	37 100*	55,1	122,6	15 000	46 000*	50,0
52,0	42,9	115,1	20 700	27 300*	48,0	118,5	17 300	35 200*	52,7	121,1	13 900	44 100	52,0
54,0	39,9	112,8	19 400	26 000*	45,3	116,6	16 200	33 500*	50,2	119,5	12 900	42 000	54,0
56,0	36,8	110,2	18 200	24 800*	42,5	114,5	15 100	31 800*	47,7	117,7	12 000	40 000	56,0
58,0	33,4	107,3	17 100	23 800*	39,6	112,1	14 100	30 300*	45,0	115,7	11 100	38 200	58,0
60,0	29,7	103,9	16 000	22 800*	36,4	109,5	13 200	28 900*	42,2	113,6	10 300	36 500	60,0
62,0	25,5	100,0	15 100	22 000*	33,0	106,5	12 300	27 500*	39,2	111,2	9 500	34 900	62,0
64,0	20,4	95,1	14 100	21 400*	29,2	103,1	11 500	26 400*	36,0	108,5	8 800	33 300*	64,0
66,0	13,6	88,2	13 200	21 100*	24,9	99,1	10 700	25 300*	32,6	105,5	8 100	31 700*	66,0
68,0					19,7	94,0	9 900	24 500*	28,7	102,0	7 400	30 300*	68,0
70,0					12,5	86,7	9 200	24 000*	24,3	97,9	6 800	29 100*	70,0
72,0									19,0	92,6	6 200	28 000*	72,0
74,0									11,3	84,8	5 600	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
35,1											35,1
36,0											36,0
38,0											38,0
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0	59,8	123,9	8 300	39 900							52,0
54,0	57,6	122,7	7 500	37 900							54,0
56,0	55,3	121,3	6 800	36 100							56,0
58,0	52,9	119,8	6 100	34 400							58,0
60,0	50,4	118,2	5 400	32 800							60,0
62,0	47,9	116,4	4 900	31 400	55,3	119,3	27 900				62,0
64,0	45,2	114,4	4 300	30 000	52,9	117,8	26 700				64,0
66,0	42,4	112,3	3 800	28 700	50,4	116,2	25 500				66,0
68,0	39,4	109,9	3 300	27 600	47,9	114,4	24 400				68,0
70,0	36,3	107,3	2 800	26 400	45,2	112,5	23 400				70,0
72,0	32,8	104,3	2 400	25 300	42,4	110,3	22 400	50,2	113,5	19 500*	72,0
74,0	29,0	100,9	1 900	24 300	39,4	108,0	21 500	47,6	111,7	18 600*	74,0
76,0	24,7	96,8	1 500	23 400	36,3	105,3	20 600	44,9	109,8	17 700*	76,0
78,0	19,4	91,7	1 100	22 400	32,8	102,3	19 800	42,1	107,6	16 900*	78,0
80,0	12,0	84,2		21 500	29,0	98,9	19 000	39,2	105,2	16 200*	80,0
82,0					24,7	94,8	18 200	36,0	102,6	15 400*	82,0
84,0					19,5	89,7	17 500	32,5	99,5	14 700*	84,0
86,0					12,1	82,2	16 800	28,7	96,0	14 000*	86,0
88,0								24,3	91,9	13 400*	88,0
90,0								18,9	86,6	12 700*	90,0
92,0								11,1	78,7	12 100*	92,0

Liftcrane Luffing Jib Capacities

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

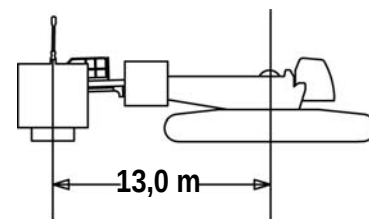
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



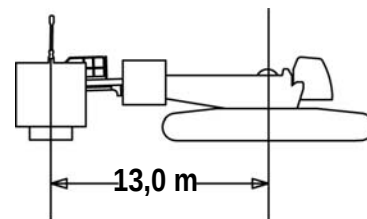
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	63,0	133,4	32 800	36 700*	66,7	134,8	28 000	44 100*					38,1
40,0	61,2	132,3	30 500	35 200*	64,9	133,9	25 900	43 000*					40,0
42,0	59,2	131,1	28 300	33 600*	62,9	132,9	23 900	41 600*	66,5	134,1	19 600	42 600*	42,0
44,0	57,1	129,9	26 300	32 000*	60,9	131,8	22 200	40 000*	64,6	133,2	18 000	42 600*	44,0
46,0	55,0	128,5	24 500	30 400*	58,9	130,6	20 600	38 500*	62,7	132,1	16 600	42 600*	46,0
48,0	52,8	127,0	22 900	29 000*	56,9	129,3	19 100	36 900*	60,7	131,0	15 300	42 600*	48,0
50,0	50,6	125,4	21 400	27 600*	54,7	127,9	17 700	35 300*	58,7	129,8	14 100	42 600*	50,0
52,0	48,3	123,6	20 000	26 300*	52,6	126,4	16 500	33 700*	56,6	128,5	13 100	41 400*	52,0
54,0	45,9	121,7	18 700	25 000*	50,3	124,8	15 400	32 200*	54,5	127,1	12 000	39 900*	54,0
56,0	43,4	119,7	17 500	23 800*	48,0	123,0	14 300	30 700*	52,3	125,6	11 100	38 400*	56,0
58,0	40,8	117,4	16 400	22 800*	45,6	121,1	13 300	29 300*	50,0	123,9	10 300	36 900*	58,0
60,0	38,0	114,9	15 400	21 800*	43,1	119,0	12 400	28 000*	47,7	122,2	9 400	35 400*	60,0
62,0	35,0	112,1	14 400	20 900*	40,4	116,7	11 500	26 700*	45,3	120,2	8 700	33 900*	62,0
64,0	31,8	109,0	13 500	20 100*	37,6	114,2	10 700	25 500*	42,8	118,1	7 900	32 400*	64,0
66,0	28,3	105,4	12 600	19 400*	34,7	111,4	9 900	24 400*	40,1	115,8	7 300	31 000*	66,0
68,0	24,2	101,2	11 800	18 800*	31,4	108,2	9 200	23 400*	37,3	113,2	6 600	29 600*	68,0
70,0	19,4	96,1	11 000	18 300*	27,8	104,6	8 500	22 500*	34,3	110,4	6 100	28 400*	70,0
72,0	12,9	88,8	10 200	18 200*	23,7	100,3	7 900	21 700*	31,0	107,2	5 500	27 200*	72,0
74,0					18,8	95,0	7 200	21 100*	27,3	103,5	4 900	26 100*	74,0
76,0					11,9	87,3	6 600	20 800*	23,2	99,1	4 400	25 100*	76,0
78,0									18,1	93,6	3 900	24 300*	78,0
80,0									10,7	85,4	3 400	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
38,1											38,1
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0	60,8	129,7	6 500	37 100							54,0
56,0	58,8	128,5	5 800	35 300							56,0
58,0	56,8	127,2	5 100	33 600							58,0
60,0	54,6	125,8	4 500	32 100							60,0
62,0	52,5	124,3	3 900	30 600							62,0
64,0	50,2	122,6	3 400	29 300	56,8	125,2	25 900				64,0
66,0	47,9	120,9	2 900	28 000	54,6	123,8	24 700				66,0
68,0	45,5	118,9	2 400	26 800	52,5	122,3	23 600				68,0
70,0	43,0	116,8	1 900	25 700	50,2	120,7	22 600				70,0
72,0	40,3	114,5	1 500	24 600	47,9	118,9	21 600				72,0
74,0	37,5	112,0	1 100	23 600	45,5	117,0	20 700				74,0
76,0	34,5	109,2	700	22 700	43,0	114,8	19 900	50,0	118,0	16 600*	76,0
78,0	31,2	106,0		21 800	40,3	112,6	19 000	47,7	116,2	15 900*	78,0
80,0	27,6	102,3		20 900	37,5	110,0	18 300	45,2	114,3	15 100*	80,0
82,0	23,5	98,0		20 100	34,5	107,2	17 500	42,7	112,2	14 400*	82,0
84,0	18,5	92,6		19 300	31,2	104,0	16 800	40,1	109,8	13 700*	84,0
86,0	11,5	84,8		18 500	27,6	100,4	16 100	37,2	107,3	13 000*	86,0
88,0					23,5	96,1	15 500	34,2	104,4	12 400*	88,0
90,0					18,5	90,7	14 800*	30,9	101,2	11 800*	90,0
92,0					11,5	82,8	14 000*	27,3	97,5	11 200*	92,0
94,0								23,1	93,1	10 600*	94,0
96,0								18,0	87,6	10 100*	96,0

