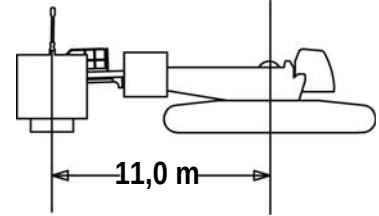


Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
360 Degree Rating



16000 MAX-ER

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

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

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

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

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

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

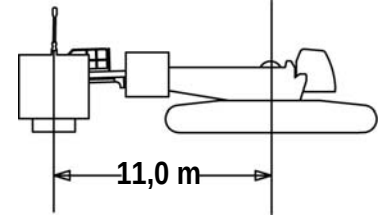
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



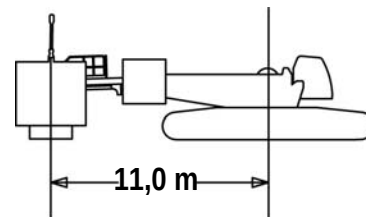
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	121 400	185 400*c									13,7
14,0	70,9	67,4	118 600	181 700*c									14,0
16,0	65,7	66,5	100 000	156 700*b									16,0
18,0	60,2	65,4	86 300	137 600*b	66,2	66,3	81 800	175 200*b					18,0
20,0	54,4	64,0	75 700	123 400*	60,8	65,3	71 600	157 500*b	66,7	66,1	67 500	154 700b	20,0
22,0	48,1	62,3	67 200	112 300*	55,0	63,9	63 500	140 900	61,3	65,0	59 800	138 000b	22,0
24,0	41,1	60,2	60 200	103 800*	48,8	62,2	56 900	126 400	55,6	63,7	53 600	123 600	24,0
26,0	32,8	57,3	54 300	97 400*	41,9	60,1	51 300	114 400	49,4	62,0	48 400	111 900	26,0
28,0	21,6	53,1	49 200	89 800*	33,7	57,4	46 600	104 300	42,6	60,0	43 900	102 100	28,0
30,0					23,0	53,4	42 400	95 100	34,6	57,3	40 000	93 700	30,0
32,0									24,3	53,5	36 600	86 500	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	60,2	63,9	43 300	107 800b									26,0
28,0	54,4	62,5	39 200	98 300									28,0
30,0	48,1	60,8	35 800	90 300									30,0
32,0	41,1	58,6	32 800	83 400	52,9	60,9	28 800	80 200					32,0
34,0	32,8	55,8	30 100	77 400	46,5	59,1	26 500	74 500					34,0
36,0	21,6	51,5	27 600	72 000	39,2	56,8	24 400	69 400					36,0
38,0					30,4	53,7	22 400	64 900	44,4	57,0	19 300	62 400	38,0
40,0									36,7	54,5	17 800	58 500	40,0
42,0									27,2	51,0	16 300	55 100	42,0
44,0									11,1	44,6	14 800	51 700	44,0

Liftcrane Luffing Jib Capacities

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

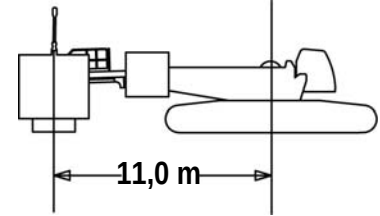
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



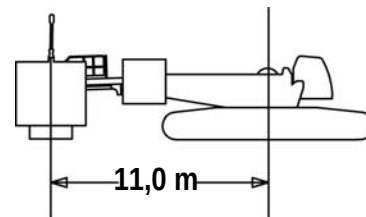
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	106 500	164 200* ^b									15,2
16,0	70,8	73,0	100 500	157 200* ^b									16,0
18,0	66,7	72,2	86 400	138 500* ^b									18,0
20,0	62,4	71,2	75 700	122 900*	67,1	72,0	71 400	155 700 ^b					20,0
22,0	57,9	70,0	67 200	110 900*	62,8	71,0	63 300	141 100					22,0
24,0	53,2	68,5	60 200	101 500*	58,4	69,8	56 700	126 100	63,3	70,8	53 300	123 400	24,0
26,0	48,1	66,8	54 400	93 800*	53,7	68,4	51 200	114 200	58,8	69,6	48 000	111 500	26,0
28,0	42,6	64,7	49 400	87 700*	48,7	66,7	46 500	104 100	54,2	68,2	43 600	101 800	28,0
30,0	36,4	62,2	45 200	82 800*	43,2	64,7	42 500	95 700	49,2	66,5	39 800	93 500	30,0
32,0	29,1	58,8	41 400	79 200*	37,1	62,2	39 000	88 400	43,8	64,5	36 500	86 400	32,0
34,0	19,1	54,0	38 000	71 900*	29,9	59,0	35 900	82 000	37,7	62,1	33 600	80 200	34,0
36,0					20,4	54,4	33 000	74 400	30,7	59,0	31 000	74 700	36,0
38,0									21,5	54,6	28 600	69 900	38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	35 400	90 000									30,0
32,0	53,2	67,0	32 400	83 100									32,0
34,0	48,1	65,3	29 800	77 100	56,8	66,9	26 000	74 100					34,0
36,0	42,6	63,2	27 500	71 900	52,0	65,4	23 900	69 000					36,0
38,0	36,4	60,6	25 400	67 200	46,8	63,6	22 000	64 600					38,0
40,0	29,1	57,3	23 500	63 100	41,2	61,4	20 400	60 600	50,5	63,4	17 300	58 100	40,0
42,0	19,1	52,5	21 700	59 300	34,8	58,7	18 800	57 000	45,2	61,5	15 900	54 700	42,0
44,0					27,0	55,2	17 400	53 800	39,3	59,2	14 700	51 600	44,0
46,0									32,6	56,3	13 500	48 800	46,0
48,0									24,1	52,3	12 500	46 200	48,0
50,0									9,7	45,0	11 300	43 700	50,0

Liftcrane Luffing Jib Capacities

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

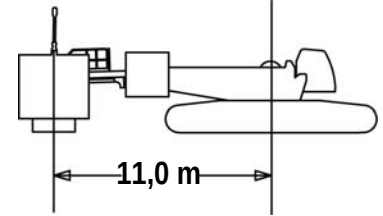
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



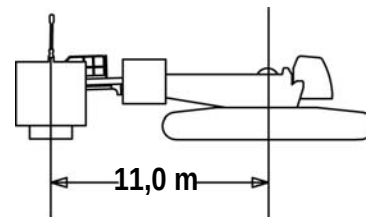
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	94 200	145 600*									16,8
18,0	70,8	78,7	86 200	139 700*									18,0
20,0	67,3	77,9	75 300	124 200*									20,0
22,0	63,8	76,9	66 800	111 300*	67,7	77,7	62 900	137 000					22,0
24,0	60,1	75,8	59 800	101 200*	64,2	76,8	56 100	126 100					24,0
26,0	56,3	74,5	54 000	93 000*	60,5	75,7	50 700	113 600	64,5	76,5	47 400	111 000	26,0
28,0	52,4	73,0	49 000	86 200*	56,8	74,4	46 000	103 700	60,9	75,4	42 900	101 200	28,0
30,0	48,2	71,3	44 800	80 600*	52,8	72,9	42 000	95 200	57,1	74,1	39 200	92 900	30,0
32,0	43,6	69,2	41 100	75 900*	48,6	71,2	38 600	88 000	53,2	72,7	35 900	85 800	32,0
34,0	38,7	66,8	37 900	72 200*	44,1	69,2	35 500	81 600	49,0	71,0	33 100	79 700	34,0
36,0	33,0	63,9	35 000	69 100*	39,2	66,8	32 800	76 100	44,6	69,0	30 500	74 300	36,0
38,0	26,4	60,2	32 400	65 800*	33,7	64,0	30 400	71 200	39,7	66,7	28 200	69 500	38,0
40,0	17,3	54,9	30 000	56 900*	27,1	60,4	28 200	66 500*	34,2	63,9	26 200	65 200	40,0
42,0					18,5	55,3	26 100	59 900*	27,8	60,4	24 300	61 400	42,0
44,0									19,5	55,6	22 600	57 800	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	31 600	82 400									32,0
34,0	56,3	73,0	29 000	76 500									34,0
36,0	52,4	71,5	26 700	71 200									36,0
38,0	48,1	69,7	24 700	66 700									38,0
40,0	43,6	67,7	22 900	62 500	51,4	69,9	19 600	59 900					40,0
42,0	38,7	65,3	21 200	58 800	47,1	68,1	18 100	56 400					42,0
44,0	33,0	62,4	19 700	55 500	42,4	66,0	16 700	53 200	50,1	67,9	13 900	50 900	44,0
46,0	26,4	58,7	18 300	52 500	37,3	63,5	15 500	50 300	45,7	66,0	12 700	48 100	46,0
48,0	17,3	53,4	16 900	49 700	31,5	60,4	14 300	47 600	41,0	63,8	11 700	45 600	48,0
50,0					24,5	56,4	13 300	45 200	35,7	61,1	10 800	43 300	50,0
52,0									29,6	57,8	9 900	41 100	52,0
54,0									21,9	53,4	9 100	39 100	54,0

Liftcrane Luffing Jib Capacities

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

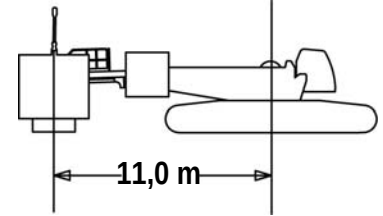
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



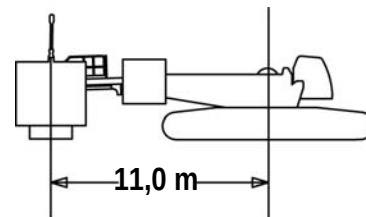
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	84 100	129 500*									18,3
20,0	70,7	84,3	75 100	125 100*									20,0
22,0	67,8	83,6	66 500	113 600*									22,0
24,0	64,8	82,6	59 400	102 200*	68,1	83,4	55 800	122 700*					24,0
26,0	61,7	81,6	53 600	93 400*	65,1	82,5	50 200	113 200					26,0
28,0	58,5	80,4	48 700	86 100*	62,0	81,4	45 600	103 200	65,4	82,2	42 500	100 800	28,0
30,0	55,2	79,0	44 500	80 000*	58,9	80,2	41 600	94 800	62,3	81,2	38 600	92 500	30,0
32,0	51,8	77,5	40 800	74 900*	55,6	78,9	38 100	87 500	59,2	80,0	35 400	85 400	32,0
34,0	48,2	75,7	37 600	70 700*	52,1	77,4	35 100	81 200	55,9	78,7	32 600	79 200	34,0
36,0	44,3	73,7	34 700	67 000*	48,5	75,7	32 400	75 700	52,5	77,2	30 000	73 800	36,0
38,0	40,2	71,4	32 200	64 000*	44,7	73,7	30 000	70 800	48,9	75,5	27 800	69 100	38,0
40,0	35,6	68,8	29 900	61 100*	40,6	71,4	27 800	66 500	45,1	73,5	25 800	64 800	40,0
42,0	30,5	65,6	27 800	56 700*	36,1	68,8	25 900	62 400	41,0	71,3	23 900	61 000	42,0
44,0	24,3	61,5	25 900	53 100*	31,0	65,7	24 100	58 200*	36,6	68,7	22 300	57 600	44,0
46,0	15,9	55,7	24 100	46 600*	25,0	61,7	22 500	54 300*	31,5	65,6	20 700	54 400	46,0
48,0					17,0	56,2	20 900	49 200*	25,6	61,8	19 300	51 600	48,0
50,0									17,9	56,5	18 000	48 900	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	28 400	75 900									34,0
36,0	58,5	78,9	26 100	70 700									36,0
38,0	55,2	77,5	24 100	66 100									38,0
40,0	51,8	76,0	22 300	62 000									40,0
42,0	48,2	74,2	20 700	58 400	54,4	75,9	17 400	55 900					42,0
44,0	44,3	72,2	19 200	55 100	50,9	74,4	16 100	52 700					44,0
46,0	40,2	69,9	17 800	52 100	47,2	72,6	14 900	49 800					46,0
48,0	35,6	67,3	16 600	49 400	43,3	70,5	13 800	47 200	49,8	72,3	11 100	45 000	48,0
50,0	30,5	64,1	15 400	46 800	39,1	68,1	12 800	44 800	46,1	70,5	10 200	42 700	50,0
52,0	24,3	60,0	14 300	44 600	34,4	65,3	11 800	42 600	42,1	68,3	9 400	40 600	52,0
54,0	15,9	54,2	13 200	42 400	29,1	62,0	10 900	40 500	37,7	65,8	8 600	38 700	54,0
56,0					22,5	57,6	10 100	38 600	32,9	62,9	7 800	36 900	56,0
58,0									27,2	59,3	7 100	35 200	58,0
60,0									20,1	54,5	6 500	33 600	60,0

Liftcrane Luffing Jib Capacities

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

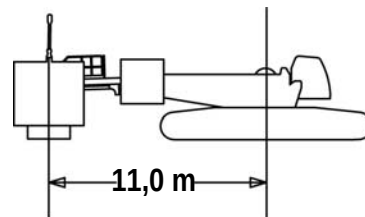
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



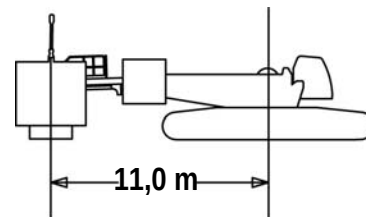
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	73,5	90,7	75 500	115 900*									19,8
20,0	73,2	90,7	74 700	115 500*									20,0
22,0	70,7	90,0	65 900	111 700*									22,0
24,0	68,1	89,2	58 900	104 600*									24,0
26,0	65,5	88,3	53 000	94 500*	68,4	89,1	49 600	109 400					26,0
28,0	62,9	87,3	48 100	86 600*	65,8	88,2	44 900	103 000					28,0
30,0	60,1	86,2	43 900	80 100*	63,1	87,2	40 900	94 200	66,1	87,9	37 900	91 900	30,0
32,0	57,3	84,9	40 200	74 700*	60,4	86,1	37 400	87 000	63,4	86,9	34 700	84 700	32,0
34,0	54,4	83,5	37 000	70 100*	57,6	84,8	34 400	80 600	60,7	85,8	31 800	78 600	34,0
36,0	51,3	81,9	34 200	66 100*	54,7	83,4	31 700	75 200	57,9	84,6	29 300	73 200	36,0
38,0	48,2	80,2	31 600	62 700*	51,7	81,9	29 400	70 300	55,0	83,2	27 000	68 400	38,0
40,0	44,8	78,2	29 400	59 700*	48,5	80,1	27 200	65 900	52,0	81,6	25 100	64 200	40,0
42,0	41,3	76,0	27 400	55 900*	45,2	78,2	25 300	62 000	48,8	79,9	23 200	60 400	42,0
44,0	37,4	73,5	25 500	51 900*	41,6	76,0	23 600	58 100*	45,5	78,0	21 600	57 000	44,0
46,0	33,2	70,6	23 800	48 500*	37,8	73,5	22 000	54 400*	42,0	75,8	20 100	53 900	46,0
48,0	28,4	67,1	22 200	45 400*	33,6	70,6	20 500	51 000*	38,2	73,4	18 800	51 100	48,0
50,0	22,6	62,7	20 800	42 900*	28,9	67,2	19 100	47 900*	34,1	70,6	17 500	48 500	50,0
52,0	14,8	56,5	19 400	38 500*	23,3	63,0	17 800	45 000*	29,4	67,2	16 300	46 100	52,0
54,0					15,8	57,0	16 600	40 600*	23,9	63,0	15 200	43 900	54,0
56,0									16,7	57,3	14 100	41 600	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

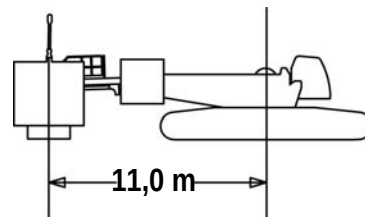
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