Liftcrane Luffing Jib Capacities

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

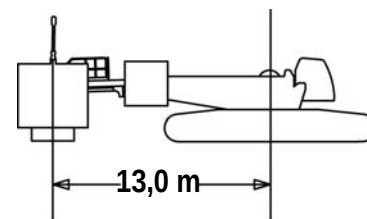
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



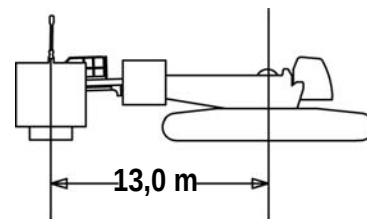
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	62,8	138,5	28 500	31 900*	66,1	140,0	23 900	38 100*					41,1
42,0	62,0	138,1	27 600	31 300*	65,4	139,6	23 200	37 800*					42,0
44,0	60,2	136,9	25 600	30 000*	63,6	138,6	21 400	36 900*					44,0
46,0	58,3	135,7	23 800	28 700*	61,8	137,6	19 800	35 700*	65,1	138,9	15 700	36 800*	46,0
48,0	56,4	134,4	22 200	27 500*	59,9	136,4	18 300	34 400*	63,4	137,9	14 400	36 800*	48,0
50,0	54,4	133,0	20 700	26 200*	58,1	135,2	17 000	33 200*	61,5	136,8	13 300	36 800*	50,0
52,0	52,4	131,5	19 300	25 100*	56,2	133,9	15 700	31 900*	59,7	135,6	12 200	36 800*	52,0
54,0	50,4	129,9	18 000	23 900*	54,2	132,4	14 600	30 600*	57,8	134,4	11 200	36 700*	54,0
56,0	48,3	128,1	16 800	22 800*	52,2	130,9	13 500	29 400*	55,9	133,1	10 300	36 000*	56,0
58,0	46,1	126,2	15 700	21 800*	50,2	129,2	12 600	28 100*	54,0	131,6	9 400	34 700*	58,0
60,0	43,8	124,2	14 700	20 900*	48,0	127,5	11 600	26 900*	52,0	130,1	8 600	33 500*	60,0
62,0	41,4	121,9	13 700	20 000*	45,8	125,6	10 800	25 800*	49,9	128,4	7 900	32 300*	62,0
64,0	38,9	119,5	12 800	19 200*	43,5	123,5	10 000	24 700*	47,7	126,6	7 200	31 100*	64,0
66,0	36,3	116,8	12 000	18 400*	41,1	121,2	9 300	23 600*	45,5	124,7	6 500	29 900*	66,0
68,0	33,4	113,9	11 200	17 700*	38,6	118,8	8 500	22 600*	43,2	122,6	5 900	28 700*	68,0
70,0	30,4	110,6	10 400	17 100*	36,0	116,1	7 900	21 700*	40,8	120,3	5 300	27 500*	70,0
72,0	27,0	106,9	9 700	16 500*	33,1	113,1	7 200	20 800*	38,3	117,9	4 700	26 400*	72,0
74,0	23,1	102,5	9 000	16 100*	30,0	109,8	6 600	20 100*	35,6	115,2	4 200	25 300*	74,0
76,0	18,5	97,0	8 300	15 800*	26,6	106,0	6 000	19 400*	32,7	112,1	3 700	24 400*	76,0
78,0	12,3	89,5	7 700	15 700*	22,7	101,5	5 500	18 800*	29,6	108,7	3 200	23 400*	78,0
80,0					17,9	95,9	4 900	18 300*	26,1	104,9	2 800	22 600*	80,0
82,0					11,4	87,9	4 400	18 100*	22,1	100,2	2 300	21 800*	82,0
84,0									17,2	94,5	1 900	21 200*	84,0
86,0									10,2	85,9	1 400	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
41,1											41,1
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0	61,7	135,4	4 900	33 700*							56,0
58,0	59,9	134,3	4 200	32 900							58,0
60,0	58,0	133,1	3 600	31 300							60,0
62,0	56,1	131,7	3 000	29 900							62,0
64,0	54,1	130,3	2 500	28 500							64,0
66,0	52,1	128,8	2 000	27 300							66,0
68,0	50,0	127,1	1 500	26 100	56,1	129,7	22 800				68,0
70,0	47,9	125,3	1 100	25 000	54,1	128,3	21 800				70,0
72,0	45,7	123,4		23 900	52,1	126,8	20 900				72,0
74,0	43,4	121,3		22 900	50,0	125,1	19 900				74,0
76,0	41,0	119,1		22 000	47,9	123,4	19 100				76,0
78,0	38,5	116,6		21 100	45,7	121,4	18 300	51,9	124,1	14 700*	78,0
80,0	35,8	113,9		20 300	43,4	119,4	17 500	49,9	122,5	14 000*	80,0
82,0	33,0	110,9		19 500	41,0	117,1	16 700*	47,7	120,7	13 300*	82,0
84,0	29,8	107,6		18 700	38,5	114,7	15 900*	45,5	118,8	12 600*	84,0
86,0	26,4	103,7		17 900	35,8	111,9	15 200*	43,2	116,7	12 000*	86,0
88,0	22,5	99,2		17 300	33,0	109,0	14 500*	40,8	114,4	11 400*	88,0
90,0	17,7	93,5		16 600	29,9	105,6	13 800*	38,3	111,9	10 800*	90,0
92,0	10,9	85,3		15 900	26,4	101,8	13 200*	35,6	109,2	10 200*	92,0
94,0					22,5	97,2	12 600*	32,7	106,2	9 700*	94,0
96,0					17,7	91,6	12 000*	29,5	102,8	9 100*	96,0
98,0					11,0	83,4	11 300*	26,1	98,9	8 600*	98,0
100,0								22,1	94,3	8 100*	100,0
102,0								17,2	88,4	7 600*	102,0

Liftcrane Luffing Jib Capacities

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

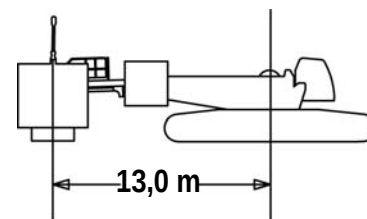
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