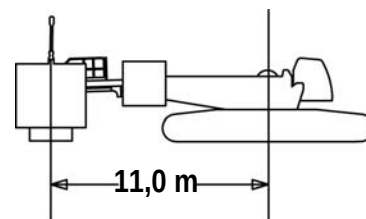
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	73,7	96,6	68 300	96 700*									21,3
22,0	72,9	96,4	65 700	96 600*									22,0
24,0	70,7	95,7	58 500	95 400*									24,0
26,0	68,4	94,9	52 600	91 700*									26,0
28,0	66,1	94,0	47 700	87 100*	68,6	94,7	44 400	92 600*					28,0
30,0	63,7	93,0	43 400	81 600*	66,3	93,8	40 300	90 100*					30,0
32,0	61,3	92,0	39 700	75 500*	64,0	92,9	36 900	86 400*	66,6	93,6	34 000	84 200	32,0
34,0	58,9	90,8	36 500	70 500*	61,6	91,8	33 800	80 100	64,2	92,6	31 200	78 000	34,0
36,0	56,3	89,5	33 700	66 200*	59,1	90,6	31 200	74 700	61,8	91,6	28 700	72 700	36,0
38,0	53,7	88,0	31 100	62 500*	56,6	89,3	28 800	69 800	59,4	90,4	26 500	67 900	38,0
40,0	51,0	86,4	28 900	59 200*	54,0	87,9	26 700	65 400	56,8	89,1	24 400	63 700	40,0
42,0	48,2	84,7	26 900	55 100*	51,3	86,3	24 700	61 600	54,2	87,7	22 700	59 900	42,0
44,0	45,2	82,7	25 000	51 400*	48,5	84,6	23 000	58 000	51,5	86,1	21 000	56 500	44,0
46,0	42,1	80,6	23 400	48 000*	45,5	82,7	21 500	54 300*	48,7	84,4	19 500	53 400	46,0
48,0	38,8	78,2	21 800	44 900*	42,4	80,6	20 000	50 900*	45,8	82,5	18 200	50 600	48,0
50,0	35,2	75,4	20 400	42 100*	39,1	78,2	18 600	47 800*	42,7	80,4	16 900	48 000	50,0
52,0	31,2	72,2	19 100	39 600*	35,5	75,5	17 400	45 000*	39,4	78,0	15 800	45 600	52,0
54,0	26,7	68,5	17 800	37 500*	31,6	72,3	16 300	42 400*	35,9	75,3	14 700	43 500	54,0
56,0	21,3	63,8	16 700	35 700*	27,2	68,7	15 200	40 100*	32,0	72,3	13 700	41 400	56,0
58,0					21,9	64,1	14 200	37 800*	27,6	68,7	12 700	39 600	58,0
60,0					14,9	57,8	13 200	34 000*	22,5	64,2	11 900	37 800	60,0
62,0									15,7	58,2	11 000	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

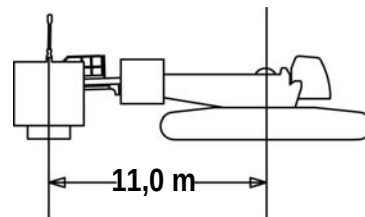
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



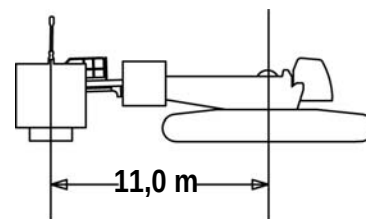
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
22,9	73,8	102,4	61 800	79 900*									22,9
24,0	72,7	102,0	58 000	79 700*									24,0
26,0	70,7	101,3	52 000	79 300*									26,0
28,0	68,6	100,6	47 100	78 300*									28,0
30,0	66,5	99,7	42 800	74 900*	68,8	100,4	39 700	76 400*					30,0
32,0	64,4	98,7	39 100	71 400*	66,8	99,5	36 200	76 100*					32,0
34,0	62,3	97,7	35 900	67 800*	64,7	98,6	33 200	73 900*	67,0	99,2	30 400	72 500*	34,0
36,0	60,1	96,6	33 000	64 100*	62,5	97,6	30 500	70 400*	64,9	98,3	27 900	71 300	36,0
38,0	57,8	95,3	30 500	60 500*	60,3	96,4	28 100	67 000*	62,7	97,3	25 700	67 400	38,0
40,0	55,5	94,0	28 300	56 900*	58,1	95,2	26 000	63 800*	60,5	96,2	23 700	63 100	40,0
42,0	53,2	92,5	26 200	53 500*	55,8	93,9	24 100	60 600*	58,3	95,0	21 900	59 300	42,0
44,0	50,7	90,9	24 400	50 300*	53,4	92,4	22 300	57 400*	56,0	93,6	20 300	55 900	44,0
46,0	48,2	89,1	22 700	47 200*	51,0	90,8	20 700	53 800*	53,6	92,2	18 800	52 800	46,0
48,0	45,5	87,2	21 200	44 300*	48,4	89,1	19 300	50 400*	51,2	90,6	17 500	50 000	48,0
50,0	42,7	85,1	19 800	41 700*	45,8	87,2	18 000	47 400*	48,7	88,9	16 200	47 400	50,0
52,0	39,8	82,8	18 500	39 200*	43,0	85,1	16 800	44 600*	46,1	87,0	15 000	45 100	52,0
54,0	36,7	80,2	17 300	37 000*	40,1	82,8	15 600	42 100*	43,3	84,9	14 000	42 900	54,0
56,0	33,3	77,2	16 200	35 000*	37,0	80,2	14 600	39 700*	40,4	82,6	13 000	40 900	56,0
58,0	29,5	73,8	15 100	33 100*	33,6	77,3	13 600	37 600*	37,3	80,1	12 100	39 000	58,0
60,0	25,2	69,8	14 100	31 500*	29,9	73,9	12 700	35 500*	34,0	77,2	11 200	37 300	60,0
62,0	20,1	64,9	13 200	30 200*	25,7	70,0	11 800	33 600*	30,3	73,9	10 400	35 600	62,0
64,0	13,2	57,8	12 200	27 000*	20,7	65,2	11 000	31 800*	26,2	70,1	9 700	33 900	64,0
66,0					14,0	58,5	10 100	28 500*	21,3	65,3	8 900	32 100*	66,0
68,0									14,8	58,9	8 200	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

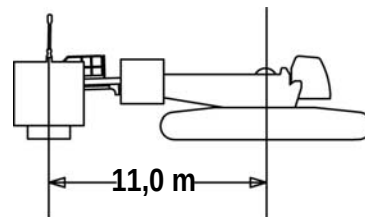
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



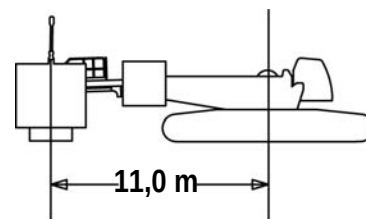
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	74,0	108,2	56 100	66 800*									24,4
26,0	72,5	107,7	51 400	66 500*									26,0
28,0	70,7	107,0	46 400	66 000*									28,0
30,0	68,8	106,2	42 100	65 500*									30,0
32,0	66,9	105,4	38 400	64 500*	69,0	106,0	35 400	63 600*					32,0
34,0	65,0	104,4	35 100	61 800*	67,1	105,2	32 400	63 400*					34,0
36,0	63,1	103,4	32 300	59 100*	65,2	104,3	29 700	63 100*					36,0
38,0	61,1	102,4	29 800	56 400*	63,3	103,3	27 300	62 700*	65,4	104,0	24 900	60 500*	38,0
40,0	59,1	101,2	27 500	53 600*	61,3	102,2	25 200	62 200*	63,5	103,0	22 900	60 400	40,0
42,0	57,0	99,9	25 500	50 900*	59,3	101,0	23 300	59 700*	61,5	101,9	21 100	58 900	42,0
44,0	54,9	98,5	23 700	48 200*	57,2	99,8	21 600	56 100*	59,5	100,8	19 500	55 200	44,0
46,0	52,7	97,0	22 000	45 700*	55,1	98,4	20 000	52 500*	57,4	99,5	18 000	52 100	46,0
48,0	50,5	95,4	20 500	43 200*	52,9	96,9	18 600	49 400*	55,3	98,2	16 600	49 300	48,0
50,0	48,2	93,6	19 100	40 800*	50,7	95,3	17 200	46 500*	53,2	96,7	15 400	46 800	50,0
52,0	45,8	91,7	17 800	38 600*	48,4	93,6	16 000	43 800*	50,9	95,1	14 300	44 400	52,0
54,0	43,3	89,6	16 600	36 500*	46,0	91,7	14 900	41 200*	48,6	93,3	13 200	42 200	54,0
56,0	40,6	87,3	15 500	34 600*	43,5	89,6	13 800	38 900*	46,3	91,5	12 200	40 200	56,0
58,0	37,8	84,8	14 400	32 800*	40,9	87,3	12 900	36 800*	43,8	89,4	11 300	38 400	58,0
60,0	34,9	82,1	13 500	31 100*	38,1	84,8	12 000	34 800*	41,2	87,2	10 500	36 600	60,0
62,0	31,6	78,9	12 500	29 600*	35,2	82,1	11 100	33 000*	38,4	84,7	9 700	35 000	62,0
64,0	28,1	75,3	11 700	28 200*	32,0	79,0	10 300	31 300*	35,5	82,0	8 900	33 300*	64,0
66,0	24,0	71,1	10 900	27 000*	28,5	75,5	9 500	29 700*	32,3	78,9	8 200	31 500*	66,0
68,0	19,2	65,9	10 100	25 500*	24,5	71,3	8 800	28 200*	28,8	75,5	7 500	29 900*	68,0
70,0	12,5	58,5	9 300	22 500*	19,7	66,2	8 100	26 700*	24,9	71,4	6 900	28 400*	70,0
72,0					13,4	59,2	7 400	23 700*	20,2	66,4	6 300	26 900*	72,0
74,0									14,1	59,6	5 700	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

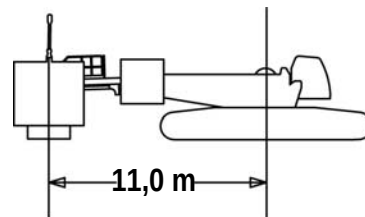
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



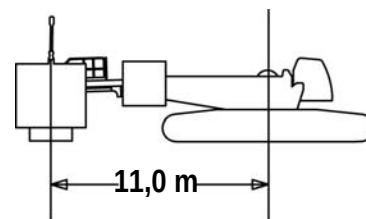
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	72,8	113,5	47 100	55 600*									27,4
28,0	72,3	113,3	45 800	55 400*									28,0
30,0	70,6	112,6	41 500	55 000*									30,0
32,0	68,9	111,9	37 800	54 500*	70,8	112,4	34 700	53 400*					32,0
34,0	67,2	111,0	34 500	54 000*	69,1	111,7	31 700	53 100*					34,0
36,0	65,5	110,1	31 700	53 300*	67,4	110,9	29 000	52 700*					36,0
38,0	63,7	109,2	29 100	51 600*	65,7	110,0	26 600	52 400*					38,0
40,0	61,9	108,1	26 900	49 500*	63,9	109,0	24 500	52 000*	65,8	109,7	22 100	50 400*	40,0
42,0	60,1	107,0	24 900	47 400*	62,1	108,0	22 600	51 600*	64,1	108,7	20 300	50 200*	42,0
44,0	58,2	105,7	23 000	45 400*	60,3	106,8	20 800	51 200*	62,3	107,7	18 700	49 900*	44,0
46,0	56,3	104,4	21 300	43 300*	58,4	105,6	19 300	50 700*	60,4	106,6	17 200	49 700*	46,0
48,0	54,3	103,0	19 800	41 200*	56,5	104,3	17 800	49 000*	58,6	105,4	15 900	48 800	48,0
50,0	52,3	101,5	18 400	39 300*	54,6	102,9	16 500	45 900*	56,7	104,1	14 600	46 100	50,0
52,0	50,3	99,8	17 100	37 400*	52,6	101,4	15 300	43 300*	54,7	102,7	13 500	43 800	52,0
54,0	48,2	98,1	15 900	35 600*	50,5	99,8	14 200	40 900*	52,8	101,2	12 500	41 600	54,0
56,0	46,0	96,2	14 800	33 800*	48,4	98,0	13 200	38 700*	50,7	99,6	11 500	39 600	56,0
58,0	43,7	94,1	13 800	32 100*	46,2	96,1	12 200	36 600*	48,6	97,8	10 600	37 800	58,0
60,0	41,3	91,9	12 800	30 600*	43,9	94,1	11 300	34 600*	46,4	95,9	9 700	36 000	60,0
62,0	38,8	89,5	11 900	29 100*	41,6	91,9	10 400	32 700*	44,2	93,9	9 000	34 400	62,0
64,0	36,1	86,8	11 100	27 800*	39,1	89,5	9 700	31 000*	41,8	91,7	8 200	32 900	64,0
66,0	33,3	83,8	10 300	26 500*	36,4	86,8	8 900	29 400*	39,3	89,3	7 500	31 200*	66,0
68,0	30,2	80,5	9 500	25 300*	33,6	83,9	8 200	27 900*	36,7	86,7	6 900	29 600*	68,0
70,0	26,8	76,8	8 800	24 300*	30,6	80,6	7 600	26 400*	33,9	83,8	6 200	28 100*	70,0
72,0	23,0	72,3	8 100	23 300*	27,2	76,9	6 900	25 100*	30,9	80,6	5 700	26 600*	72,0
74,0	18,3	66,8	7 500	21 600*	23,4	72,6	6 300	23 800*	27,5	76,9	5 100	25 300*	74,0
76,0	11,9	59,1	6 800	18 600*	18,8	67,2	5 700	22 500*	23,8	72,6	4 500	24 000*	76,0
78,0					12,8	59,8	5 100	19 800*	19,3	67,4	4 000	22 800*	78,0
80,0									13,5	60,3	3 500	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

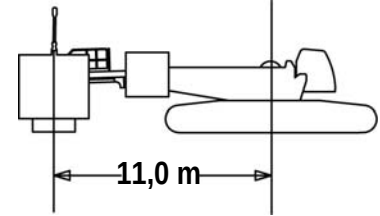
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



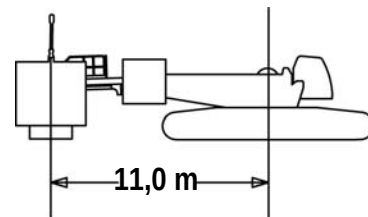
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	71,8	118,8	40 000	46 600*									30,5
32,0	70,6	118,3	37 200	46 200*									32,0
34,0	69,1	117,5	34 000	45 800*									34,0
36,0	67,5	116,7	31 100	45 300*	69,2	117,4	28 400	44 600*					36,0
38,0	65,9	115,8	28 600	44 900*	67,6	116,5	26 000	44 300*					38,0
40,0	64,2	114,9	26 300	44 400*	66,0	115,7	23 800	43 900*					40,0
42,0	62,6	113,8	24 200	43 500*	64,4	114,7	21 900	43 600*	66,2	115,4	19 600	42 300*	42,0
44,0	60,9	112,7	22 400	41 800*	62,8	113,7	20 200	43 200*	64,6	114,4	18 000	42 100*	44,0
46,0	59,2	111,6	20 700	40 200*	61,1	112,6	18 600	42 900*	62,9	113,4	16 500	41 900*	46,0
48,0	57,5	110,3	19 200	38 600*	59,4	111,4	17 200	42 500*	61,3	112,3	15 200	41 600*	48,0
50,0	55,7	109,0	17 800	37 000*	57,7	110,2	15 900	42 100*	59,6	111,2	14 000	41 300*	50,0
52,0	53,9	107,5	16 500	35 400*	55,9	108,8	14 700	41 700*	57,8	109,9	12 800	41 100*	52,0
54,0	52,0	106,0	15 300	33 900*	54,1	107,4	13 600	40 100*	56,1	108,6	11 800	40 700	54,0
56,0	50,1	104,3	14 200	32 400*	52,2	105,9	12 500	37 800*	54,3	107,2	10 800	39 100	56,0
58,0	48,2	102,6	13 200	31 000*	50,3	104,2	11 600	35 800*	52,4	105,7	9 900	37 200	58,0
60,0	46,2	100,7	12 200	29 600*	48,4	102,5	10 700	33 800*	50,5	104,0	9 100	35 500	60,0
62,0	44,1	98,6	11 300	28 200*	46,4	100,6	9 800	32 000*	48,6	102,3	8 300	33 900	62,0
64,0	41,9	96,4	10 500	27 000*	44,3	98,6	9 000	30 300*	46,6	100,4	7 600	32 300	64,0
66,0	39,6	94,1	9 700	25 900*	42,1	96,4	8 300	28 700*	44,5	98,4	6 900	30 500*	66,0
68,0	37,2	91,5	9 000	24 700*	39,8	94,1	7 600	27 300*	42,3	96,3	6 200	29 000*	68,0
70,0	34,7	88,7	8 300	23 700*	37,5	91,5	7 000	25 900*	40,1	93,9	5 600	27 500*	70,0
72,0	31,9	85,6	7 600	22 700*	34,9	88,7	6 300	24 600*	37,7	91,4	5 100	26 100*	72,0
74,0	29,0	82,1	7 000	21 900*	32,2	85,7	5 700	23 300*	35,2	88,6	4 500	24 800*	74,0
76,0	25,7	78,1	6 400	20 900*	29,3	82,2	5 200	22 100*	32,5	85,6	3 900	23 500*	76,0
78,0	22,0	73,5	5 800	19 700*	26,1	78,3	4 600	21 000*	29,6	82,2	3 500	22 300*	78,0
80,0	17,6	67,7	5 200	17 900*	22,4	73,7	4 100	20 000*	26,4	78,3	3 000	21 200*	80,0
82,0	11,4	59,7	4 700	15 300*	18,1	68,2	3 600	18 700*	22,8	73,8	2 500	20 200*	82,0
84,0					12,2	60,5	3 100	16 400*	18,5	68,4	2 000	19 100*	84,0
86,0									12,9	61,0	1 600	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

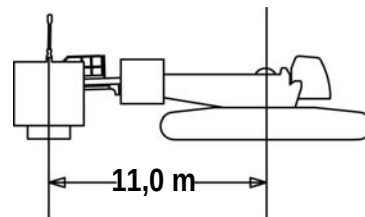
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



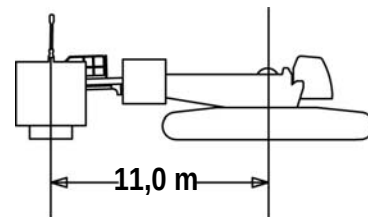
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	71,0	124,1	34 000	39 000*									33,5
34,0	70,6	123,9	33 300	38 900*									34,0
36,0	69,2	123,2	30 400	38 500*									36,0
38,0	67,7	122,4	27 800	38 000*	69,3	123,0	25 200	37 500*					38,0
40,0	66,2	121,5	25 600	37 600*	67,9	122,2	23 100	37 200*					40,0
42,0	64,7	120,6	23 500	37 100*	66,4	121,3	21 200	36 800*					42,0
44,0	63,2	119,6	21 700	36 700*	64,9	120,4	19 400	36 500*	66,5	121,1	17 200	35 500*	44,0
46,0	61,6	118,5	20 000	36 300*	63,3	119,4	17 800	36 100*	65,0	120,1	15 700	35 200*	46,0
48,0	60,1	117,4	18 500	35 600*	61,8	118,4	16 400	35 700*	63,5	119,1	14 300	35 000*	48,0
50,0	58,5	116,2	17 100	34 300*	60,2	117,2	15 100	35 300*	61,9	118,1	13 100	34 700*	50,0
52,0	56,8	114,8	15 800	33 000*	58,6	116,0	13 900	35 000*	60,4	117,0	12 000	34 400*	52,0
54,0	55,2	113,5	14 600	31 800*	57,0	114,7	12 800	34 600*	58,8	115,8	11 000	34 200*	54,0
56,0	53,5	112,0	13 500	30 500*	55,4	113,4	11 800	34 300*	57,2	114,5	10 000	33 900*	56,0
58,0	51,8	110,5	12 500	29 300*	53,7	111,9	10 800	34 000*	55,5	113,1	9 100	33 600*	58,0
60,0	50,0	108,8	11 500	28 200*	51,9	110,4	9 900	33 100*	53,8	111,7	8 300	33 400*	60,0
62,0	48,2	107,0	10 600	27 100*	50,2	108,7	9 100	31 300*	52,1	110,1	7 500	33 000*	62,0
64,0	46,3	105,2	9 800	26 000*	48,4	107,0	8 300	29 600*	50,4	108,5	6 800	31 600*	64,0
66,0	44,4	103,1	9 000	24 900*	46,5	105,1	7 500	28 100*	48,5	106,8	6 100	29 900*	66,0
68,0	42,4	101,0	8 300	23 900*	44,6	103,1	6 800	26 600*	46,7	104,9	5 400	28 300*	68,0
70,0	40,3	98,7	7 600	23 000*	42,6	100,9	6 200	25 200*	44,8	102,9	4 800	26 800*	70,0
72,0	38,1	96,2	6 900	22 100*	40,5	98,6	5 600	23 900*	42,8	100,8	4 200	25 400*	72,0
74,0	35,8	93,4	6 300	21 300*	38,3	96,2	5 000	22 700*	40,7	98,5	3 700	24 100*	74,0
76,0	33,3	90,5	5 700	20 200*	36,0	93,5	4 400	21 500*	38,5	96,0	3 200	22 800*	76,0
78,0	30,7	87,2	5 100	19 200*	33,6	90,5	3 900	20 400*	36,3	93,4	2 700	21 700*	78,0
80,0	27,9	83,6	4 600	18 200*	31,0	87,3	3 400	19 400*	33,8	90,5	2 200	20 600*	80,0
82,0	24,8	79,4	4 100	17 200*	28,2	83,7	2 900	18 400*	31,3	87,3	1 800	19 600*	82,0
84,0	21,2	74,6	3 600	16 300*	25,1	79,6	2 500	17 400*	28,5	83,7	1 400	18 500*	84,0
86,0	16,9	68,6	3 100	14 500*	21,6	74,9	2 000	16 500*	25,4	79,7	900	17 600*	86,0
88,0	11,0	60,2	2 600	12 300*	17,4	69,1	1 600	15 300*	21,9	75,0		16 700*	88,0
90,0					11,8	61,0	1 100	13 300*	17,8	69,3		15 700*	90,0
92,0									12,4	61,6		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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

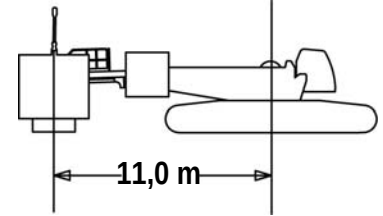
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



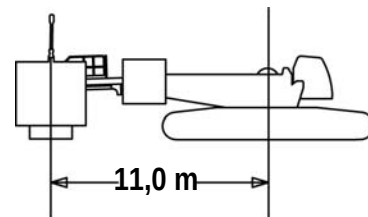
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
13,7	72,7	73,6	121 800	175 900*c									13,7
14,0	71,9	73,5	119 000	173 200*c									14,0
16,0	66,8	72,7	100 200	154 100*b									16,0
18,0	61,4	71,6	86 500	135 300*b									18,0
20,0	55,7	70,3	75 800	121 600*	62,8	71,7	70 900	156 800b					20,0
22,0	49,5	68,7	67 200	110 900*	57,2	70,4	62 900	140 500b	64,2	71,5	58 600	136 900b	22,0
24,0	42,6	66,6	60 200	102 700*	51,2	68,9	56 300	125 700	58,6	70,3	52 300	122 500b	24,0
26,0	34,7	64,0	54 300	96 500*	44,5	66,9	50 800	113 800	52,7	68,9	47 200	110 900	26,0
28,0	24,4	60,1	49 200	91 300*	36,9	64,4	46 100	103 800	46,3	67,0	42 900	101 200	28,0
30,0					27,4	61,0	42 000	95 200	38,9	64,7	39 100	92 900	30,0
32,0					11,6	54,7	38 200	81 000	30,1	61,6	35 700	85 800	32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	37 400	96 800b									28,0
30,0	53,1	67,9	34 000	88 800									30,0
32,0	46,6	66,2	31 100	82 100									32,0
34,0	39,4	63,9	28 600	76 100	53,1	66,6	24 200	72 800					34,0
36,0	30,6	60,8	26 300	70 900	46,7	64,8	22 300	67 800					36,0
38,0	18,1	56,0	24 100	66 300	39,4	62,5	20 500	63 300					38,0
40,0					30,7	59,5	18 800	59 400	46,2	63,0	15 400	56 700	40,0
42,0					18,2	54,6	17 300	55 800	38,9	60,7	14 100	53 300	42,0
44,0									30,0	57,5	12 900	50 300	44,0

Liftcrane Luffing Jib Capacities

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

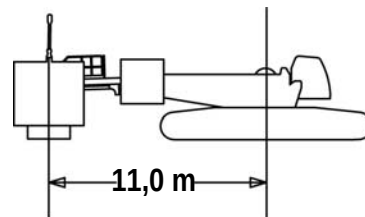
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



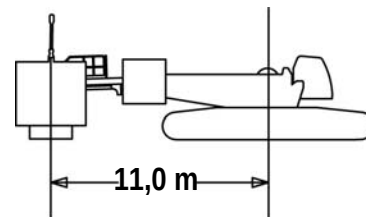
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
15,2	73,2	79,4	106 700	155 600*c									15,2
16,0	71,7	79,2	100 600	151 000*c									16,0
18,0	67,5	78,4	86 400	135 800*b									18,0
20,0	63,3	77,4	75 700	120 600*b	68,6	78,3	70 700	149 400*b					20,0
22,0	58,9	76,2	67 200	109 200*	64,4	77,4	62 600	140 800b					22,0
24,0	54,2	74,8	60 200	100 100*	60,0	76,3	56 100	125 400	65,5	77,2	52 000	122 200b	24,0
26,0	49,2	73,2	54 400	92 800*	55,4	74,9	50 600	113 500	61,2	76,1	46 900	110 500	26,0
28,0	43,8	71,2	49 400	86 800*	50,6	73,3	46 000	103 600	56,6	74,9	42 500	100 800	28,0
30,0	37,8	68,7	45 200	82 200*	45,3	71,4	42 000	95 200	51,8	73,3	38 800	92 600	30,0
32,0	30,7	65,6	41 400	78 700*	39,5	69,1	38 500	87 900	46,7	71,5	35 600	85 600	32,0
34,0	21,6	61,2	38 000	74 900*	32,7	66,2	35 500	81 600	41,0	69,3	32 700	79 400	34,0
36,0					24,3	62,3	32 700	76 000	34,5	66,6	30 200	74 000	36,0
38,0					10,2	55,2	30 000	65 000	26,7	63,0	27 900	69 200	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	30 700	81 600									32,0
34,0	52,1	72,4	28 200	75 800									34,0
36,0	47,0	70,6	26 000	70 600									36,0
38,0	41,3	68,5	23 900	66 100	52,1	71,1	20 000	62 900					38,0
40,0	34,9	65,8	22 200	62 000	47,0	69,3	18 400	59 000					40,0
42,0	27,2	62,2	20 500	58 300	41,3	67,1	17 000	55 600					42,0
44,0	16,0	56,8	18 900	55 000	34,9	64,4	15 700	52 400	46,6	67,5	12 400	49 900	44,0
46,0					27,2	60,9	14 500	49 500	41,0	65,3	11 400	47 100	46,0
48,0					16,1	55,5	13 300	46 800	34,5	62,5	10 500	44 700	48,0
50,0									26,6	59,0	9 600	42 400	50,0

Liftcrane Luffing Jib Capacities

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

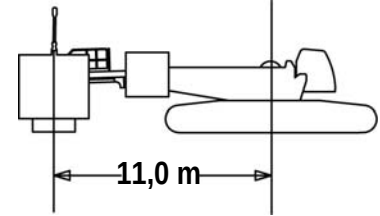
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



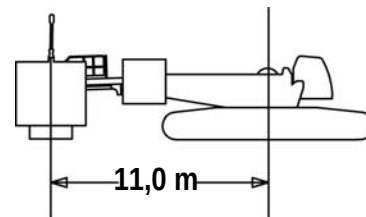
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
16,8	73,6	85,2	94 300	138 700* ^b									16,8
18,0	71,5	84,8	86 300	134 800* ^b									18,0
20,0	68,1	84,0	75 400	120 800*									20,0
22,0	64,5	83,1	66 800	108 700*	69,0	84,0	62 200	132 800* ^b					22,0
24,0	60,9	82,0	59 800	99 100*	65,5	83,1	55 500	124 800					24,0
26,0	57,2	80,8	54 000	91 200*	61,9	82,0	50 000	113 000	66,4	82,9	46 100	109 900	26,0
28,0	53,2	79,3	49 000	84 800*	58,2	80,8	45 400	103 100	62,8	81,9	41 800	100 200	28,0
30,0	49,1	77,6	44 800	79 500*	54,3	79,4	41 500	94 700	59,1	80,7	38 100	92 000	30,0
32,0	44,6	75,7	41 100	75 000*	50,2	77,8	38 000	87 500	55,3	79,4	34 900	85 000	32,0
34,0	39,7	73,4	37 900	71 400*	45,8	75,9	35 000	81 200	51,2	77,8	32 100	78 900	34,0
36,0	34,3	70,6	35 000	67 900*	41,1	73,7	32 300	75 700	46,9	76,0	29 600	73 500	36,0
38,0	27,9	67,1	32 400	63 300*	35,8	71,1	30 000	70 800	42,3	73,9	27 400	68 800	38,0
40,0	19,6	62,2	30 000	58 900*	29,7	67,8	27 800	66 400	37,2	71,4	25 400	64 600	40,0
42,0					22,0	63,4	25 800	62 200	31,3	68,3	23 600	60 700	42,0
44,0					9,2	55,6	23 800	52 300*	24,2	64,3	21 900	57 300	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	29 800	80 900									32,0
34,0	59,3	79,8	27 300	75 100									34,0
36,0	55,5	78,5	25 200	70 000									36,0
38,0	51,4	76,9	23 200	65 400									38,0
40,0	47,2	75,1	21 500	61 400	55,5	77,1	17 500	58 300					40,0
42,0	42,6	73,0	19 900	57 800	51,5	75,6	16 200	54 900					42,0
44,0	37,5	70,5	18 400	54 500	47,2	73,8	14 900	51 800					44,0
46,0	31,7	67,5	17 100	51 600	42,6	71,7	13 800	49 000	51,2	73,8	10 500	46 400	46,0
48,0	24,6	63,5	15 900	48 800	37,5	69,2	12 700	46 400	46,9	72,0	9 600	43 900	48,0
50,0	14,5	57,5	14 600	46 300	31,7	66,1	11 700	44 000	42,3	69,8	8 800	41 700	50,0
52,0					24,7	62,2	10 800	41 800	37,1	67,3	8 000	39 600	52,0
54,0					14,5	56,2	9 800	39 700	31,3	64,2	7 300	37 700	54,0
56,0									24,2	60,2	6 600	35 900	56,0

Liftcrane Luffing Jib Capacities

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

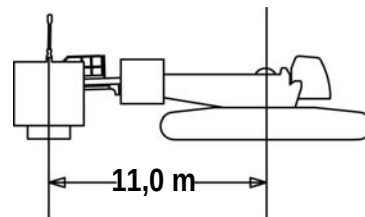
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



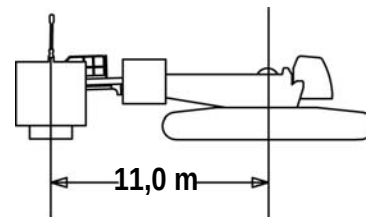
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	73,8	91,1	84 200	123 700*									18,3
20,0	71,3	90,5	75 100	119 600*									20,0
22,0	68,4	89,7	66 500	110 100*									22,0
24,0	65,4	88,8	59 400	99 400*	69,2	89,6	55 100	118 300*					24,0
26,0	62,4	87,8	53 600	91 100*	66,2	88,8	49 600	112 600					26,0
28,0	59,2	86,6	48 600	84 200*	63,2	87,8	44 900	102 600	67,0	88,6	41 300	99 800	28,0
30,0	55,9	85,3	44 400	78 500*	60,0	86,7	41 000	94 200	63,9	87,6	37 500	91 500	30,0
32,0	52,5	83,8	40 700	73 700*	56,8	85,4	37 600	87 000	60,8	86,5	34 400	84 500	32,0
34,0	48,9	82,1	37 500	69 600*	53,4	83,9	34 600	80 700	57,6	85,3	31 600	78 400	34,0
36,0	45,1	80,2	34 700	65 900*	49,9	82,3	31 900	75 300	54,3	83,9	29 100	73 100	36,0
38,0	41,1	77,9	32 100	61 200*	46,2	80,4	29 500	70 400	50,8	82,3	26 900	68 300	38,0
40,0	36,6	75,4	29 900	56 800*	42,2	78,3	27 400	66 100	47,1	80,5	25 000	64 100	40,0
42,0	31,6	72,3	27 800	52 900*	37,8	75,8	25 500	62 200	43,2	78,4	23 200	60 400	42,0
44,0	25,7	68,4	25 900	49 700*	33,0	72,8	23 700	58 700	38,9	76,0	21 600	57 000	44,0
46,0	18,0	63,2	24 100	46 900*	27,4	69,3	22 100	55 500	34,2	73,2	20 100	53 800	46,0
48,0					20,3	64,5	20 600	51 500*	28,9	69,8	18 700	51 000	48,0
50,0					8,4	56,0	19 100	42 700*	22,3	65,4	17 400	48 400	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	24 500	69 400									36,0
38,0	57,8	84,4	22 600	64 900									38,0
40,0	54,5	83,0	20 900	60 900									40,0
42,0	51,0	81,4	19 300	57 300									42,0
44,0	47,3	79,6	17 900	54 000	54,5	81,6	14 300	51 200					44,0
46,0	43,4	77,5	16 600	51 100	51,0	80,0	13 100	48 400					46,0
48,0	39,2	75,2	15 400	48 400	47,3	78,2	12 100	45 900					48,0
50,0	34,5	72,4	14 300	46 000	43,4	76,2	11 200	43 500	50,8	78,2	8 100	41 100	50,0
52,0	29,2	69,0	13 200	43 700	39,2	73,8	10 300	41 400	47,1	76,4	7 300	39 100	52,0
54,0	22,7	64,7	12 300	41 600	34,5	71,1	9 500	39 400	43,2	74,4	6 700	37 200	54,0
56,0	13,3	58,2	11 300	39 600	29,2	67,7	8 700	37 500	38,9	72,0	6 000	35 500	56,0
58,0					22,7	63,4	7 900	35 800	34,2	69,2	5 400	33 800	58,0
60,0									28,8	65,8	4 800	32 300	60,0
62,0									22,3	61,4	4 200	30 900	62,0
64,0									12,5	54,5	3 600	29 500	64,0