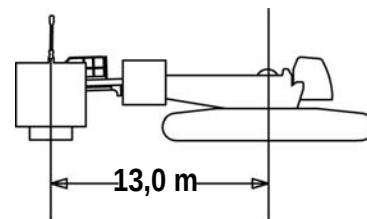
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	62,5	143,7	24 800	27 800*	65,6	145,2	20 500	32 900*	67,2	145,4	15 000	31 700*	44,2
46,0	61,0	142,7	23 200	26 800*	64,1	144,3	19 100	32 700*	65,6	144,6	13 700	31 700*	46,0
48,0	59,3	141,6	21 600	25 700*	62,5	143,3	17 600	31 700*	63,9	143,6	12 500	31 700*	48,0
50,0	57,6	140,3	20 100	24 700*	60,8	142,2	16 300	30 700*	62,3	142,6	11 400	31 700*	50,0
52,0	55,8	138,9	18 600	23 700*	59,1	141,0	15 000	29 700*	60,6	141,4	10 400	31 700*	52,0
54,0	54,0	137,5	17 400	22 700*	57,4	139,7	13 900	28 600*	58,9	140,2	9 500	31 700*	54,0
56,0	52,1	136,0	16 200	21 700*	55,6	138,4	12 800	27 600*	57,1	139,0	8 700	31 700*	56,0
58,0	50,2	134,3	15 100	20 800*	53,8	136,9	11 900	26 600*	55,4	137,6	7 900	31 300*	58,0
60,0	48,3	132,6	14 100	19 900*	51,9	135,4	11 000	25 600*	53,5	136,1	7 100	30 300*	60,0
62,0	46,2	130,7	13 100	19 100*	50,0	133,7	10 100	24 600*	51,7	134,6	6 400	29 300*	62,0
64,0	44,2	128,7	12 200	18 300*	48,0	131,9	9 300	23 600*	49,8	132,9	5 800	28 300*	64,0
66,0	42,0	126,5	11 400	17 600*	46,0	130,1	8 600	22 600*	47,8	131,1	5 200	27 300*	66,0
68,0	39,7	124,1	10 600	16 900*	43,9	128,0	7 900	21 800*	45,7	129,2	4 600	26 400*	68,0
70,0	37,3	121,6	9 800	16 300*	41,7	125,8	7 200	20 900*	43,6	127,1	4 100	25 400*	70,0
72,0	34,8	118,7	9 100	15 700*	39,4	123,4	6 600	20 100*	41,4	124,9	3 500	24 400*	72,0
74,0	32,1	115,6	8 400	15 100*	37,0	120,8	6 000	19 300*	39,1	122,5	3 000	23 500*	74,0
76,0	29,1	112,2	7 800	14 700*	34,5	118,0	5 400	18 600*	36,7	119,9	2 600	22 600*	76,0
78,0	25,9	108,2	7 200	14 300*	31,8	114,9	4 900	17 900*	34,1	117,0	2 100	21 800*	78,0
80,0	22,2	103,6	6 600	13 900*	28,8	111,3	4 300	17 300*	31,4	113,8	1 700	21 000*	80,0
82,0	17,8	98,0	6 000	13 700*	25,5	107,3	3 900	16 800*	28,4	110,3	1 300	20 300*	82,0
84,0	11,8	90,1	5 400	13 600*	21,7	102,7	3 400	16 300*	25,1	106,2	900	19 600*	84,0
86,0					17,2	96,8	2 900	16 000*	21,2	101,4		19 100*	86,0
88,0					10,9	88,5	2 400	15 500*	16,5	95,3		18 500	88,0
90,0									9,8	86,4		16 100*	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
44,2											44,2
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0	62,4	141,2	3 400	29 000*							58,0
60,0	60,7	140,1	2 800	29 000*							60,0
62,0	59,0	138,9	2 200	28 900							62,0
64,0	57,3	137,6	1 700	27 900							64,0
66,0	55,5	136,2	1 200	26 700							66,0
68,0	53,7	134,8		25 500							68,0
70,0	51,8	133,2		24 400							70,0
72,0	49,9	131,6		23 300	55,5	134,3	20 200				72,0
74,0	47,9	129,8		22 300	53,7	132,8	19 300				74,0
76,0	45,9	127,9		21 400	51,8	131,3	18 400*				76,0
78,0	43,8	125,8		20 500	49,9	129,6	17 500*				78,0
80,0	41,6	123,6		19 700	47,9	127,8	16 600*				80,0
82,0	39,3	121,2		18 900	45,9	125,9	15 800*	51,6	128,6	12 400*	82,0
84,0	36,9	118,6		18 100	43,8	123,9	15 100*	49,7	127,0	11 700*	84,0
86,0	34,4	115,8		17 400	41,6	121,7	14 400*	47,8	125,2	11 100*	86,0
88,0	31,6	112,6		16 700	39,3	119,3	13 700*	45,7	123,2	10 400*	88,0
90,0	28,6	109,1		16 000	36,9	116,7	13 000*	43,6	121,2	9 900*	90,0
92,0	25,3	105,1		15 400	34,4	113,8	12 400*	41,4	118,9	9 300*	92,0
94,0	21,5	100,3		14 800	31,6	110,7	11 800*	39,1	116,5	8 800*	94,0
96,0	17,0	94,4		14 200	28,6	107,1	11 200*	36,7	113,9	8 300*	96,0
98,0	10,5	85,8		13 500*	25,3	103,1	10 700*	34,1	111,0	7 800*	98,0
100,0					21,6	98,4	10 100*	31,3	107,9	7 300*	100,0
102,0					17,0	92,4	9 500*	28,3	104,3	6 800*	102,0
104,0					10,5	83,9	9 000*	25,0	100,2	6 400*	104,0
106,0								21,2	95,4	5 900*	106,0
108,0								16,5	89,3	5 500*	108,0

Liftcrane Luffing Jib Capacities

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

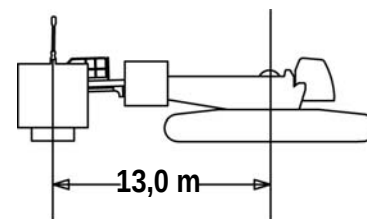
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



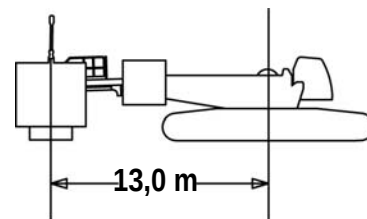
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	62,3	148,9	21 400	24 200*	65,2	150,4	17 300	27 900*	68,0	151,4	13 200	27 000*	47,2
48,0	61,7	148,5	20 800	23 900*	64,6	150,0	16 800	27 900*	67,4	151,1	12 700	27 000*	48,0
50,0	60,1	147,3	19 300	23 000*	63,1	149,0	15 400	27 800*	65,9	150,2	11 600	27 000*	50,0
52,0	58,5	146,1	17 900	22 100*	61,5	147,9	14 200	27 200*	64,4	149,3	10 500	27 000*	52,0
54,0	56,9	144,8	16 600	21 300*	60,0	146,8	13 100	26 400*	62,9	148,3	9 500	27 000*	54,0
56,0	55,3	143,5	15 400	20 500*	58,4	145,6	12 000	25 600*	61,3	147,2	8 600	27 000*	56,0
58,0	53,6	142,0	14 300	19 700*	56,7	144,3	11 000	24 800*	59,8	146,0	7 800	26 900*	58,0
60,0	51,8	140,5	13 300	18 900*	55,1	142,9	10 100	24 000*	58,2	144,8	7 000	26 800*	60,0
62,0	50,1	138,8	12 400	18 200*	53,4	141,4	9 300	23 100*	56,5	143,5	6 200	26 800*	62,0
64,0	48,3	137,0	11 500	17 500*	51,6	139,9	8 500	22 400*	54,9	142,1	5 500	26 700*	64,0
66,0	46,4	135,2	10 600	16 800*	49,9	138,2	7 800	21 500*	53,2	140,6	4 900	26 400*	66,0
68,0	44,5	133,1	9 800	16 100*	48,0	136,4	7 100	20 800*	51,4	139,1	4 300	25 600*	68,0
70,0	42,5	131,0	9 100	15 500*	46,2	134,5	6 400	20 000*	49,6	137,4	3 700	24 800*	70,0
72,0	40,4	128,7	8 400	15 000*	44,2	132,5	5 800	19 300*	47,8	135,6	3 200	24 100*	72,0
74,0	38,2	126,2	7 700	14 400*	42,2	130,3	5 200	18 600*	45,9	133,7	2 700	23 300*	74,0
76,0	35,9	123,5	7 100	13 900*	40,1	128,0	4 600	17 900*	44,0	131,6	2 200	22 500*	76,0
78,0	33,5	120,6	6 500	13 500*	37,9	125,5	4 100	17 200*	42,0	129,4	1 700	21 800*	78,0
80,0	30,9	117,3	5 900	13 100*	35,6	122,8	3 600	16 600*	39,8	127,1	1 300	21 000*	80,0
82,0	28,0	113,7	5 400	12 700*	33,2	119,8	3 100	16 000*	37,6	124,6	900	20 300*	82,0
84,0	24,9	109,6	4 800	12 400*	30,5	116,5	2 600	15 600*	35,3	121,8		19 600*	84,0
86,0	21,4	104,8	4 300	12 100*	27,7	112,8	2 200	15 100*	32,8	118,8		19 000*	86,0
88,0	17,1	98,8	3 800	12 000*	24,5	108,6	1 800	14 700*	30,2	115,4		18 300*	88,0
90,0	11,3	90,6	3 300	11 900*	20,9	103,7	1 300	14 300*	27,3	111,7		17 800*	90,0
92,0					16,6	97,7	900	14 100*	24,1	107,5		17 200*	92,0
94,0					10,5	89,0		12 900*	20,4	102,4		16 400*	94,0
96,0									15,9	96,1		15 500*	96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 13,0 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	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
47,2											47,2
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0											58,0
60,0											60,0
62,0	61,4	145,8	1 200	24 600*							62,0
64,0	59,9	144,7	700	24 600*							64,0
66,0	58,3	143,5		24 600*							66,0
68,0	56,6	142,2		24 500							68,0
70,0	55,0	140,8		23 600							70,0
72,0	53,3	139,3		22 500							72,0
74,0	51,6	137,7		21 600	56,7	140,2	18 100*				74,0
76,0	49,8	136,1		20 600	55,0	138,8	17 200*				76,0
78,0	48,0	134,3		19 800	53,3	137,3	16 400*				78,0
80,0	46,1	132,4		19 000	51,6	135,7	15 600*				80,0
82,0	44,1	130,4		18 200	49,8	134,1	14 800*				82,0
84,0	42,1	128,2		17 400	48,0	132,3	14 000*				84,0
86,0	40,0	125,8		16 700	46,1	130,4	13 300*	51,4	133,1	9 900*	86,0
88,0	37,8	123,3		16 000	44,1	128,4	12 600*	49,6	131,4	9 300*	88,0
90,0	35,5	120,6		15 300*	42,1	126,2	12 000*	47,8	129,6	8 800*	90,0
92,0	33,0	117,6		14 600*	40,0	123,9	11 400*	45,9	127,7	8 200*	92,0
94,0	30,4	114,3		13 900*	37,8	121,3	10 800*	43,9	125,7	7 700*	94,0
96,0	27,5	110,6		13 300*	35,5	118,6	10 200*	41,9	123,5	7 200*	96,0
98,0	24,4	106,4		12 700*	33,1	115,6	9 700*	39,8	121,1	6 700*	98,0
100,0	20,7	101,4		12 000*	30,4	112,3	9 100*	37,6	118,6	6 200*	100,0
102,0	16,3	95,2		11 500*	27,6	108,6	8 600*	35,3	115,8	5 800*	102,0
104,0	10,1	86,3		10 800*	24,4	104,4	8 100*	32,8	112,8	5 400*	104,0
106,0					20,7	99,4	7 600*	30,2	109,5	4 900*	106,0
108,0					16,3	93,3	7 100*	27,3	105,7	4 500*	108,0
110,0								24,1	101,5	4 100*	110,0
112,0								20,4	96,4	3 700*	112,0
114,0								15,8	90,1	3 300*	114,0