Liftcrane Luffing Jib Capacities

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

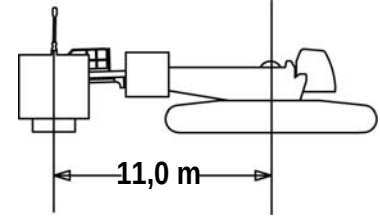
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



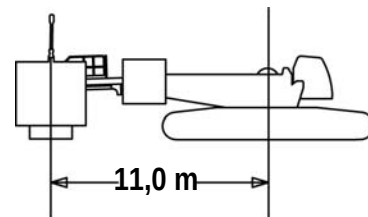
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	74,0	96,9	75 500	106 400*									19,8
20,0	73,8	96,8	74 700	106 000*									20,0
22,0	71,2	96,1	65 900	101 600*									22,0
24,0	68,7	95,4	58 900	96 600*									24,0
26,0	66,1	94,5	53 000	91 200*	69,3	95,3	48 900	104 000*					26,0
28,0	63,4	93,5	48 100	84 200*	66,8	94,4	44 200	102 100					28,0
30,0	60,7	92,4	43 800	78 100*	64,1	93,5	40 300	93 700					30,0
32,0	57,9	91,2	40 100	73 000*	61,4	92,4	36 900	86 400	64,8	93,3	33 600	83 800	32,0
34,0	55,0	89,8	36 900	68 600*	58,6	91,2	33 900	80 100	62,1	92,3	30 800	77 700	34,0
36,0	52,0	88,3	34 100	64 300*	55,8	89,9	31 200	74 700	59,3	91,1	28 400	72 400	36,0
38,0	48,8	86,6	31 600	59 700*	52,8	88,4	28 900	69 800	56,5	89,8	26 200	67 700	38,0
40,0	45,5	84,7	29 300	55 400*	49,7	86,7	26 800	65 500	53,5	88,4	24 200	63 500	40,0
42,0	42,0	82,5	27 300	51 600*	46,4	84,9	24 900	61 700	50,5	86,7	22 400	59 800	42,0
44,0	38,2	80,0	25 400	48 200*	43,0	82,8	23 100	58 200	47,2	84,9	20 800	56 400	44,0
46,0	34,1	77,2	23 800	45 100*	39,3	80,4	21 600	55 000	43,8	82,9	19 400	53 300	46,0
48,0	29,4	73,9	22 200	42 400*	35,2	77,7	20 100	52 000	40,2	80,6	18 000	50 500	48,0
50,0	23,9	69,7	20 700	40 200*	30,7	74,5	18 800	49 000*	36,3	78,0	16 800	47 900	50,0
52,0	16,8	64,0	19 300	38 400*	25,5	70,6	17 500	46 000*	31,9	74,9	15 700	45 600	52,0
54,0					18,9	65,5	16 300	42 800*	26,9	71,2	14 600	43 400	54,0
56,0									20,8	66,5	13 600	41 300	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	20 000	60 100									40,0
42,0	56,6	88,9	18 400	56 600									42,0
44,0	53,7	87,5	17 000	53 400									44,0
46,0	50,6	85,8	15 700	50 400	56,7	87,6	12 200	47 700					46,0
48,0	47,4	84,1	14 600	47 800	53,7	86,1	11 200	45 100					48,0
50,0	44,0	82,0	13 500	45 300	50,6	84,5	10 200	42 800					50,0
52,0	40,4	79,8	12 500	43 100	47,4	82,7	9 400	40 700					52,0
54,0	36,5	77,2	11 600	41 000	44,1	80,7	8 600	38 700	50,5	82,7	5 700	36 400	54,0
56,0	32,2	74,1	10 700	39 100	40,4	78,4	7 900	36 900	47,2	80,9	5 100	34 700	56,0
58,0	27,2	70,5	9 900	37 300	36,5	75,8	7 200	35 200	43,8	78,9	4 500	33 100	58,0
60,0	21,1	65,8	9 100	35 600	32,2	72,8	6 500	33 600	40,2	76,6	4 000	31 600	60,0
62,0	12,4	58,8	8 300	34 000	27,2	69,2	5 900	32 200	36,3	74,0	3 400	30 200	62,0
64,0					21,2	64,5	5 300	30 800	31,9	70,9	2 900	28 900	64,0
66,0									26,9	67,2	2 500	27 700	66,0
68,0									20,7	62,5	2 000	26 500	68,0
70,0									11,6	55,1	1 500	25 400	70,0

Liftcrane Luffing Jib Capacities

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

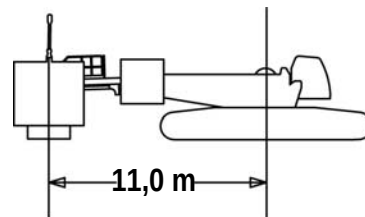
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



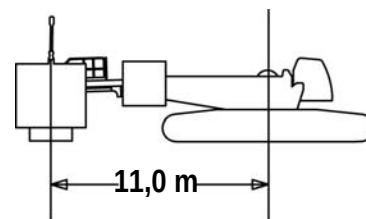
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	62 300	88 300*									22,9
24,0	71,2	101,8	58 500	86 300*									24,0
26,0	68,9	101,0	52 500	82 600*									26,0
28,0	66,6	100,2	47 600	78 700*	69,5	101,0	43 700	85 700*					28,0
30,0	64,2	99,2	43 300	74 500*	67,2	100,1	39 700	85 700*					30,0
32,0	61,8	98,2	39 600	70 200*	64,8	99,2	36 300	85 600*	67,8	99,9	32 900	81 700*	32,0
34,0	59,4	97,0	36 400	65 900*	62,5	98,2	33 300	79 700	65,4	99,0	30 200	77 300	34,0
36,0	56,9	95,7	33 600	61 800*	60,0	97,0	30 700	74 200	63,1	98,0	27 700	71 900	36,0
38,0	54,3	94,3	31 100	57 800*	57,5	95,8	28 300	69 300	60,6	96,9	25 500	67 200	38,0
40,0	51,6	92,8	28 800	54 100*	54,9	94,4	26 200	65 000	58,2	95,7	23 600	63 000	40,0
42,0	48,8	91,0	26 800	50 600*	52,3	92,9	24 300	61 200	55,6	94,3	21 800	59 200	42,0
44,0	45,8	89,1	24 900	47 300*	49,5	91,2	22 600	57 700	53,0	92,9	20 200	55 800	44,0
46,0	42,8	87,0	23 300	44 300*	46,6	89,4	21 000	54 500	50,2	91,2	18 800	52 800	46,0
48,0	39,5	84,7	21 700	41 600*	43,6	87,3	19 600	51 600	47,4	89,4	17 500	50 000	48,0
50,0	35,9	82,0	20 300	39 100*	40,3	85,0	18 300	48 900	44,4	87,4	16 300	47 400	50,0
52,0	32,1	78,9	19 000	36 900*	36,9	82,4	17 100	46 100*	41,2	85,2	15 100	45 100	52,0
54,0	27,7	75,3	17 800	35 000*	33,1	79,5	16 000	43 400*	37,8	82,7	14 100	42 900	54,0
56,0	22,5	70,9	16 600	33 300*	28,9	76,1	14 900	40 900*	34,1	79,8	13 100	40 900	56,0
58,0	15,8	64,8	15 500	32 100*	24,0	71,9	13 900	38 600*	30,0	76,6	12 200	39 100	58,0
60,0					17,8	66,4	12 900	36 000*	25,3	72,6	11 300	37 300	60,0
62,0									19,5	67,5	10 500	35 700	62,0
64,0									11,0	59,7	9 700	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

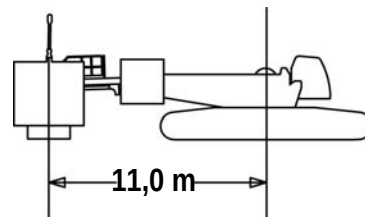
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



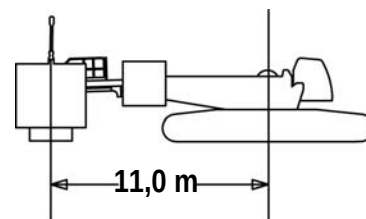
16000 MAX-ER

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

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



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

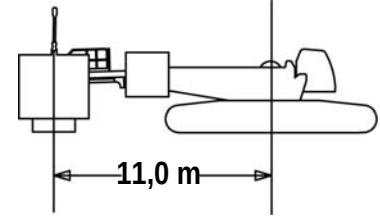
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



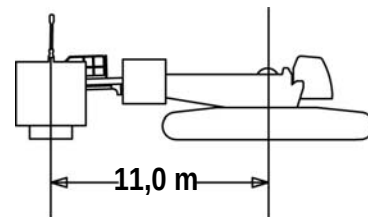
16000 MAX-ER

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

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



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

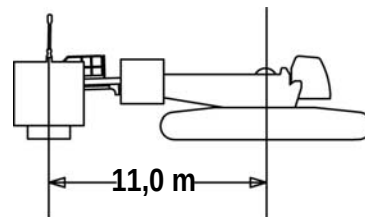
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



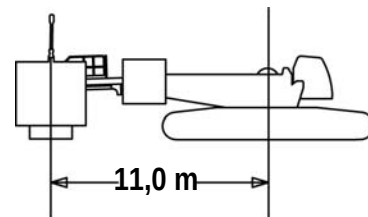
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	71,9	119,1	43 500	52 000*									29,0
30,0	71,0	118,8	41 400	51 800*									30,0
32,0	69,3	118,0	37 700	51 500*									32,0
34,0	67,6	117,2	34 400	50 900*	69,7	117,9	31 100	50 200*					34,0
36,0	65,8	116,3	31 600	49 200*	68,0	117,1	28 400	50 000*					36,0
38,0	64,1	115,4	29 000	47 400*	66,3	116,3	26 100	49 700*					38,0
40,0	62,3	114,3	26 800	45 500*	64,5	115,3	24 000	49 400*	66,7	116,1	21 200	47 700*	40,0
42,0	60,5	113,2	24 700	43 500*	62,8	114,3	22 100	49 100*	65,0	115,2	19 400	47 600*	42,0
44,0	58,6	112,0	22 900	41 600*	60,9	113,2	20 400	48 900*	63,2	114,2	17 800	47 500*	44,0
46,0	56,7	110,7	21 200	39 700*	59,1	112,0	18 800	48 500*	61,4	113,1	16 400	47 400*	46,0
48,0	54,8	109,3	19 700	37 800*	57,2	110,7	17 400	47 100*	59,6	111,9	15 100	47 200	48,0
50,0	52,8	107,8	18 300	36 000*	55,3	109,4	16 100	45 100*	57,7	110,7	13 900	45 700	50,0
52,0	50,7	106,2	17 000	34 300*	53,3	107,9	14 900	43 200*	55,8	109,3	12 800	43 200	52,0
54,0	48,6	104,4	15 900	32 600*	51,3	106,3	13 800	41 300*	53,8	107,9	11 800	41 000	54,0
56,0	46,4	102,6	14 800	31 000*	49,2	104,6	12 800	39 400*	51,8	106,3	10 800	39 100	56,0
58,0	44,2	100,6	13 700	29 600*	47,0	102,8	11 800	37 300*	49,7	104,6	9 900	37 200	58,0
60,0	41,8	98,4	12 800	28 100*	44,8	100,8	10 900	35 300*	47,6	102,8	9 100	35 500	60,0
62,0	39,3	96,0	11 900	26 800*	42,4	98,7	10 100	33 400*	45,3	100,9	8 400	34 000	62,0
64,0	36,7	93,4	11 000	25 600*	40,0	96,3	9 300	31 600*	43,0	98,8	7 700	32 500	64,0
66,0	33,9	90,5	10 200	24 500*	37,4	93,8	8 600	30 000*	40,6	96,5	7 000	31 100	66,0
68,0	30,9	87,2	9 500	23 400*	34,7	91,0	7 900	28 400*	38,1	94,0	6 300	29 800	68,0
70,0	27,6	83,6	8 800	22 500*	31,7	87,8	7 200	26 900*	35,4	91,3	5 700	28 500	70,0
72,0	23,8	79,3	8 100	21 700*	28,5	84,3	6 600	25 600*	32,5	88,2	5 200	27 300	72,0
74,0	19,4	74,1	7 400	21 000*	24,8	80,2	6 000	24 300*	29,3	84,8	4 600	26 000*	74,0
76,0	13,5	67,0	6 800	19 500*	20,6	75,3	5 500	23 000*	25,8	80,9	4 100	24 700*	76,0
78,0					15,3	68,9	4 900	21 100*	21,8	76,2	3 600	23 400*	78,0
80,0									16,8	70,3	3 100	22 100*	80,0
82,0									9,4	61,2	2 500	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

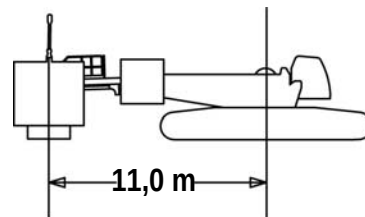
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



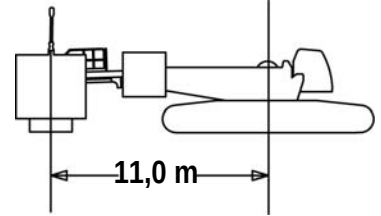
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	71,0	124,4	37 100	43 900*									32,0
34,0	69,4	123,7	33 800	43 500*									34,0
36,0	67,8	122,9	31 000	43 100*	69,8	123,6	27 800	42 400*					36,0
38,0	66,2	122,0	28 400	42 800*	68,2	122,8	25 400	42 200*					38,0
40,0	64,6	121,1	26 200	41 500*	66,6	121,9	23 300	41 900*					40,0
42,0	62,9	120,1	24 100	40 000*	65,0	121,0	21 400	41 700*	67,0	121,7	18 700	40 300*	42,0
44,0	61,3	119,0	22 300	38 500*	63,4	120,0	19 700	41 400*	65,4	120,8	17 100	40 100*	44,0
46,0	59,6	117,8	20 600	37 000*	61,7	119,0	18 200	41 100*	63,8	119,9	15 700	40 000*	46,0
48,0	57,8	116,6	19 100	35 500*	60,0	117,8	16 800	40 800*	62,1	118,8	14 400	39 900*	48,0
50,0	56,1	115,2	17 700	34 000*	58,3	116,6	15 500	40 600*	60,4	117,7	13 200	39 700*	50,0
52,0	54,3	113,8	16 400	32 600*	56,5	115,3	14 300	40 200*	58,7	116,5	12 100	39 500*	52,0
54,0	52,4	112,3	15 200	31 200*	54,7	113,9	13 200	38 700*	57,0	115,2	11 100	39 400*	54,0
56,0	50,5	110,7	14 100	29 800*	52,9	112,4	12 100	37 300*	55,2	113,8	10 100	38 500	56,0
58,0	48,6	108,9	13 100	28 400*	51,0	110,8	11 200	35 800*	53,4	112,4	9 300	36 700	58,0
60,0	46,6	107,1	12 200	27 200*	49,1	109,1	10 300	34 300*	51,5	110,8	8 400	35 000	60,0
62,0	44,5	105,1	11 300	26 000*	47,1	107,3	9 500	32 700*	49,6	109,1	7 700	33 400	62,0
64,0	42,3	102,9	10 400	24 900*	45,0	105,3	8 700	30 900*	47,6	107,3	7 000	31 900	64,0
66,0	40,1	100,6	9 700	23 800*	42,9	103,2	8 000	29 300*	45,6	105,4	6 300	30 500	66,0
68,0	37,7	98,0	8 900	22 800*	40,7	100,9	7 300	27 800*	43,5	103,3	5 700	29 200	68,0
70,0	35,2	95,3	8 200	21 900*	38,3	98,4	6 700	26 400*	41,3	101,1	5 100	28 000	70,0
72,0	32,5	92,2	7 500	21 000*	35,9	95,7	6 000	25 000*	38,9	98,7	4 500	26 800*	72,0
74,0	29,6	88,8	6 900	20 200*	33,2	92,8	5 500	23 800*	36,5	96,0	4 000	25 400*	74,0
76,0	26,5	85,0	6 300	19 500*	30,4	89,5	4 900	22 600*	33,9	93,1	3 500	24 200*	76,0
78,0	22,8	80,5	5 700	18 900*	27,3	85,7	4 400	21 400*	31,1	89,9	3 000	23 000*	78,0
80,0	18,6	75,1	5 200	18 200*	23,8	81,5	3 800	20 400*	28,1	86,3	2 500	21 800*	80,0
82,0		67,7	4 600	16 200*	19,8	76,3	3 300	19 300*	24,8	82,2	2 100	20 700*	82,0
84,0					14,6	69,6	2 900	17 600*	20,9	77,3	1 600	19 600*	84,0
86,0									16,1	71,1	1 200	18 500*	86,0
88,0									9,0	61,7	700	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