Liftcrane Luffing Jib Capacities

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

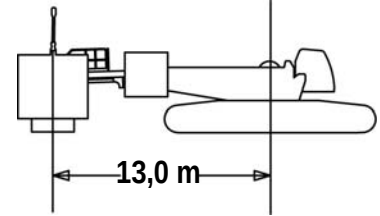
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



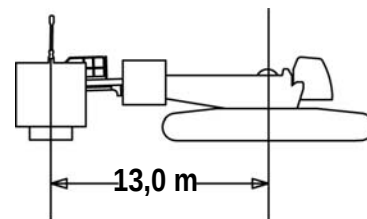
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	57,9	100,8	76 600	88 500 *b	69,0	102,6	67 800	102 100 *c					21,3
22,0	55,9	100,3	73 800	86 500 *b	67,2	102,3	65 300	101 500 *c					22,0
24,0	49,8	98,7	66 000	80 700 *	61,9	101,2	58 400	98 700 *b					24,0
26,0	43,0	96,7	59 600	75 300 *	56,2	99,9	52 600	93 000 *b	67,4	101,6	45 700	101 500 *c	26,0
28,0	35,1	94,0	54 100	70 800 *	50,1	98,3	47 800	87 200 *b	62,0	100,6	41 400	99 200 b	28,0
30,0	24,9	90,3	49 400	67 400 *	43,3	96,3	43 700	81 700 *	56,4	99,3	37 800	91 900 b	30,0
32,0					35,4	93,7	40 100	76 800 *	50,2	97,7	34 600	84 700 b	32,0
34,0					25,4	90,0	36 800	71 400 *	43,5	95,7	31 800	78 700	34,0
36,0									35,7	93,1	29 300	73 300	36,0
38,0									25,8	89,5	27 000	68 500	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
 62 530 kg Hanging Counterweight
 at 13,0 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	
21,3													21,3
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	58,3	98,2	21 400	67 200b									36,0
38,0	52,3	96,7	19 700	62 900b									38,0
40,0	45,8	94,9	18 200	59 000									40,0
42,0	38,4	92,5	16 700	55 500									42,0
44,0	29,4	89,3	15 400	52 400	53,9	95,0	9 200	47 600b					44,0
46,0					47,5	93,3	8 400	45 000					46,0
48,0					40,4	91,1	7 600	42 700					48,0
50,0					31,9	88,1	6 800	40 400					50,0
52,0									48,5	90,8	1 100	34 600b	52,0
54,0									41,5	88,7		32 900	54,0
56,0									33,3	85,9		31 400	56,0
58,0									22,4	81,8		29 900	58,0

Liftcrane Luffing Jib Capacities

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

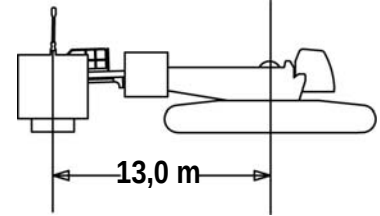
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



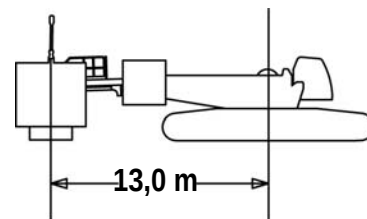
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	58,2	106,0	64 500	73 700* ^b	67,1	107,8	56 700	87 800* ^b					24,4
26,0	54,4	104,8	59 500	69 800*	63,7	107,0	52 200	85 700* ^b					26,0
28,0	49,5	103,2	54 100	65 200*	59,3	105,8	47 500	81 000* ^b					28,0
30,0	44,1	101,2	49 500	61 100*	54,6	104,4	43 400	76 300*	63,8	106,3	37 200	87 200* ^b	30,0
32,0	38,1	98,8	45 400	57 400*	49,7	102,8	39 800	71 700*	59,4	105,2	34 100	84 100* ^b	32,0
34,0	31,1	95,7	41 900	54 400*	44,3	100,8	36 700	67 300*	54,8	103,8	31 400	78 300	34,0
36,0	22,1	91,4	38 600	52 200*	38,4	98,4	33 900	63 300*	49,8	102,2	29 000	73 000	36,0
38,0					31,4	95,4	31 400	59 800*	44,5	100,2	26 800	68 300	38,0
40,0					22,5	91,2	29 100	57 100*	38,6	97,9	24 800	64 100	40,0
42,0									31,6	94,8	23 100	60 300	42,0
44,0									22,8	90,7	21 400	56 900	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
 62 530 kg Hanging Counterweight
 at 13,0 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	Luffing Jib Capacity Kilograms	
24,4 26,0 28,0 30,0 32,0												24,4 26,0 28,0 30,0 32,0
34,0 36,0 38,0 40,0 42,0												34,0 36,0 38,0 40,0 42,0
44,0 46,0 48,0 50,0 52,0	56,3 51,5	102,7 101,2	17 500 16 200	58 500 55 000								44,0 46,0 48,0 50,0 52,0
54,0 56,0 58,0 60,0 62,0 64,0					35,8 28,3	99,5 89,6	6 900 6 200 5 600 4 400	42 100 39 900 38 000 36 200 34 400				54,0 56,0 58,0 60,0 62,0 64,0

Liftcrane Luffing Jib Capacities

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

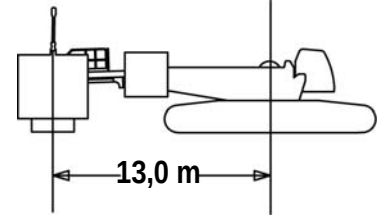
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	58,4	111,1	55 000	61 900*	65,9	113,0	48 000	75 700*b					27,4
28,0	57,3	110,8	53 600	60 800*	64,9	112,7	46 800	74 600*b					28,0
30,0	53,4	109,3	49 000	57 000*	61,2	111,6	42 600	70 900*					30,0
32,0	49,3	107,6	45 000	53 500*	57,5	110,4	39 100	67 100*	65,0	112,1	33 200	76 000*b	32,0
34,0	44,8	105,7	41 500	50 200*	53,6	108,9	36 000	63 300*	61,3	111,0	30 500	75 300*	34,0
36,0	40,0	103,4	38 400	47 300*	49,4	107,3	33 300	59 600*	57,6	109,8	28 100	72 400	36,0
38,0	34,6	100,7	35 600	44 800*	45,0	105,3	30 800	56 100*	53,7	108,3	26 000	67 600	38,0
40,0	28,2	97,2	33 100	42 700*	40,2	103,1	28 600	52 900*	49,6	106,7	24 100	63 500	40,0
42,0	20,0	92,5	30 800	41 300*	34,8	100,3	26 700	50 000*	45,1	104,7	22 400	59 700	42,0
44,0					28,5	96,9	24 800	47 600*	40,3	102,5	20 800	56 400	44,0
46,0					20,4	92,3	23 100	45 700*	35,0	99,8	19 400	53 300	46,0
48,0									28,7	96,4	18 000	50 500	48,0
50,0									20,7	91,8	16 700	47 900	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

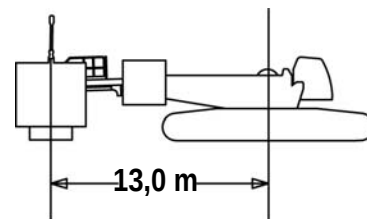
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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	Luffing Jib Capacity Kilograms	
27,4												27,4
28,0												28,0
30,0												30,0
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0	58,9	108,6	15 200	54 300								42,0
44,0	55,0	107,3	14 000	51 200								44,0
46,0	51,0	105,7	12 900	48 400								46,0
48,0	46,6	103,9	11 900	45 900								48,0
50,0	42,0	101,7	11 000	43 500								50,0
52,0	36,8	99,2	10 100	41 400	52,0	104,0	4 600	37 200				52,0
54,0	30,9	96,0	9 300	39 400	47,8	102,2	4 000	35 400				54,0
56,0	23,7	91,9	8 500	37 500	43,2	100,2	3 500	33 700				56,0
58,0					38,2	97,7	3 000	32 200	52,6	101,5	28 500	58,0
60,0					32,5	94,8	2 500	30 700	48,4	99,8	27 200	60,0
62,0					25,7	91,0	2 000	29 400	43,9	97,8	26 000	62,0
64,0					16,2	85,4	1 500	28 000	39,0	95,4	24 900	64,0
66,0									33,4	92,6	23 800	66,0
68,0									26,8	88,9	22 800	68,0
70,0									17,9	83,7	21 800	70,0

Liftcrane Luffing Jib Capacities

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

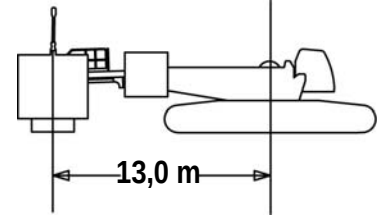
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	56,1	115,3	44 500	50 300*	62,6	117,4	38 500	62 500*					32,0
34,0	52,7	113,8	41 100	47 400*	59,5	116,2	35 500	59 400*	65,8	117,8	29 800	66 300*	34,0
36,0	49,1	112,1	38 000	44 600*	56,2	114,9	32 700	56 400*	62,7	116,7	27 400	66 100*	36,0
38,0	45,3	110,2	35 300	42 000*	52,8	113,4	30 300	53 300*	59,6	115,6	25 400	64 600*	38,0
40,0	41,3	108,0	32 800	39 700*	49,3	111,7	28 100	50 300*	56,3	114,3	23 500	61 700*	40,0
42,0	36,8	105,4	30 600	37 700*	45,5	109,8	26 200	47 600*	52,9	112,8	21 700	58 800*	42,0
44,0	31,8	102,4	28 600	35 900*	41,4	107,6	24 400	45 000*	49,4	111,1	20 200	55 900	44,0
46,0	26,0	98,6	26 700	34 400*	37,0	105,1	22 800	42 500*	45,6	109,2	18 800	52 800	46,0
48,0	18,4	93,4	25 000	33 500*	32,1	102,1	21 300	40 500*	41,6	107,1	17 500	50 100	48,0
50,0					26,3	98,3	19 900	38 700*	37,1	104,5	16 300	47 600	50,0
52,0					18,8	93,2	18 600	37 300*	32,2	101,5	15 200	45 200	52,0
54,0									26,5	97,8	14 200	43 100	54,0
56,0									19,1	92,8	13 200	41 100	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

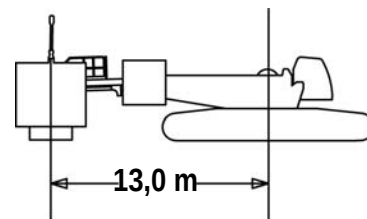
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 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.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	
32,0												32,0
34,0												34,0
36,0												36,0
38,0												38,0
40,0												40,0
42,0												42,0
44,0	60,6	114,4	13 200	50 500								44,0
46,0	57,4	113,2	12 100	47 700								46,0
48,0	54,1	111,8	11 200	45 300								48,0
50,0	50,6	110,2	10 300	43 000								50,0
52,0	46,9	108,3	9 400	40 900								52,0
54,0	42,9	106,2	8 700	38 900	54,9	110,0	3 200	34 700				54,0
56,0	38,7	103,8	7 900	37 100	51,5	108,4	2 700	33 100				56,0
58,0	33,9	101,0	7 300	35 400	47,8	106,7	2 200	31 500				58,0
60,0	28,5	97,6	6 600	33 800	44,0	104,7	1 800	30 100				60,0
62,0	21,8	93,1	6 000	32 300	39,8	102,3	1 400	28 800				62,0
64,0	11,7	86,0	5 300	30 900	35,2	99,6	900	27 600	48,4	104,3	24 200	64,0
66,0					30,0	96,4		26 400	44,5	102,3	23 200	66,0
68,0					23,7	92,2		25 300	40,4	100,0	22 200	68,0
70,0					14,9	86,2		24 200	35,9	97,4	21 300	70,0
72,0									30,8	94,2	20 400	72,0
74,0									24,7	90,2	19 500	74,0
76,0									16,5	84,6	18 700	76,0

Liftcrane Luffing Jib Capacities

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

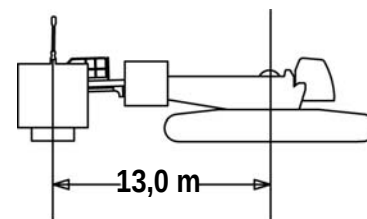
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