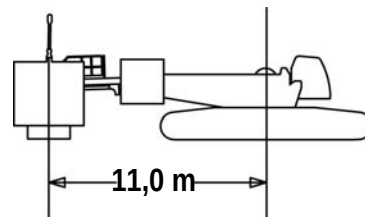
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



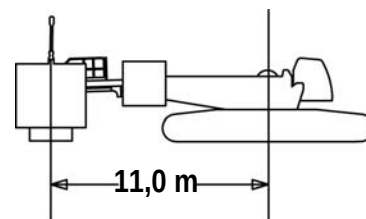
16000 MAX-ER

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

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



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

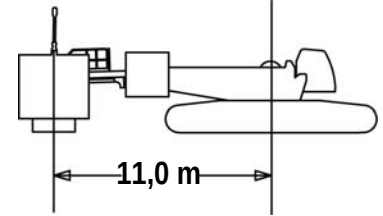
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



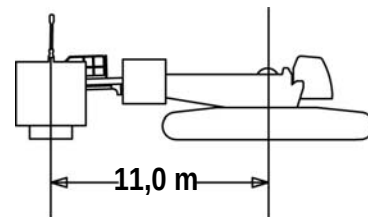
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	121 800	177 500*c									13,7
14,0	73,0	79,7	119 000	174 200*c									14,0
16,0	67,9	78,9	100 100	151 700*c									16,0
18,0	62,5	77,9	86 400	133 800*b									18,0
20,0	56,9	76,6	75 700	120 400*b	64,8	78,0	70 000	155 500b					20,0
22,0	50,8	75,1	67 100	109 900*	59,3	76,8	62 000	139 600b					22,0
24,0	44,2	73,1	60 100	101 800*	53,4	75,4	55 500	124 900	61,6	76,9	50 900	121 400b	24,0
26,0	36,5	70,6	54 200	95 700*	47,0	73,6	50 100	113 100	55,9	75,6	45 900	109 700b	26,0
28,0	26,9	67,1	49 100	91 800*	39,8	71,4	45 500	103 200	49,7	73,9	41 600	100 100	28,0
30,0					31,2	68,4	41 400	94 700	42,9	71,9	38 000	91 900	30,0
32,0					19,1	63,7	37 800	87 400	35,0	69,2	34 700	84 900	32,0
34,0									24,8	65,5	31 800	78 700	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	32 100	87 300b									30,0
32,0	51,7	73,4	29 300	80 600									32,0
34,0	45,1	71,5	26 800	74 800									34,0
36,0	37,6	69,1	24 700	69 700	53,2	72,3	20 000	66 000					36,0
38,0	28,3	65,7	22 700	65 100	46,8	70,5	18 300	61 700					38,0
40,0					39,6	68,2	16 800	57 900					40,0
42,0					30,9	65,2	15 500	54 400	48,0	69,0	11 600	51 400	42,0
44,0					18,6	60,5	14 100	51 200	41,0	66,8	10 600	48 400	44,0
46,0									32,6	63,9	9 600	45 800	46,0
48,0									21,4	59,7	8 700	43 300	48,0

Liftcrane Luffing Jib Capacities

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

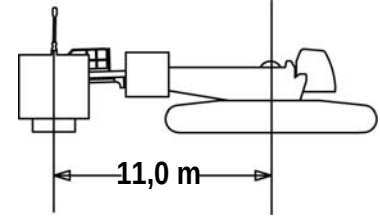
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



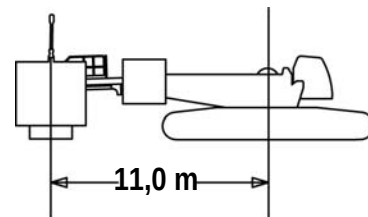
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	94 500	144 100*b									16,8
18,0	68,4	84,5	86 500	133 500*b									18,0
20,0	64,2	83,6	75 600	119 100*b	70,1	84,6	69 700	150 300*b					20,0
22,0	59,8	82,5	67 100	107 900*	66,0	83,7	61 700	139 900b					22,0
24,0	55,2	81,1	60 100	99 100*	61,7	82,7	55 200	124 600					24,0
26,0	50,3	79,5	54 200	91 900*	57,2	81,4	49 800	112 800	63,4	82,6	45 500	109 300b	26,0
28,0	45,0	77,6	49 300	86 100*	52,4	79,9	45 300	102 900	59,0	81,5	41 200	99 700	28,0
30,0	39,1	75,3	45 000	81 600*	47,3	78,1	41 300	94 600	54,4	80,1	37 600	91 600	30,0
32,0	32,3	72,3	41 300	78 200*	41,7	76,0	37 900	87 400	49,4	78,4	34 500	84 600	32,0
34,0	23,8	68,3	38 000	74 000*	35,3	73,3	34 900	81 000	44,0	76,4	31 700	78 600	34,0
36,0					27,7	69,8	32 200	75 500	38,0	74,0	29 200	73 200	36,0
38,0					16,9	64,6	29 600	70 600	31,0	70,9	27 000	68 500	38,0
40,0									21,9	66,6	25 000	64 200	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	28 700	80 100									32,0
34,0	55,8	79,4	26 400	74 300									34,0
36,0	51,0	77,8	24 300	69 300									36,0
38,0	45,7	76,0	22 400	64 800									38,0
40,0	40,0	73,7	20 700	60 800	52,2	76,8	16 300	57 400					40,0
42,0	33,3	70,9	19 100	57 200	47,1	75,0	15 000	54 000					42,0
44,0	25,1	67,1	17 700	54 000	41,5	72,8	13 800	50 900					44,0
46,0					35,1	70,2	12 700	48 200	48,1	73,4	9 100	45 300	46,0
48,0					27,4	66,7	11 700	45 600	42,6	71,3	8 300	42 900	48,0
50,0					16,5	61,3	10 700	43 200	36,3	68,8	7 500	40 700	50,0
52,0									29,0	65,5	6 800	38 700	52,0
54,0									18,9	60,6	6 000	36 800	54,0

Liftcrane Luffing Jib Capacities

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

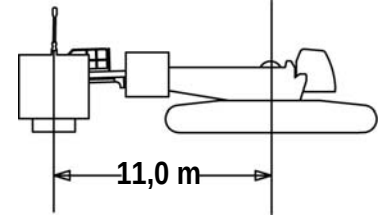
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



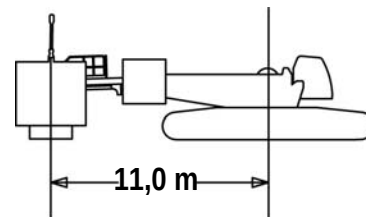
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	84 300	131 300*									18,3
20,0	68,8	90,2	75 200	118 800*									20,0
22,0	65,3	89,3	66 600	107 100*									22,0
24,0	61,7	88,3	59 600	97 700*	66,8	89,4	54 700	123 900					24,0
26,0	58,0	87,0	53 800	90 100*	63,2	88,4	49 200	112 200					26,0
28,0	54,1	85,6	48 800	83 900*	59,5	87,2	44 700	102 400	64,7	88,3	40 500	99 100	28,0
30,0	49,9	84,0	44 600	78 700*	55,7	85,9	40 800	94 000	61,0	87,3	36 900	90 900	30,0
32,0	45,6	82,1	41 000	74 400*	51,7	84,4	37 400	86 900	57,3	86,0	33 700	84 000	32,0
34,0	40,8	79,9	37 700	70 000*	47,4	82,6	34 400	80 600	53,4	84,6	31 000	78 000	34,0
36,0	35,5	77,2	34 900	64 600*	42,8	80,5	31 800	75 100	49,2	82,9	28 600	72 700	36,0
38,0	29,3	73,9	32 300	60 200*	37,8	78,1	29 400	70 300	44,8	80,9	26 500	68 000	38,0
40,0	21,6	69,4	29 900	56 900*	32,0	75,0	27 300	65 900	39,9	78,6	24 500	63 800	40,0
42,0					25,1	71,2	25 300	62 100	34,5	75,9	22 800	60 000	42,0
44,0					15,3	65,3	23 400	56 600	28,1	72,4	21 100	56 600	44,0
46,0									19,9	67,7	19 600	53 500	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	23 400	68 600									36,0
38,0	54,6	83,9	21 500	64 100									38,0
40,0	50,5	82,3	19 900	60 200									40,0
42,0	46,2	80,5	18 400	56 600	55,6	82,8	14 000	53 300					42,0
44,0	41,5	78,3	17 000	53 400	51,6	81,2	12 900	50 200					44,0
46,0	36,2	75,7	15 800	50 500	47,3	79,5	11 900	47 500					46,0
48,0	30,2	72,5	14 600	47 900	42,7	77,4	10 900	45 000					48,0
50,0	22,8	68,2	13 500	45 400	37,6	74,9	10 000	42 700	48,1	77,9	6 600	40 000	50,0
52,0					31,9	71,9	9 200	40 600	43,6	75,9	5 900	38 000	52,0
54,0					24,9	68,0	8 400	38 600	38,6	73,5	5 300	36 200	54,0
56,0					14,9	62,0	7 600	36 700	33,0	70,6	4 700	34 500	56,0
58,0									26,3	66,9	4 100	32 900	58,0
60,0									17,1	61,5	3 500	31 300	60,0

Liftcrane Luffing Jib Capacities

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

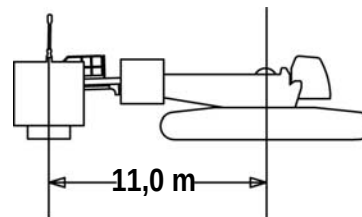
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



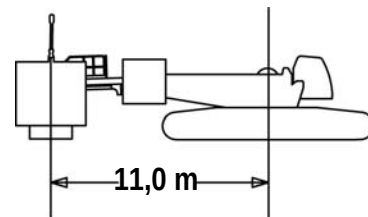
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	75 800	112 800*									19,8
20,0	71,9	96,6	75 000	112 300*									20,0
22,0	69,0	95,9	66 300	106 100*									22,0
24,0	66,1	95,0	59 200	98 000*									24,0
26,0	63,0	94,0	53 400	89 700*	67,3	95,1	48 700	111 800					26,0
28,0	59,9	92,9	48 500	83 100*	64,3	94,1	44 200	101 900					28,0
30,0	56,6	91,6	44 200	77 500*	61,2	93,0	40 300	93 600	65,5	94,1	36 300	90 500	30,0
32,0	53,2	90,1	40 600	72 800*	58,0	91,8	36 900	86 400	62,5	93,0	33 200	83 500	32,0
34,0	49,7	88,5	37 400	67 700*	54,7	90,4	33 900	80 200	59,3	91,9	30 500	77 400	34,0
36,0	46,0	86,6	34 500	62 600*	51,2	88,8	31 300	74 700	56,0	90,5	28 100	72 200	36,0
38,0	41,9	84,4	32 000	58 000*	47,5	87,1	29 000	69 900	52,6	89,1	25 900	67 500	38,0
40,0	37,6	81,9	29 700	53 900*	43,7	85,0	26 900	65 600	49,1	87,3	24 000	63 300	40,0
42,0	32,7	79,0	27 700	50 300*	39,4	82,7	25 000	61 700	45,3	85,4	22 300	59 600	42,0
44,0	27,0	75,3	25 800	47 300*	34,8	79,9	23 200	58 200	41,2	83,2	20 700	56 200	44,0
46,0	19,9	70,5	24 000	45 100*	29,5	76,6	21 700	55 100	36,8	80,7	19 300	53 200	46,0
48,0					23,1	72,4	20 200	52 200	31,8	77,6	17 900	50 400	48,0
50,0					14,1	66,1	18 800	46 800	25,9	73,8	16 700	47 800	50,0
52,0									18,3	68,6	15 500	45 500	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

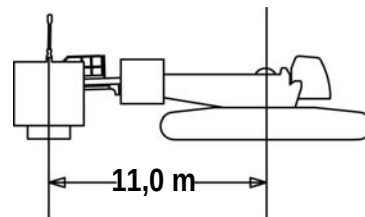
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



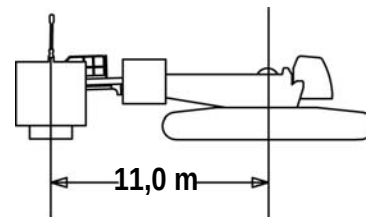
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	68 400	96 700*									21,3
22,0	71,8	102,3	65 800	95 200*									22,0
24,0	69,2	101,5	58 700	90 600*									24,0
26,0	66,6	100,7	52 800	85 500*	70,3	101,5	48 000	98 400*					26,0
28,0	64,0	99,7	47 900	80 300*	67,7	100,7	43 400	97 600*					28,0
30,0	61,3	98,7	43 600	75 100*	65,1	99,8	39 500	93 100					30,0
32,0	58,5	97,4	40 000	70 000*	62,4	98,8	36 200	85 800	66,2	99,7	32 300	82 800	32,0
34,0	55,6	96,1	36 800	65 200*	59,6	97,6	33 200	79 600	63,5	98,7	29 600	76 800	34,0
36,0	52,6	94,6	33 900	60 600*	56,8	96,3	30 600	74 100	60,8	97,7	27 300	71 500	36,0
38,0	49,5	92,9	31 400	56 300*	53,9	94,9	28 300	69 300	58,0	96,4	25 100	66 800	38,0
40,0	46,2	91,1	29 200	52 400*	50,8	93,3	26 200	65 000	55,1	95,1	23 200	62 700	40,0
42,0	42,8	88,9	27 100	48 900*	47,6	91,5	24 300	61 200	52,1	93,5	21 500	59 000	42,0
44,0	39,1	86,6	25 300	45 700*	44,2	89,5	22 600	57 700	48,9	91,8	20 000	55 600	44,0
46,0	35,0	83,8	23 600	42 800*	40,6	87,3	21 100	54 600	45,6	89,9	18 500	52 600	46,0
48,0	30,5	80,6	22 100	40 400*	36,7	84,7	19 700	51 600	42,1	87,8	17 300	49 800	48,0
50,0	25,2	76,7	20 600	38 300*	32,4	81,7	18 300	48 300*	38,4	85,3	16 000	47 300	50,0
52,0	18,5	71,4	19 200	36 700*	27,5	78,1	17 100	45 400*	34,2	82,5	14 900	45 000	52,0
54,0					21,5	73,5	15 900	42 900*	29,6	79,2	13 900	42 800	54,0
56,0					13,1	66,7	14 800	38 800*	24,1	75,1	12 900	40 800	56,0
58,0									17,0	69,5	12 000	38 900	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

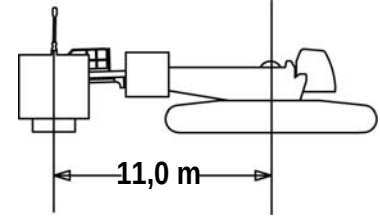
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



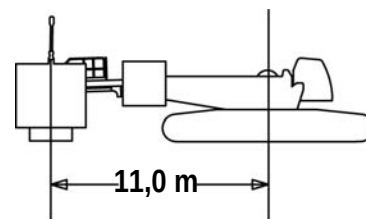
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

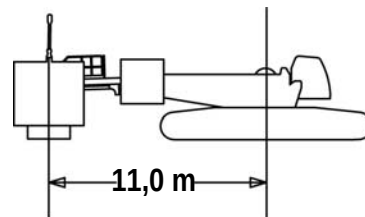
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



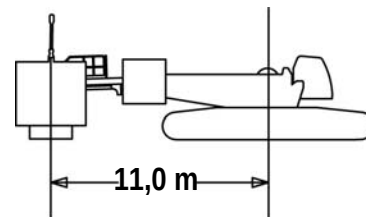
16000 MAX-ER

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

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



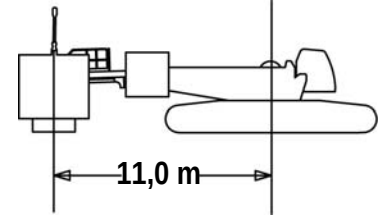
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A
150 590 kg Crane Counterweight
54 430 kg Carbody Counterweight
62 530 kg Hanging Counterweight
at 11,0 m Position
360 Degree Rating



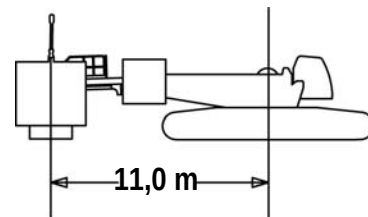
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	73,3	119,9	51 300	59 500*									25,9
26,0	73,3	119,9	51 100	59 500*									26,0
28,0	71,4	119,2	46 100	59 200*									28,0
30,0	69,6	118,5	41 800	58 200*									30,0
32,0	67,7	117,7	38 100	55 900*	70,3	118,5	34 000	57 400*					32,0
34,0	65,8	116,8	34 900	53 600*	68,5	117,7	31 000	57 400*					34,0
36,0	63,9	115,8	32 000	51 300*	66,6	116,9	28 500	57 300*					36,0
38,0	61,9	114,8	29 500	48 900*	64,7	115,9	26 100	57 100*					38,0
40,0	59,9	113,7	27 300	46 500*	62,7	114,9	24 100	56 800*	65,5	115,9	20 900	54 700*	40,0
42,0	57,9	112,4	25 200	44 100*	60,8	113,8	22 200	55 200*	63,5	114,9	19 200	54 700*	42,0
44,0	55,8	111,1	23 400	41 900*	58,7	112,6	20 500	52 800*	61,6	113,8	17 600	53 600	44,0
46,0	53,6	109,6	21 700	39 600*	56,7	111,3	19 000	50 400*	59,6	112,7	16 300	50 700	46,0
48,0	51,4	108,1	20 200	37 500*	54,5	109,9	17 600	48 100*	57,5	111,4	15 000	48 000	48,0
50,0	49,1	106,3	18 800	35 500*	52,4	108,4	16 300	45 700*	55,4	110,0	13 800	45 500	50,0
52,0	46,8	104,5	17 500	33 600*	50,1	106,7	15 100	43 400*	53,3	108,6	12 700	43 200	52,0
54,0	44,3	102,5	16 400	31 800*	47,8	105,0	14 100	41 100*	51,0	107,0	11 700	41 000	54,0
56,0	41,7	100,3	15 300	30 100*	45,4	103,0	13 000	39 000*	48,7	105,2	10 800	39 100	56,0
58,0	39,0	97,9	14 200	28 600*	42,8	100,9	12 100	36 900*	46,4	103,4	10 000	37 300	58,0
60,0	36,1	95,2	13 300	27 200*	40,2	98,6	11 200	35 000*	43,9	101,3	9 200	35 600	60,0
62,0	33,0	92,2	12 400	26 000*	37,4	96,0	10 400	33 100*	41,3	99,1	8 400	34 000	62,0
64,0	29,6	88,9	11 500	24 800*	34,4	93,2	9 600	31 400*	38,5	96,6	7 700	32 500	64,0
66,0	25,8	84,9	10 700	23 800*	31,1	90,0	8 900	29 900*	35,6	93,9	7 100	31 200	66,0
68,0	21,3	80,2	9 900	23 000*	27,4	86,3	8 200	28 500*	32,4	90,9	6 400	29 900	68,0
70,0	15,6	74,0	9 200	22 400*	23,3	82,0	7 500	27 300*	29,0	87,4	5 800	28 600	70,0
72,0					18,2	76,5	6 900	26 000*	25,1	83,4	5 200	27 400	72,0
74,0					11,0	68,5	6 200	22 700*	20,4	78,4	4 700	26 300	74,0
76,0									14,4	71,8	4 100	24 900	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

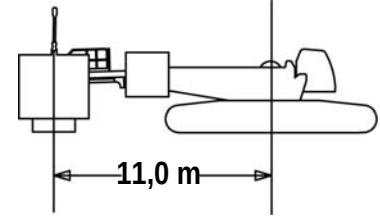
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



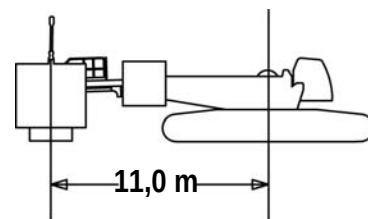
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	72,2	125,3	43 300	50 300*									29,0
30,0	71,4	124,9	41 200	50 200*									30,0
32,0	69,7	124,2	37 400	49 900*									32,0
34,0	67,9	123,4	34 200	48 700*	70,4	124,2	30 300	48 700*					34,0
36,0	66,2	122,5	31 400	46 900*	68,7	123,4	27 700	48 500*					36,0
38,0	64,4	121,6	28 800	45 000*	66,9	122,6	25 400	48 400*					38,0
40,0	62,7	120,5	26 600	43 200*	65,2	121,6	23 300	48 100*	67,6	122,4	20 100	46 300*	40,0
42,0	60,8	119,4	24 600	41 300*	63,4	120,7	21 400	47 900*	65,9	121,6	18 300	46 300*	42,0
44,0	59,0	118,2	22 800	39 500*	61,6	119,6	19 800	47 600*	64,1	120,6	16 800	46 300*	44,0
46,0	57,1	117,0	21 100	37 600*	59,8	118,4	18 200	46 800*	62,3	119,6	15 500	46 200*	46,0
48,0	55,2	115,6	19 500	35 800*	57,9	117,2	16 900	45 000*	60,5	118,4	14 200	46 100*	48,0
50,0	53,2	114,1	18 200	34 100*	56,0	115,8	15 600	43 200*	58,7	117,2	13 000	44 900	50,0
52,0	51,2	112,5	16 900	32 500*	54,0	114,4	14 400	41 300*	56,8	115,9	12 000	42 500	52,0
54,0	49,1	110,8	15 700	30 900*	52,0	112,9	13 300	39 500*	54,8	114,5	11 000	40 400	54,0
56,0	46,9	109,0	14 600	29 400*	49,9	111,2	12 300	37 700*	52,8	113,1	10 100	38 500	56,0
58,0	44,7	107,0	13 600	27 900*	47,8	109,4	11 400	35 900*	50,8	111,4	9 200	36 700	58,0
60,0	42,3	104,8	12 600	26 600*	45,6	107,5	10 500	34 200*	48,7	109,7	8 400	35 000	60,0
62,0	39,9	102,5	11 700	25 300*	43,3	105,4	9 700	32 500*	46,5	107,8	7 700	33 400	62,0
64,0	37,3	99,9	10 900	24 200*	40,9	103,2	8 900	31 000*	44,3	105,8	7 000	31 900	64,0
66,0	34,5	97,1	10 100	23 100*	38,4	100,7	8 200	29 500*	41,9	103,6	6 300	30 600	66,0
68,0	31,6	93,9	9 400	22 200*	35,7	98,0	7 500	28 100*	39,4	101,3	5 700	29 300	68,0
70,0	28,3	90,4	8 700	21 300*	32,8	95,0	6 900	26 800*	36,8	98,7	5 100	28 000	70,0
72,0	24,6	86,2	8 000	20 500*	29,7	91,6	6 300	25 600*	34,0	95,8	4 600	26 900	72,0
74,0	20,4	81,3	7 300	19 900*	26,2	87,7	5 700	24 500*	31,0	92,6	4 000	25 800	74,0
76,0	14,9	74,7	6 700	19 400*	22,3	83,2	5 100	23 500*	27,7	88,9	3 500	24 800	76,0
78,0					17,4	77,4	4 600	21 900*	23,9	84,7	3 100	23 800	78,0
80,0					10,5	69,0	4 000	18 800*	19,5	79,5	2 600	22 800	80,0
82,0									13,8	72,5	2 100	21 000*	82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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												48,0
50,0												50,0
52,0	61,1	117,7	7 900	39 400								52,0
54,0	59,2	116,5	7 100	37 400								54,0
56,0	57,4	115,2	6 300	35 600								56,0
58,0	55,4	113,9	5 600	33 900								58,0
60,0	53,5	112,4	4 900	32 300								60,0
62,0	51,4	110,8	4 300	30 800	55,9	112,7	1 000	28 300				62,0
64,0	49,4	109,2	3 800	29 400	54,0	111,3		27 000				64,0
66,0	47,2	107,3	3 200	28 100	52,0	109,7		25 800				66,0
68,0	45,0	105,4	2 700	26 900	49,9	108,1		24 600				68,0
70,0	42,6	103,2	2 200	25 800	47,8	106,3		23 600				70,0
72,0	40,2	100,9	1 700	24 700	45,5	104,4		22 600	50,3	106,5	20 500	72,0
74,0	37,6	98,4	1 300	23 700	43,2	102,3		21 600	48,1	104,7	19 600	74,0
76,0	34,9	95,6	900	22 700	40,8	100,0		20 700	45,9	102,8	18 700	76,0
78,0	32,0	92,5		21 800	38,3	97,5		19 800	43,7	100,8	17 900	78,0
80,0	28,8	89,0		20 900	35,6	94,8		19 100	41,3	98,6	17 200	80,0
82,0	25,2	84,9		20 100	32,7	91,8		18 300	38,8	96,1	16 400	82,0
84,0	21,0	80,1		19 300	29,6	88,4		17 500	36,1	93,4	15 700*	84,0
86,0	15,8	73,9		18 600	26,1	84,5		16 800	33,3	90,5	15 000*	86,0
88,0	7,4	63,5		17 800	22,1	79,9		16 100	30,2	87,2	14 300*	88,0
90,0					17,3	74,1		15 500	26,8	83,4	13 600*	90,0
92,0					10,2	65,6		14 800	22,9	78,9	13 000*	92,0
94,0									18,2	73,4	12 300*	94,0
96,0									11,8	65,6	11 700*	96,0

Liftcrane Luffing Jib Capacities

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

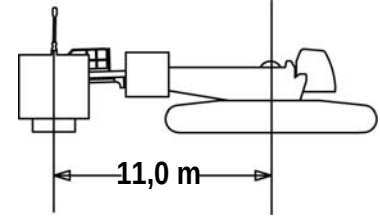
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



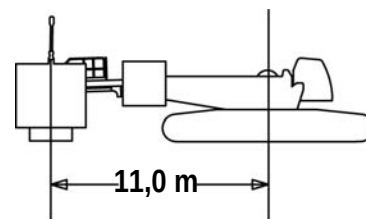
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	71,3	130,6	36 800	42 600*									32,0
34,0	69,7	129,8	33 600	42 300*									34,0
36,0	68,1	129,0	30 700	42 000*									36,0
38,0	66,5	128,2	28 200	41 000*	68,8	129,1	24 700	41 100*					38,0
40,0	64,9	127,2	26 000	39 600*	67,2	128,2	22 600	40 900*					40,0
42,0	63,3	126,3	24 000	38 100*	65,6	127,3	20 800	40 700*					42,0
44,0	61,6	125,2	22 100	36 700*	64,0	126,4	19 100	40 500*	66,3	127,2	16 100	39 100*	44,0
46,0	59,9	124,0	20 500	35 200*	62,3	125,3	17 600	40 200*	64,6	126,3	14 700	39 100*	46,0
48,0	58,2	122,8	18 900	33 700*	60,6	124,2	16 200	40 000*	63,0	125,3	13 500	39 000*	48,0
50,0	56,4	121,5	17 500	32 300*	58,9	123,0	14 900	39 800*	61,3	124,2	12 300	38 800*	50,0
52,0	54,7	120,1	16 300	30 800*	57,2	121,7	13 800	38 600*	59,6	123,0	11 200	38 700*	52,0
54,0	52,8	118,6	15 100	29 500*	55,4	120,4	12 700	37 100*	57,9	121,8	10 300	38 600*	54,0
56,0	50,9	117,0	14 000	28 100*	53,6	118,9	11 700	35 600*	56,1	120,5	9 400	37 900	56,0
58,0	49,0	115,3	13 000	26 900*	51,7	117,4	10 800	34 200*	54,3	119,1	8 500	36 100	58,0
60,0	47,0	113,4	12 000	25 700*	49,8	115,7	9 900	32 800*	52,5	117,5	7 700	34 400	60,0
62,0	44,9	111,5	11 100	24 500*	47,8	113,9	9 100	31 400*	50,6	115,9	7 000	32 800	62,0
64,0	42,8	109,3	10 300	23 400*	45,8	112,0	8 300	30 000*	48,7	114,2	6 300	31 400	64,0
66,0	40,6	107,1	9 500	22 400*	43,7	109,9	7 600	28 700*	46,6	112,3	5 700	30 000	66,0
68,0	38,2	104,6	8 800	21 500*	41,5	107,7	6 900	27 400*	44,6	110,3	5 100	28 700	68,0
70,0	35,7	101,9	8 100	20 600*	39,2	105,3	6 300	26 200*	42,4	108,2	4 500	27 500	70,0
72,0	33,1	98,9	7 400	19 800*	36,8	102,7	5 700	25 100*	40,2	105,8	3 900	26 400	72,0
74,0	30,3	95,6	6 800	19 100*	34,2	99,8	5 100	24 100*	37,8	103,3	3 400	25 300	74,0
76,0	27,1	91,8	6 200	18 400*	31,5	96,7	4 500	23 000*	35,3	100,6	2 900	24 300	76,0
78,0	23,6	87,5	5 600	17 800*	28,5	93,1	4 100	21 800*	32,6	97,5	2 400	23 300	78,0
80,0	19,5	82,3	5 000	17 300*	25,2	89,1	3 500	20 800*	29,7	94,2	2 000	22 300	80,0
82,0	14,3	75,5	4 500	16 400*	21,4	84,3	3 100	19 700*	26,6	90,3	1 600	21 300*	82,0
84,0					16,7	78,3	2 600	18 200*	23,0	85,9	1 100	20 200*	84,0
86,0					10,1	69,5	2 100	15 500*	18,7	80,4		19 200*	86,0
88,0									13,2	73,2		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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

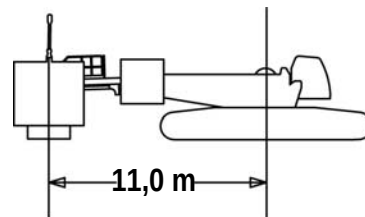
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



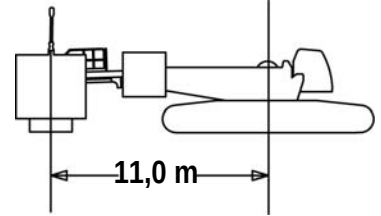
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	70,5	135,8	31 300	36 000*									35,1
36,0	69,8	135,5	30 000	35 900*									36,0
38,0	68,3	134,7	27 500	35 600*									38,0
40,0	66,8	133,9	25 200	35 200*	68,9	134,7	21 800	34 800*					40,0
42,0	65,3	132,9	23 200	34 700*	67,5	133,9	20 000	34 600*					42,0
44,0	63,8	132,0	21 400	33 600*	66,0	133,0	18 300	34 400*					44,0
46,0	62,3	130,9	19 700	32 400*	64,5	132,1	16 800	34 100*	66,6	132,9	13 800	33 000*	46,0
48,0	60,7	129,8	18 200	31 300*	62,9	131,1	15 400	33 800*	65,1	132,0	12 600	32 900*	48,0
50,0	59,1	128,6	16 800	30 100*	61,4	130,0	14 100	33 600*	63,5	131,0	11 500	32 800*	50,0
52,0	57,5	127,4	15 500	28 900*	59,8	128,8	13 000	33 300*	62,0	129,9	10 400	32 600*	52,0
54,0	55,9	126,0	14 300	27 800*	58,2	127,6	11 900	33 000*	60,4	128,8	9 400	32 500*	54,0
56,0	54,2	124,6	13 200	26 700*	56,6	126,3	10 900	32 800*	58,9	127,6	8 500	32 300*	56,0
58,0	52,5	123,1	12 200	25 600*	54,9	124,9	9 900	32 000*	57,2	126,4	7 700	32 100*	58,0
60,0	50,7	121,5	11 300	24 600*	53,2	123,4	9 100	30 900*	55,6	125,0	6 900	31 900*	60,0
62,0	48,9	119,8	10 400	23 500*	51,5	121,8	8 300	29 800*	53,9	123,6	6 200	31 700*	62,0
64,0	47,1	117,9	9 600	22 500*	49,7	120,2	7 500	28 600*	52,2	122,0	5 500	30 700	64,0
66,0	45,2	116,0	8 800	21 600*	47,9	118,4	6 800	27 500*	50,4	120,4	4 800	29 300	66,0
68,0	43,2	113,9	8 000	20 800*	46,0	116,5	6 100	26 400*	48,6	118,7	4 200	28 100	68,0
70,0	41,2	111,6	7 400	19 900*	44,0	114,4	5 500	25 400*	46,8	116,8	3 700	26 900	70,0
72,0	39,0	109,2	6 700	19 100*	42,0	112,2	4 900	24 400*	44,8	114,8	3 100	25 700	72,0
74,0	36,8	106,6	6 100	18 400*	39,9	109,9	4 300	23 400*	42,8	112,7	2 600	24 700	74,0
76,0	34,4	103,7	5 500	17 700*	37,7	107,4	3 800	22 300*	40,8	110,4	2 100	23 600	76,0
78,0	31,8	100,6	5 000	17 100*	35,4	104,6	3 300	21 200*	38,6	108,0	1 700	22 700	78,0
80,0	29,1	97,1	4 400	16 500*	32,9	101,6	2 800	20 100*	36,3	105,3	1 200	21 700	80,0
82,0	26,1	93,2	3 900	16 000*	30,3	98,3	2 300	19 100*	33,9	102,4	800	20 700*	82,0
84,0	22,8	88,7	3 400	15 600*	27,4	94,6	1 900	18 100*	31,4	99,2		19 600*	84,0
86,0	18,8	83,3	2 900	15 000*	24,2	90,3	1 400	17 200*	28,6	95,7		18 600*	86,0
88,0	13,8	76,2	2 400	13 300*	20,5	85,3	1 000	16 200*	25,6	91,7		17 600*	88,0
90,0					16,1	79,1		14 800*	22,1	87,0		16 700*	90,0
92,0					9,7	70,0		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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