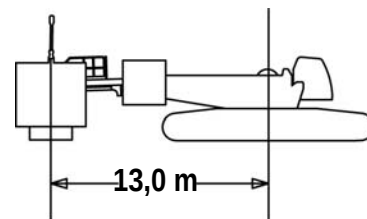
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	56,5	120,5	38 800	43 400*	62,2	122,5	33 200	53 900*	67,6	123,9	27 600	57 600*	35,1
36,0	55,1	119,8	37 400	42 200*	60,9	122,0	31 900	52 700*	66,4	123,4	26 500	57 600*	36,0
38,0	52,1	118,3	34 600	39 900*	58,1	120,8	29 500	50 200*	63,7	122,5	24 400	57 600*	38,0
40,0	49,0	116,6	32 200	37 700*	55,2	119,4	27 400	47 800*	61,0	121,4	22 600	57 300*	40,0
42,0	45,7	114,7	30 000	35 600*	52,3	117,9	25 500	45 300*	58,2	120,2	20 800	55 200*	42,0
44,0	42,2	112,5	28 000	33 800*	49,1	116,2	23 700	43 000*	55,3	118,8	19 300	52 800*	44,0
46,0	38,4	110,1	26 200	32 100*	45,8	114,3	22 100	40 700*	52,3	117,3	18 000	50 500*	46,0
48,0	34,3	107,3	24 600	30 600*	42,3	112,2	20 600	38 600*	49,2	115,6	16 700	48 100*	48,0
50,0	29,7	104,0	23 000	29 200*	38,6	109,8	19 300	36 600*	45,9	113,7	15 500	45 800*	50,0
52,0	24,2	99,9	21 500	28 200*	34,5	107,0	18 000	34 900*	42,4	111,6	14 500	43 500*	52,0
54,0	17,2	94,3	20 200	27 600*	29,9	103,7	16 900	33 300*	38,7	109,2	13 500	41 400*	54,0
56,0					24,5	99,6	15 800	32 000*	34,6	106,4	12 500	39 400*	56,0
58,0					17,5	94,1	14 700	31 000*	30,0	103,1	11 600	37 600*	58,0
60,0									24,7	99,1	10 800	36 000*	60,0
62,0									17,8	93,7	9 900	34 700*	62,0
64,0									3,6	82,0	9 100	33 700	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
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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	61,9	120,2	11 100	46 900									46,0
48,0	59,2	119,0	10 200	44 400									48,0
50,0	56,3	117,7	9 300	42 100									50,0
52,0	53,3	116,3	8 500	40 000									52,0
54,0	50,3	114,6	7 700	38 100									54,0
56,0	47,0	112,8	7 000	36 300									56,0
58,0	43,6	110,8	6 400	34 700	54,1	114,5	1 200	30 700					58,0
60,0	40,0	108,5	5 800	33 100	51,1	112,9		29 300					60,0
62,0	36,0	105,8	5 200	31 700	47,9	111,2		28 000					62,0
64,0	31,6	102,7	4 600	30 300	44,5	109,2		26 800					64,0
66,0	26,6	99,0	4 100	29 000	40,9	106,9		25 600	51,5	110,5	22 300		66,0
68,0	20,3	94,1	3 600	27 800	37,0	104,4		24 600	48,3	108,7	21 300		68,0
70,0	10,9	86,5	3 000	26 600	32,8	101,4		23 500	45,0	106,8	20 400		70,0
72,0					27,9	97,9		22 600	41,5	104,6	19 600		72,0
74,0					22,1	93,4		21 700	37,6	102,1	18 700*		74,0
76,0					13,9	86,8		20 700	33,4	99,2	17 900*		76,0
78,0									28,7	95,7	17 100*		78,0
80,0									23,0	91,4	16 300*		80,0
82,0									15,4	85,4	15 500*		82,0

Liftcrane Luffing Jib Capacities

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

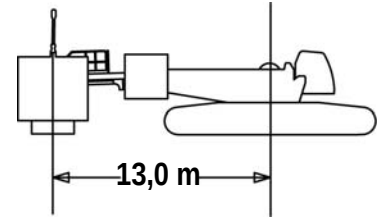
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



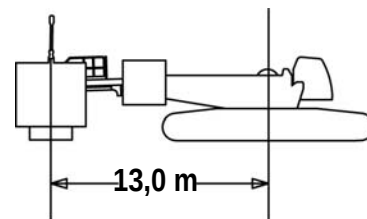
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	54,9	124,6	32 100	36 100*	60,1	126,8	27 100	45 400*	64,9	128,4	22 100	50 300*	39,6
40,0	54,4	124,3	31 700	35 800*	59,6	126,6	26 800	45 000*	64,5	128,2	21 800	50 300*	40,0
42,0	51,7	122,8	29 500	33 900*	57,1	125,3	24 800	42 900*	62,1	127,1	20 100	50 300*	42,0
44,0	48,9	121,1	27 500	32 100*	54,5	123,9	23 100	40 900*	59,7	126,0	18 600	49 400*	44,0
46,0	46,0	119,2	25 700	30 500*	51,8	122,4	21 500	38 900*	57,2	124,7	17 300	47 500*	46,0
48,0	42,9	117,1	24 100	29 000*	49,0	120,7	20 000	37 000*	54,6	123,3	16 000	45 700*	48,0
50,0	39,6	114,7	22 500	27 600*	46,1	118,8	18 700	35 200*	51,9	121,8	14 900	43 700*	50,0
52,0	36,1	112,1	21 100	26 300*	43,0	116,7	17 400	33 500*	49,1	120,1	13 800	41 800*	52,0
54,0	32,2	109,0	19 800	25 200*	39,8	114,4	16 300	31 800*	46,2	118,2	12 800	39 900*	54,0
56,0	27,9	105,4	18 600	24 300*	36,3	111,7	15 300	30 300*	43,1	116,1	11 900	38 000*	56,0
58,0	22,8	101,1	17 500	23 600*	32,4	108,7	14 300	29 000*	39,9	113,8	11 000	36 300*	58,0
60,0	16,1	95,1	16 400	23 100*	28,1	105,2	13 300	27 800*	36,4	111,2	10 200	34 600*	60,0
62,0					23,0	100,8	12 400	26 800*	32,5	108,2	9 500	33 000*	62,0
64,0					16,5	95,0	11 600	26 100*	28,2	104,6	8 800	31 700*	64,0
66,0									23,2	100,3	8 000	30 400*	66,0
68,0									16,7	94,5	7 400	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

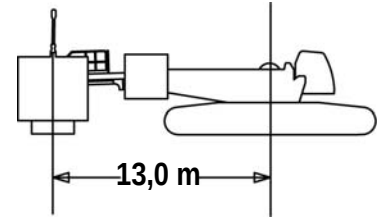
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



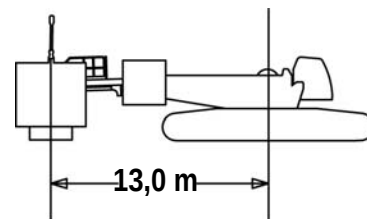
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	55,3	129,8	28 100	31 600*	60,0	132,0	23 400	39 600*	64,4	133,6	18 700	43 700*	42,7
44,0	53,8	128,8	26 800	30 500*	58,5	131,2	22 300	38 500*	63,0	132,9	17 700	43 700*	44,0
46,0	51,3	127,2	25 000	29 000*	56,2	129,9	20 700	36 900*	60,8	131,8	16 400	43 600*	46,0
48,0	48,8	125,5	23 400	27 600*	53,9	128,4	19 200	35 200*	58,6	130,6	15 100	42 700*	48,0
50,0	46,2	123,6	21 900	26 300*	51,4	126,9	17 900	33 600*	56,3	129,3	13 900	41 200*	50,0
52,0	43,5	121,6	20 500	25 100*	48,9	125,2	16 700	32 100*	53,9	127,8	12 900	39 600*	52,0
54,0	40,6	119,3	19 200	23 900*	46,3	123,3	15 600	30 500*	51,5	126,3	11 900	38 000*	54,0
56,0	37,5	116,8	18 000	22 900*	43,6	121,2	14 500	29 100*	49,0	124,6	11 100	36 500*	56,0
58,0	34,2	113,9	16 900	21 900*	40,7	118,9	13 600	27 800*	46,4	122,7	10 200	34 900*	58,0
60,0	30,5	110,7	15 900	21 100*	37,6	116,4	12 600	26 600*	43,7	120,6	9 400	33 400*	60,0
62,0	26,4	106,8	14 900	20 400*	34,3	113,6	11 800	25 400*	40,8	118,4	8 700	31 900*	62,0
64,0	21,6	102,2	13 900	19 900*	30,7	110,4	11 000	24 400*	37,7	115,8	8 000	30 500*	64,0
66,0	15,2	95,9	13 000	19 600*	26,6	106,6	10 200	23 500*	34,4	113,0	7 300	29 200*	66,0
68,0					21,8	102,0	9 500	22 800*	30,8	109,8	6 700	28 000*	68,0
70,0					15,6	95,8	8 700	22 200*	26,7	106,0	6 100	26 900*	70,0
72,0									21,9	101,4	5 500	26 000*	72,0
74,0									15,8	95,3	5 000	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
42,7											42,7
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0	61,5	130,6	6 600	38 600							52,0
54,0	59,3	129,4	5 900	36 700							54,0
56,0	57,1	128,1	5 300	34 900							56,0
58,0	54,7	126,7	4 600	33 300							58,0
60,0	52,3	125,2	4 100	31 800							60,0
62,0	49,9	123,6	3 500	30 300							62,0
64,0	47,3	121,8	3 000	29 000	55,3	125,0	25 300				64,0
66,0	44,6	119,8	2 500	27 800	52,9	123,5	24 200				66,0
68,0	41,7	117,6	2 100	26 600	50,5	121,9	23 100				68,0
70,0	38,7	115,2	1 600	25 500	47,9	120,1	22 100				70,0
72,0	35,5	112,4	1 200	24 500	45,3	118,2	21 200				72,0
74,0	32,0	109,4	800	23 500	42,5	116,0	20 300	50,9	119,4	16 700*	74,0
76,0	28,1	105,8		22 500	39,5	113,7	19 500	48,3	117,7	15 900*	76,0
78,0	23,6	101,5		21 600	36,4	111,0	18 700	45,7	115,8	15 100*	78,0
80,0	18,1	96,1		20 800	32,9	108,1	17 900	42,9	113,7	14 400*	80,0
82,0	9,6	87,5		19 900	29,2	104,6	17 200	40,0	111,3	13 700*	82,0
84,0					24,8	100,6	16 500	36,8	108,7	13 000*	84,0
86,0					19,6	95,5	15 800*	33,5	105,8	12 400*	86,0
88,0					12,3	88,1	15 000*	29,7	102,5	11 800*	88,0
90,0								25,5	98,5	11 200*	90,0
92,0								20,5	93,6	10 600*	92,0
94,0								13,6	86,8	10 000*	94,0

Liftcrane Luffing Jib Capacities

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

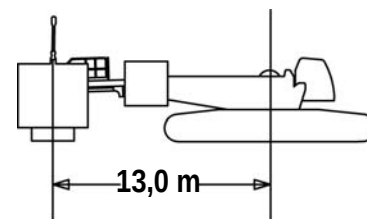
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



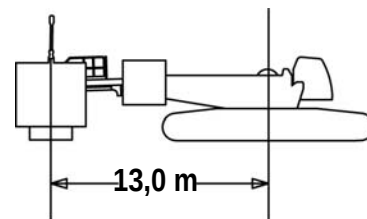
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	55,7	135,0	24 500	27 700*	60,0	137,2	20 000	34 700*	64,0	138,7	15 600	38 100*	45,7
46,0	55,4	134,8	24 300	27 500*	59,7	137,0	19 800	34 500*	63,7	138,6	15 400	38 100*	46,0
48,0	53,3	133,3	22 600	26 200*	57,6	135,7	18 400	33 200*	61,7	137,5	14 200	38 100*	48,0
50,0	51,1	131,7	21 100	25 000*	55,5	134,4	17 100	31 800*	59,7	136,4	13 100	38 000*	50,0
52,0	48,8	130,0	19 700	23 900*	53,4	132,9	15 900	30 500*	57,7	135,1	12 000	37 000*	52,0
54,0	46,4	128,1	18 400	22 800*	51,2	131,4	14 700	29 200*	55,6	133,8	11 100	35 800*	54,0
56,0	43,9	126,1	17 300	21 800*	48,9	129,6	13 700	27 900*	53,4	132,3	10 100	34 500*	56,0
58,0	41,3	123,9	16 100	20 900*	46,5	127,8	12 700	26 700*	51,2	130,7	9 300	33 200*	58,0
60,0	38,6	121,4	15 100	20 000*	44,0	125,7	11 900	25 600*	48,9	129,0	8 500	31 900*	60,0
62,0	35,6	118,7	14 100	19 200*	41,4	123,5	11 000	24 500*	46,6	127,2	7 800	30 700*	62,0
64,0	32,5	115,7	13 200	18 500*	38,7	121,1	10 200	23 500*	44,1	125,1	7 100	29 400*	64,0
66,0	29,0	112,2	12 400	17 900*	35,8	118,4	9 400	22 500*	41,5	122,9	6 500	28 200*	66,0
68,0	25,1	108,2	11 600	17 400*	32,6	115,4	8 800	21 600*	38,8	120,5	5 900	27 100*	68,0
70,0	20,5	103,3	10 800	17 000*	29,2	111,9	8 100	20 800*	35,9	117,8	5 300	26 000*	70,0
72,0	14,5	96,7	10 000	16 800*	25,3	107,9	7 400	20 200*	32,7	114,8	4 700	25 000*	72,0
74,0					20,7	103,1	6 800	19 600*	29,3	111,4	4 200	24 100*	74,0
76,0					14,8	96,5	6 200	19 200*	25,4	107,4	3 700	23 200*	76,0
78,0									20,9	102,6	3 200	22 400*	78,0
80,0									15,0	96,1	2 800	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
 62 530 kg Hanging Counterweight
 at 13,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

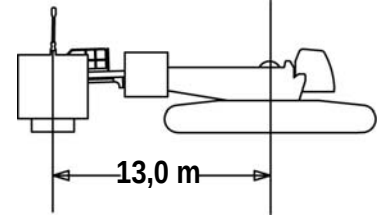
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



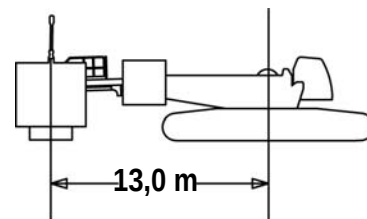
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	57,5	141,2	22 500	25 200*	61,3	143,2	18 100	31 200*	64,9	144,7	13 700	33 200*	47,2
48,0	56,8	140,7	21 900	24 800*	60,6	142,8	17 600	30 800*	64,3	144,3	13 300	33 200*	48,0
50,0	54,9	139,3	20 400	23 700*	58,8	141,6	16 300	29 800*	62,5	143,3	12 200	33 200*	50,0
52,0	52,9	137,8	19 000	22 700*	56,9	140,3	15 100	28 700*	60,7	142,2	11 200	33 200*	52,0
54,0	50,8	136,2	17 800	21 700*	54,9	138,9	14 000	27 600*	58,8	141,0	10 200	32 900*	54,0
56,0	48,7	134,5	16 600	20 800*	53,0	137,4	12 900	26 500*	56,9	139,7	9 300	32 100*	56,0
58,0	46,5	132,6	15 500	19 900*	50,9	135,8	12 000	25 400*	55,0	138,3	8 500	31 200*	58,0
60,0	44,3	130,6	14 500	19 000*	48,8	134,1	11 100	24 400*	53,0	136,8	7 700	30 100*	60,0
62,0	41,9	128,4	13 500	18 200*	46,6	132,2	10 200	23 400*	51,0	135,2	7 000	29 100*	62,0
64,0	39,5	126,0	12 600	17 500*	44,4	130,2	9 500	22 500*	48,9	133,5	6 300	28 000*	64,0
66,0	36,8	123,4	11 800	16 900*	42,0	128,1	8 700	21 600*	46,7	131,6	5 700	27 000*	66,0
68,0	34,1	120,5	11 000	16 300*	39,6	125,7	8 000	20 700*	44,4	129,6	5 100	26 000*	68,0
70,0	31,0	117,3	10 200	15 700*	37,0	123,1	7 400	19 900*	42,1	127,5	4 500	25 000*	70,0
72,0	27,7	113,7	9 500	15 200*	34,2	120,2	6 800	19 100*	39,6	125,1	4 000	24 100*	72,0
74,0	24,0	109,4	8 800	14 900*	31,2	117,0	6 200	18 500*	37,0	122,5	3 500	23 200*	74,0
76,0	19,6	104,3	8 100	14 600*	27,9	113,4	5 600	17 900*	34,3	119,7	3 000	22 300*	76,0
78,0	13,9	97,3	7 500	14 500*	24,2	109,2	5 000	17 300*	31,3	116,5	2 600	21 500*	78,0
80,0					19,8	104,1	4 500	16 900*	28,0	112,9	2 100	20 800*	80,0
82,0					14,1	97,3	4 000	16 700*	24,3	108,7	1 700	20 100*	82,0
84,0									19,9	103,6	1 300	19 500*	84,0
86,0									14,3	96,8	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
 62 530 kg Hanging Counterweight
 at 13,0 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	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
47,2											47,2
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0	61,3	141,0	2 700	30 700							58,0
60,0	59,4	139,8	2 200	30 300							60,0
62,0	57,6	138,6	1 600	28 800							62,0
64,0	55,6	137,2	1 100	27 500							64,0
66,0	53,7	135,8		26 300							66,0
68,0	51,7	134,2		25 100							68,0
70,0	49,6	132,5		24 000	56,1	135,4	20 500				70,0
72,0	47,4	130,7		23 000	54,2	134,0	19 500*				72,0
74,0	45,2	128,8		22 100	52,2	132,5	18 600*				74,0
76,0	42,9	126,7		21 100	50,1	130,8	17 700*				76,0
78,0	40,5	124,3		20 300	48,0	129,1	16 800*				78,0
80,0	37,9	121,8		19 500	45,8	127,1	16 000*				80,0
82,0	35,2	119,1		18 700	43,5	125,1	15 300*	50,4	128,4	11 500*	82,0
84,0	32,3	116,0		17 900	41,1	122,8	14 600*	48,3	126,6	10 900*	84,0
86,0	29,1	112,6		17 200	38,6	120,4	13 900*	46,1	124,7	10 300*	86,0
88,0	25,6	108,6		16 500	35,9	117,7	13 200*	43,8	122,7	9 700*	88,0
90,0	21,5	103,8		15 900	33,0	114,7	12 600*	41,4	120,5	9 100*	90,0
92,0	16,4	97,8		15 200	29,9	111,3	11 900*	38,9	118,0	8 600*	92,0
94,0	8,7	88,3		14 600	26,5	107,5	11 300*	36,3	115,4	8 100*	94,0
96,0					22,6	103,0	10 800*	33,5	112,4	7 600*	96,0
98,0					17,8	97,4	10 200*	30,4	109,2	7 100*	98,0
100,0					11,2	89,3	9 600*	27,0	105,4	6 700*	100,0
102,0								23,2	101,0	6 200*	102,0
104,0								18,6	95,6	5 800*	104,0
106,0								12,4	88,1	5 300*	106,0