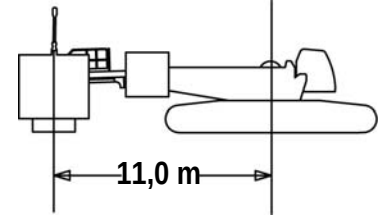
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



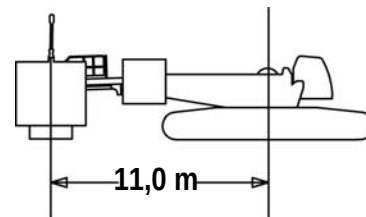
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	106 400	154 000*c									15,2
16,0	69,0	85,0	100 400	146 800*c									16,0
18,0	63,7	84,1	86 200	129 800*b									18,0
20,0	58,1	82,9	75 500	117 100*b	66,7	84,3	68 900	148 100*c					20,0
22,0	52,1	81,4	67 000	107 200*b	61,3	83,2	61 000	138 000*b					22,0
24,0	45,6	79,5	59 900	99 300*	55,6	81,9	54 600	124 200*b	64,4	83,4	49 300	119 900*b	24,0
26,0	38,2	77,1	54 000	93 400*	49,4	80,3	49 300	112 400	58,9	82,2	44 400	108 400*b	26,0
28,0	29,1	73,9	49 000	89 400*	42,6	78,2	44 700	102 500	53,0	80,7	40 200	98 900*b	28,0
30,0	15,4	68,5	44 500	79 100*	34,6	75,6	40 700	94 100	46,5	78,9	36 700	90 900	30,0
32,0					24,3	71,7	37 200	86 800	39,3	76,6	33 600	83 900	32,0
34,0									30,5	73,6	30 800	77 800	34,0
36,0									17,9	68,7	28 200	72 400	36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	27 200	78 900b									32,0
34,0	50,3	78,8	24 900	73 200									34,0
36,0	43,5	76,8	22 900	68 200									36,0
38,0	35,7	74,2	21 000	63 800	53,4	78,0	15 900	59 800b					38,0
40,0	25,8	70,6	19 300	59 800	47,0	76,2	14 600	56 100					40,0
42,0					39,8	73,9	13 400	52 800					42,0
44,0					31,2	70,9	12 200	49 700					44,0
46,0									43,0	72,9	7 100	43 900	46,0
48,0									35,1	70,2	6 400	41 500	48,0
50,0									24,9	66,5	5 600	39 400	50,0

Liftcrane Luffing Jib Capacities

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

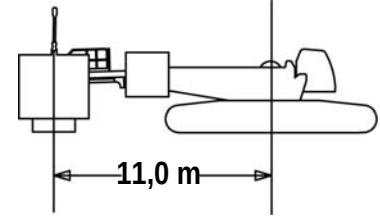
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	94 300	137 300*c									16,8
18,0	69,3	90,7	86 300	128 200*b									18,0
20,0	65,1	89,8	75 400	115 100*b									20,0
22,0	60,7	88,7	66 800	104 600*b	67,5	90,0	60 800	132 100*b					22,0
24,0	56,2	87,4	59 800	96 200*	63,3	89,0	54 300	123 400b					24,0
26,0	51,4	85,9	54 000	89 500*	58,8	87,8	48 900	112 000	65,7	89,1	43 900	108 000b	26,0
28,0	46,2	84,0	49 100	83 900*	54,2	86,4	44 500	102 200	61,3	88,0	39 800	98 500b	28,0
30,0	40,4	81,8	44 800	79 300*	49,2	84,8	40 600	93 900	56,8	86,7	36 300	90 500	30,0
32,0	33,9	79,0	41 100	73 900*	43,8	82,8	37 200	86 700	52,0	85,2	33 200	83 600	32,0
34,0	25,8	75,3	37 800	69 300*	37,8	80,3	34 200	80 500	46,9	83,4	30 600	77 600	34,0
36,0	13,6	69,2	34 700	62 400*	30,7	77,2	31 600	75 000	41,2	81,2	28 200	72 300	36,0
38,0					21,5	72,8	29 100	70 100	34,8	78,5	26 000	67 700	38,0
40,0									27,0	75,0	24 000	63 500	40,0
42,0									15,8	69,5	22 200	59 600	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

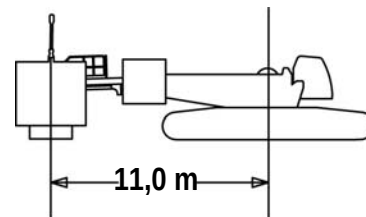
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	24 400	72 800									34,0
36,0	54,8	84,9	22 400	67 800									36,0
38,0	49,8	83,3	20 600	63 400									38,0
40,0	44,5	81,3	19 000	59 500									40,0
42,0	38,6	78,9	17 500	56 000	52,4	82,4	12 800	52 300					42,0
44,0	31,7	75,9	16 200	52 800	47,3	80,7	11 700	49 300					44,0
46,0	22,9	71,8	14 900	49 900	41,7	78,5	10 700	46 600	49,5	79,4	5 800	41 100	46,0
48,0					35,3	75,9	9 800	44 200	44,1	77,4	5 100	38 900	48,0
50,0					27,6	72,4	8 900	41 900					50,0
52,0									38,1	75,0	4 500	37 000	52,0
54,0									31,1	71,9	3 900	35 200	54,0
56,0									22,1	67,6	3 400	33 500	56,0

Liftcrane Luffing Jib Capacities

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

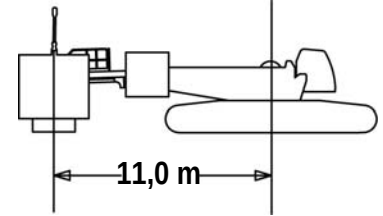
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



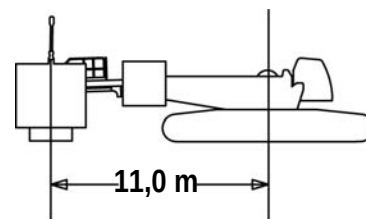
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	72,4	97,0	84 000	117 000*b									18,3
20,0	69,5	96,4	75 000	111 300*b									20,0
22,0	66,0	95,5	66 400	103 600*b									22,0
24,0	62,5	94,5	59 400	94 700*	68,0	95,7	53 700	118 500*b					24,0
26,0	58,8	93,3	53 500	87 600*	64,5	94,7	48 300	111 500					26,0
28,0	54,9	91,9	48 600	81 600*	60,9	93,6	43 800	101 600	66,5	94,7	39 000	97 900b	28,0
30,0	50,8	90,3	44 400	76 100*	57,1	92,4	39 900	93 300	62,9	93,7	35 500	89 800	30,0
32,0	46,5	88,5	40 700	70 200*	53,2	90,9	36 600	86 200	59,3	92,6	32 400	82 900	32,0
34,0	41,8	86,3	37 500	64 900*	49,0	89,2	33 700	80 000	55,4	91,2	29 800	76 900	34,0
36,0	36,7	83,8	34 700	60 300*	44,6	87,3	31 100	74 600	51,4	89,7	27 500	71 700	36,0
38,0	30,7	80,6	32 100	56 400*	39,7	84,9	28 800	69 800	47,1	87,9	25 400	67 100	38,0
40,0	23,4	76,5	29 800	53 400*	34,2	82,2	26 700	65 400	42,5	85,8	23 500	63 000	40,0
42,0					27,8	78,7	24 800	61 600	37,4	83,3	21 800	59 200	42,0
44,0					19,5	73,8	23 000	58 100	31,6	80,2	20 200	55 900	44,0
46,0									24,5	76,3	18 800	52 800	46,0
48,0									14,3	70,2	17 300	50 000	48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	19 700	62 700									38,0
40,0	53,7	89,4	18 100	58 800									40,0
42,0	49,6	87,7	16 800	55 300									42,0
44,0	45,2	85,8	15 500	52 200									44,0
46,0	40,3	83,5	14 300	49 400	51,7	86,9	9 800	45 900					46,0
48,0	35,0	80,8	13 200	46 800	47,4	85,1	8 900	43 400					48,0
50,0	28,7	77,4	12 200	44 400	42,8	83,1	8 100	41 200					50,0
52,0	20,7	72,8	11 200	42 200	37,8	80,6	7 400	39 200	49,2	83,8	3 500	36 200	52,0
54,0					32,0	77,6	6 700	37 300	44,8	81,9	3 000	34 500	54,0
56,0					25,1	73,7	6 000	35 500	40,0	79,6	2 500	32 800	56,0
58,0									34,5	76,8	2 100	31 300	58,0
60,0									28,2	73,4	1 600	29 900	60,0
62,0									20,0	68,7	1 100	28 500	62,0

Liftcrane Luffing Jib Capacities

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

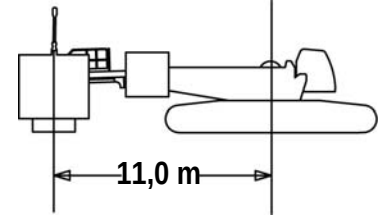
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



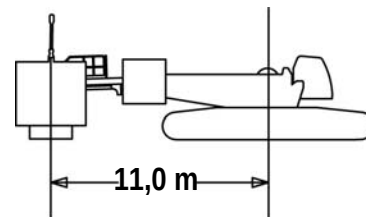
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	72,8	102,8	75 600	100 400*									19,8
20,0	72,5	102,7	74 700	99 900*									20,0
22,0	69,6	102,0	66 000	94 900*									22,0
24,0	66,7	101,2	59 000	89 300*									24,0
26,0	63,6	100,2	53 100	83 600*	68,4	101,3	47 800	102 300*					26,0
28,0	60,5	99,1	48 200	77 900*	65,4	100,4	43 200	97 500*					28,0
30,0	57,3	97,8	44 000	72 400*	62,3	99,4	39 400	92 200*					30,0
32,0	54,0	96,4	40 400	67 200*	59,2	98,2	36 100	85 700	64,1	99,5	31 800	82 400	32,0
34,0	50,5	94,8	37 200	62 300*	55,9	96,9	33 200	79 500	61,0	98,4	29 200	76 400	34,0
36,0	46,8	93,0	34 300	57 900*	52,5	95,4	30 600	74 100	57,7	97,2	26 900	71 200	36,0
38,0	42,8	90,9	31 800	53 800*	48,9	93,7	28 300	69 300	54,4	95,7	24 800	66 600	38,0
40,0	38,5	88,5	29 600	50 200*	45,1	91,8	26 300	65 100	50,9	94,2	22 900	62 500	40,0
42,0	33,8	85,6	27 500	47 100*	41,0	89,5	24 400	60 800*	47,3	92,4	21 300	58 800	42,0
44,0	28,3	82,2	25 600	44 500*	36,6	87,0	22 700	56 600*	43,4	90,3	19 700	55 500	44,0
46,0	21,6	77,6	23 900	42 400*	31,6	83,9	21 100	53 000*	39,1	87,9	18 400	52 500	46,0
48,0					25,6	80,0	19 700	49 900*	34,5	85,2	17 100	49 700	48,0
50,0					17,9	74,7	18 300	47 400*	29,1	81,8	15 900	47 200	50,0
52,0									22,6	77,5	14 700	44 800	52,0
54,0									13,1	70,8	13 600	42 600	54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

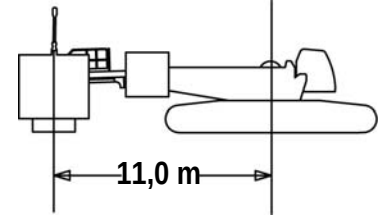
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



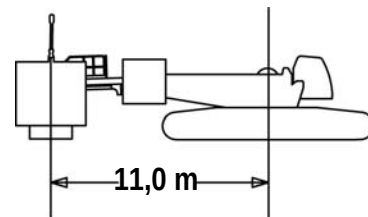
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

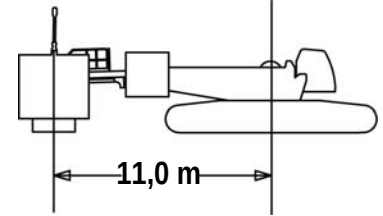
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



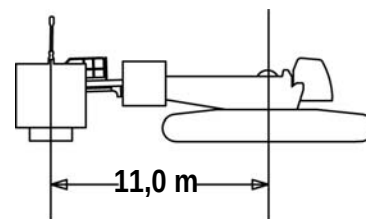
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
22,9	73,4	114,4	61 800	74 900*									22,9
24,0	72,1	114,1	58 000	73 300*									24,0
26,0	69,8	113,3	52 000	70 300*									26,0
28,0	67,6	112,5	47 100	67 000*									28,0
30,0	65,2	111,6	42 900	63 600*	68,9	112,7	38 100	74 500*					30,0
32,0	62,8	110,6	39 200	60 100*	66,6	111,8	34 700	73 700*					32,0
34,0	60,4	109,5	36 000	56 700*	64,2	110,8	31 800	70 700*					34,0
36,0	57,9	108,3	33 200	53 300*	61,8	109,8	29 300	67 500*	65,5	110,9	25 400	69 800	36,0
38,0	55,4	106,9	30 700	50 100*	59,4	108,6	27 000	64 100*	63,2	109,9	23 300	65 400	38,0
40,0	52,7	105,4	28 400	47 000*	56,8	107,3	24 900	60 700*	60,7	108,8	21 500	61 300	40,0
42,0	50,0	103,7	26 400	44 100*	54,2	105,9	23 100	57 300*	58,3	107,6	19 800	57 600	42,0
44,0	47,1	101,9	24 600	41 400*	51,5	104,4	21 500	53 900*	55,7	106,2	18 300	54 300	44,0
46,0	44,1	99,9	23 000	38 900*	48,7	102,6	20 000	50 700*	53,1	104,7	17 000	51 300	46,0
48,0	40,9	97,7	21 400	36 700*	45,8	100,7	18 600	47 700*	50,3	103,1	15 700	48 600	48,0
50,0	37,5	95,1	20 000	34 600*	42,7	98,6	17 300	44 800*	47,5	101,3	14 600	46 100	50,0
52,0	33,7	92,2	18 700	32 800*	39,4	96,3	16 100	42 200*	44,5	99,3	13 500	43 800	52,0
54,0	29,6	88,9	17 500	31 200*	35,9	93,6	15 000	39 700*	41,3	97,1	12 600	41 700	54,0
56,0	24,8	84,9	16 400	29 800*	32,0	90,5	14 000	37 500*	37,9	94,6	11 600	39 800	56,0
58,0	18,9	79,7	15 300	28 800*	27,6	86,9	13 100	35 600*	34,3	91,8	10 800	38 000	58,0
60,0					22,5	82,5	12 100	33 900*	30,2	88,5	10 000	36 300	60,0
62,0					15,7	76,4	11 300	32 600*	25,5	84,6	9 200	34 700	62,0
64,0									19,8	79,6	8 500	33 200	64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