Liftcrane Luffing Jib Capacities

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

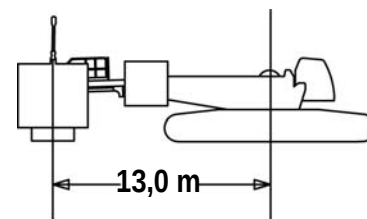
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 13,0 m Position

360 Degree Rating



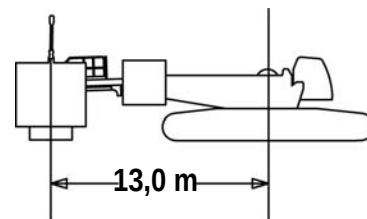
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3	57,7	146,4	19 500	22 100*	61,2	148,4	15 400	27 300*	64,5	149,9	11 200	28 600*	50,3
52,0	56,2	145,2	18 400	21 400*	59,7	147,4	14 400	26 600*	63,1	149,0	10 400	28 600*	52,0
54,0	54,4	143,8	17 100	20 500*	58,0	146,2	13 300	25 700*	61,5	147,9	9 400	28 600*	54,0
56,0	52,5	142,3	15 900	19 700*	56,2	144,8	12 300	24 800*	59,8	146,8	8 500	28 600*	56,0
58,0	50,6	140,7	14 900	18 900*	54,4	143,4	11 300	24 000*	58,0	145,5	7 700	28 500*	58,0
60,0	48,7	138,9	13 800	18 100*	52,6	141,9	10 400	23 100*	56,3	144,2	7 000	28 000*	60,0
62,0	46,7	137,1	12 900	17 400*	50,7	140,3	9 600	22 200*	54,5	142,8	6 200	27 100*	62,0
64,0	44,6	135,1	12 000	16 700*	48,8	138,6	8 800	21 400*	52,6	141,3	5 600	26 400*	64,0
66,0	42,4	132,9	11 100	16 000*	46,8	136,7	8 000	20 600*	50,8	139,7	5 000	25 500*	66,0
68,0	40,2	130,6	10 400	15 400*	44,7	134,7	7 400	19 800*	48,8	138,0	4 400	24 600*	68,0
70,0	37,8	128,1	9 600	14 900*	42,5	132,6	6 700	19 000*	46,8	136,1	3 800	23 800*	70,0
72,0	35,3	125,3	8 900	14 400*	40,3	130,3	6 100	18 300*	44,7	134,1	3 300	23 000*	72,0
74,0	32,7	122,3	8 200	13 900*	37,9	127,8	5 500	17 700*	42,6	132,0	2 800	22 200*	74,0
76,0	29,8	118,9	7 600	13 500*	35,4	125,0	5 000	17 100*	40,4	129,7	2 300	21 400*	76,0
78,0	26,6	115,1	7 000	13 100*	32,8	122,0	4 500	16 500*	38,0	127,2	1 900	20 700*	78,0
80,0	23,0	110,7	6 400	12 800*	29,9	118,6	3 900	15 900*	35,5	124,4	1 400	20 000*	80,0
82,0	18,8	105,3	5 800	12 600*	26,7	114,8	3 500	15 500*	32,9	121,4	1 000	19 300*	82,0
84,0	13,3	98,0	5 300	12 600*	23,2	110,4	3 000	15 100*	30,0	118,1		18 600*	84,0
86,0					19,0	105,1	2 500	14 700*	26,8	114,3		18 000*	86,0
88,0					13,6	98,0	2 100	14 600*	23,3	109,9		17 500*	88,0
90,0									19,1	104,6		17 100*	90,0
92,0									13,7	97,6		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
 62 530 kg Hanging Counterweight
 at 13,0 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	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
50,3 52,0 54,0 56,0 58,0											50,3 52,0 54,0 56,0 58,0
60,0 62,0 64,0 66,0 68,0	62,0 60,3 58,6 56,9 55,1	146,7 145,6 144,4 143,1 141,7	1 300 800	26 400* 26 400* 26 400* 25 700 24 500							60,0 62,0 64,0 66,0 68,0
70,0 72,0 74,0 76,0 78,0	53,3 51,4 49,5 47,5 45,4	140,3 138,7 137,0 135,2 133,2		23 400 22 400 21 400 20 500 19 700	57,3 55,5 53,7 51,9	141,3 140,0 138,5 137,0	18 600* 17 700* 16 800* 15 900*				70,0 72,0 74,0 76,0 78,0
80,0 82,0 84,0 86,0 88,0	43,3 41,1 38,8 36,4 33,8	131,2 128,9 126,5 123,8 120,9		18 800 18 100 17 300 16 600 15 900	50,0 48,0 46,0 43,9 41,7	135,3 133,5 131,6 129,6 127,4	15 200* 14 400* 13 700* 13 000* 12 400*	52,1 50,2 48,3	134,5 132,9 131,1	9 900* 9 300* 8 800*	80,0 82,0 84,0 86,0 88,0
90,0 92,0 94,0 96,0 98,0	31,0 27,9 24,5 20,6 15,7	117,7 114,1 109,9 104,9 98,6		15 300* 14 600* 13 900* 13 300* 12 600*	39,4 37,0 34,4 31,7 28,7	125,0 122,4 119,5 116,4 112,9	11 700* 11 100* 10 500* 10 000* 9 400*	46,3 44,2 42,0 39,7 37,3	129,2 127,2 125,0 122,7 120,1	8 200* 7 700* 7 200* 6 700* 6 300*	90,0 92,0 94,0 96,0 98,0
100,0 102,0 104,0 106,0 108,0	8,3	88,8		12 000*	25,4 21,7 17,1 10,7	108,9 104,1 98,3 89,8	8 900* 8 400* 7 900* 7 400*	34,8 32,1 29,2 25,9 22,3	117,3 114,2 110,7 106,8 102,2	5 800* 5 400* 5 000* 4 600* 4 200*	100,0 102,0 104,0 106,0 108,0
110,0 112,0								17,8 11,9	96,5 88,7	3 800* 3 400*	110,0 112,0