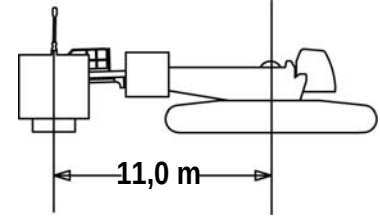
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



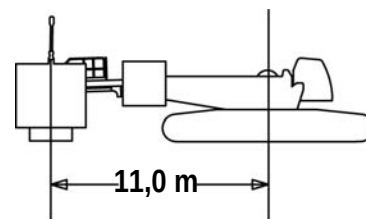
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	73,6	120,2	56 100	64 300*									24,4
26,0	71,9	119,7	51 500	63 300*									26,0
28,0	69,9	119,0	46 500	61 000*									28,0
30,0	67,9	118,2	42 200	58 500*									30,0
32,0	65,8	117,3	38 600	55 800*	69,0	118,3	33 900	62 600*					32,0
34,0	63,6	116,3	35 300	53 200*	67,0	117,5	31 000	62 600*					34,0
36,0	61,5	115,3	32 500	50 400*	64,9	116,6	28 500	61 800*					36,0
38,0	59,3	114,1	30 000	47 700*	62,7	115,5	26 200	59 600*	66,0	116,6	22 400	60 000*	38,0
40,0	57,0	112,8	27 800	45 100*	60,5	114,4	24 200	57 100*	63,9	115,6	20 600	59 600	40,0
42,0	54,7	111,4	25 800	42 600*	58,3	113,2	22 400	54 400*	61,8	114,5	19 000	57 100	42,0
44,0	52,3	109,9	23 900	40 200*	56,0	111,9	20 700	51 700*	59,6	113,4	17 500	53 600	44,0
46,0	49,8	108,2	22 300	37 900*	53,6	110,4	19 200	49 100*	57,3	112,1	16 100	50 600	46,0
48,0	47,2	106,4	20 800	35 800*	51,2	108,8	17 800	46 400*	55,0	110,7	14 900	47 900	48,0
50,0	44,5	104,4	19 400	33 800*	48,7	107,1	16 600	43 900*	52,6	109,2	13 800	45 500	50,0
52,0	41,7	102,2	18 100	31 900*	46,1	105,2	15 400	41 400*	50,1	107,6	12 700	43 200	52,0
54,0	38,7	99,8	16 900	30 300*	43,3	103,2	14 300	39 100*	47,5	105,8	11 800	41 100	54,0
56,0	35,4	97,1	15 800	28 700*	40,4	100,8	13 300	37 000*	44,9	103,8	10 900	39 100	56,0
58,0	31,9	94,0	14 800	27 300*	37,3	98,3	12 400	35 000*	42,1	101,7	10 000	37 300	58,0
60,0	28,0	90,4	13 800	26 200*	34,0	95,4	11 500	33 100*	39,1	99,3	9 300	35 700	60,0
62,0	23,5	86,1	12 900	25 200*	30,3	92,2	10 700	31 500*	35,9	96,6	8 500	34 100	62,0
64,0	17,9	80,6	12 000	24 400*	26,2	88,3	9 900	30 000*	32,4	93,5	7 800	32 700	64,0
66,0					21,3	83,6	9 200	28 800*	28,6	90,0	7 100	31 200	66,0
68,0					14,8	77,2	8 400	27 800*	24,1	85,9	6 500	30 000	68,0
70,0									18,7	80,6	5 900	28 700	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

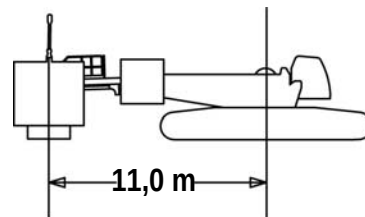
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



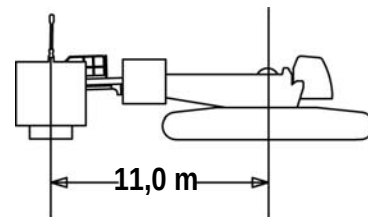
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	72,3	125,6	47 100	54 700*									27,4
28,0	71,8	125,4	45 800	54 400*									28,0
30,0	70,0	124,7	41 500	53 000*									30,0
32,0	68,1	123,9	37 800	51 000*									32,0
34,0	66,2	123,0	34 600	48 900*	69,2	124,0	30 300	53 200*					34,0
36,0	64,3	122,0	31 800	46 800*	67,3	123,2	27 700	53 200*					36,0
38,0	62,3	121,0	29 300	44 700*	65,4	122,2	25 400	53 200*					38,0
40,0	60,3	119,9	27 000	42 600*	63,5	121,3	23 400	52 600*	66,5	122,2	19 700	51 000*	40,0
42,0	58,3	118,7	25 000	40 500*	61,5	120,2	21 600	50 500*	64,5	121,3	18 100	51 000*	42,0
44,0	56,2	117,3	23 200	38 400*	59,5	119,0	19 900	48 500*	62,6	120,3	16 600	51 000*	44,0
46,0	54,1	115,9	21 500	36 500*	57,4	117,8	18 400	46 400*	60,6	119,2	15 200	50 100	46,0
48,0	51,9	114,4	20 000	34 500*	55,3	116,4	17 000	44 300*	58,6	118,0	14 000	47 200	48,0
50,0	49,6	112,7	18 700	32 800*	53,2	114,9	15 800	42 200*	56,5	116,7	12 900	44 800	50,0
52,0	47,3	110,9	17 300	31 000*	50,9	113,3	14 600	40 200*	54,4	115,2	11 900	42 500	52,0
54,0	44,8	108,9	16 200	29 500*	48,6	111,6	13 500	38 100*	52,2	113,7	10 900	40 400	54,0
56,0	42,3	106,7	15 100	28 000*	46,3	109,7	12 600	36 200*	49,9	112,1	10 000	38 500	56,0
58,0	39,6	104,4	14 100	26 600*	43,8	107,7	11 600	34 400*	47,6	110,3	9 200	36 700	58,0
60,0	36,8	101,8	13 100	25 400*	41,2	105,4	10 800	32 600*	45,2	108,3	8 400	35 000	60,0
62,0	33,7	98,9	12 200	24 200*	38,4	103,0	9 900	31 000*	42,6	106,2	7 700	33 400	62,0
64,0	30,4	95,6	11 400	23 200*	35,5	100,2	9 200	29 500*	40,0	103,9	7 000	32 000	64,0
66,0	26,6	91,8	10 600	22 300*	32,3	97,2	8 500	28 100*	37,2	101,3	6 400	30 600	66,0
68,0	22,3	87,3	9 800	21 600*	28,8	93,7	7 800	26 800*	34,1	98,4	5 700	29 300	68,0
70,0	17,0	81,4	9 100	21 000*	24,9	89,6	7 200	25 700*	30,8	95,2	5 200	28 100	70,0
72,0					20,2	84,7	6 500	24 700*	27,2	91,5	4 600	27 000	72,0
74,0					14,1	77,9	5 900	23 700*	23,0	87,1	4 100	25 900	74,0
76,0									17,8	81,5	3 600	24 900	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	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	
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											48,0
50,0	61,7	118,6	8 200	41 100							50,0
52,0	59,7	117,4	7 300	39 000							52,0
54,0	57,7	116,2	6 500	37 000							54,0
56,0	55,6	114,8	5 800	35 200							56,0
58,0	53,4	113,4	5 100	33 600							58,0
60,0	51,2	111,8	4 500	32 000	56,7	113,9	29 100				60,0
62,0	48,9	110,1	3 900	30 500	54,5	112,5	27 700				62,0
64,0	46,6	108,2	3 400	29 200	52,3	110,9	26 400				64,0
66,0	44,1	106,2	2 900	27 900	50,1	109,3	25 300				66,0
68,0	41,5	104,0	2 400	26 700	47,8	107,5	24 200				68,0
70,0	38,8	101,6	1 900	25 600	45,4	105,6	23 100	51,1	107,9	20 700	70,0
72,0	35,9	98,9	1 500	24 600	42,8	103,5	22 200	48,8	106,2	19 800	72,0
74,0	32,7	95,9	1 000	23 600	40,2	101,2	21 200	46,4	104,3	19 000	74,0
76,0	29,3	92,4	700	22 600	37,4	98,6	20 400	43,9	102,3	18 100	76,0
78,0	25,4	88,5		21 700	34,3	95,7	19 500	41,3	100,1	17 400	78,0
80,0	20,9	83,6		20 800	31,1	92,6	18 700	38,6	97,6	16 600*	80,0
82,0	15,0	77,2		20 000	27,4	88,9	18 000	35,6	94,9	15 800*	82,0
84,0					23,3	84,5	17 200	32,5	91,9	15 100*	84,0
86,0					18,2	79,1	16 500	29,0	88,4	14 400*	86,0
88,0					11,0	71,0	15 800	25,1	84,4	13 700*	88,0
90,0								20,5	79,4	13 000*	90,0
92,0								14,5	72,8	12 400*	92,0

Liftcrane Luffing Jib Capacities

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

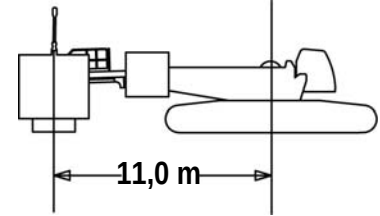
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



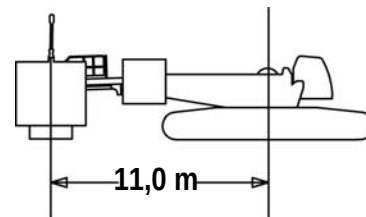
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	71,3	130,9	39 900	46 700*									30,5
32,0	70,0	130,3	37 200	46 000*									32,0
34,0	68,3	129,5	33 900	44 500*									34,0
36,0	66,6	128,7	31 100	42 900*	69,3	129,6	26 900	45 400*					36,0
38,0	64,8	127,7	28 600	41 300*	67,6	128,8	24 600	45 300*					38,0
40,0	63,0	126,7	26 400	39 600*	65,8	127,9	22 600	45 100*					40,0
42,0	61,2	125,7	24 300	37 900*	64,1	127,0	20 800	45 000*	66,8	127,9	17 300	43 300*	42,0
44,0	59,4	124,5	22 500	36 200*	62,3	125,9	19 200	44 600*	65,1	127,0	15 700	43 300*	44,0
46,0	57,5	123,2	20 900	34 600*	60,4	124,8	17 600	43 100*	63,3	126,0	14 400	43 300*	46,0
48,0	55,6	121,9	19 400	33 000*	58,6	123,6	16 300	41 500*	61,5	124,9	13 200	43 300*	48,0
50,0	53,6	120,4	18 000	31 400*	56,7	122,3	15 000	39 800*	59,6	123,8	12 100	43 300*	50,0
52,0	51,6	118,8	16 700	29 900*	54,7	120,9	13 900	38 200*	57,8	122,5	11 100	41 900	52,0
54,0	49,5	117,2	15 500	28 500*	52,8	119,4	12 800	36 600*	55,8	121,2	10 100	39 700	54,0
56,0	47,4	115,3	14 400	27 100*	50,7	117,8	11 800	34 900*	53,9	119,7	9 200	37 800	56,0
58,0	45,1	113,4	13 400	25 800*	48,6	116,1	10 900	33 300*	51,9	118,2	8 400	36 000	58,0
60,0	42,8	111,3	12 500	24 600*	46,4	114,2	10 100	31 800*	49,8	116,5	7 600	34 400	60,0
62,0	40,4	109,0	11 600	23 500*	44,2	112,2	9 200	30 300*	47,7	114,7	6 900	32 800	62,0
64,0	37,8	106,5	10 700	22 500*	41,8	110,0	8 500	28 900*	45,4	112,8	6 300	31 400	64,0
66,0	35,1	103,7	10 000	21 500*	39,3	107,6	7 800	27 500*	43,1	110,7	5 600	30 000	66,0
68,0	32,2	100,6	9 200	20 600*	36,7	105,0	7 100	26 300*	40,7	108,4	5 000	28 700	68,0
70,0	29,0	97,1	8 500	19 900*	33,9	102,1	6 500	25 100*	38,2	105,9	4 500	27 500	70,0
72,0	25,5	93,2	7 900	19 200*	30,9	98,8	5 900	24 100*	35,5	103,2	3 900	26 400	72,0
74,0	21,3	88,4	7 200	18 600*	27,5	95,2	5 300	23 100*	32,6	100,2	3 400	25 400	74,0
76,0	16,2	82,3	6 600	18 200*	23,8	90,9	4 800	22 200*	29,5	96,8	2 900	24 300	76,0
78,0					19,3	85,7	4 200	21 400*	26,0	92,9	2 500	23 400	78,0
80,0					13,5	78,6	3 700	20 200*	21,9	88,2	2 000	22 400	80,0
82,0									17,0	82,4	1 600	21 600	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

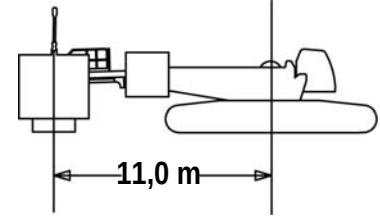
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



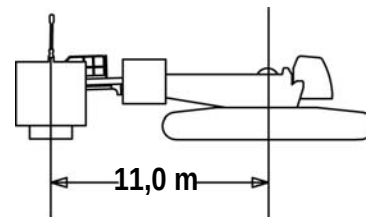
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	70,4	136,1	34 100	39 800*									33,5
34,0	70,1	136,0	33 400	39 700*									34,0
36,0	68,5	135,2	30 500	39 000*									36,0
38,0	66,9	134,4	28 000	37 700*	69,4	135,3	24 000	38 700*					38,0
40,0	65,3	133,4	25 700	36 400*	67,8	134,5	21 900	38 600*					40,0
42,0	63,6	132,5	23 700	35 000*	66,2	133,6	20 100	38 400*					42,0
44,0	62,0	131,4	21 900	33 700*	64,6	132,7	18 400	38 300*					44,0
46,0	60,3	130,3	20 200	32 300*	62,9	131,7	16 900	38 100*	65,5	132,7	13 700	36 900*	46,0
48,0	58,6	129,1	18 700	31 000*	61,3	130,6	15 600	37 900*	63,9	131,7	12 500	36 900*	48,0
50,0	56,8	127,8	17 300	29 700*	59,6	129,4	14 300	37 000*	62,2	130,7	11 300	36 800*	50,0
52,0	55,0	126,4	16 100	28 400*	57,8	128,2	13 200	35 700*	60,5	129,6	10 300	36 800*	52,0
54,0	53,2	124,9	14 900	27 200*	56,1	126,8	12 100	34 400*	58,8	128,4	9 400	36 700*	54,0
56,0	51,3	123,3	13 800	25 900*	54,3	125,4	11 200	33 000*	57,1	127,1	8 500	36 600*	56,0
58,0	49,4	121,6	12 800	24 800*	52,4	123,9	10 300	31 700*	55,3	125,7	7 700	35 400	58,0
60,0	47,4	119,8	11 800	23 700*	50,5	122,3	9 400	30 400*	53,5	124,2	6 900	33 800	60,0
62,0	45,4	117,9	11 000	22 700*	48,6	120,5	8 600	29 100*	51,6	122,7	6 200	32 300	62,0
64,0	43,3	115,8	10 200	21 700*	46,6	118,7	7 800	27 900*	49,7	121,0	5 600	30 800	64,0
66,0	41,0	113,5	9 300	20 700*	44,5	116,7	7 100	26 700*	47,7	119,2	4 900	29 400	66,0
68,0	38,7	111,1	8 600	19 900*	42,3	114,5	6 500	25 500*	45,7	117,3	4 300	28 200	68,0
70,0	36,3	108,4	7 900	19 100*	40,1	112,2	5 900	24 500*	43,5	115,2	3 800	27 000	70,0
72,0	33,7	105,5	7 300	18 400*	37,7	109,6	5 300	23 400*	41,3	113,0	3 300	25 900	72,0
74,0	30,9	102,3	6 700	17 700*	35,2	106,9	4 700	22 500*	39,0	110,6	2 800	24 800	74,0
76,0	27,8	98,6	6 100	17 100*	32,5	103,8	4 200	21 600*	36,6	107,9	2 300	23 800	76,0
78,0	24,4	94,4	5 500	16 600*	29,6	100,4	3 700	20 800*	34,0	105,1	1 800	22 900	78,0
80,0	20,5	89,5	4 900	16 200*	26,4	96,6	3 200	20 000*	31,3	101,9	1 400	21 900	80,0
82,0	15,6	83,1	4 400	15 900*	22,8	92,1	2 700	19 300*	28,3	98,3	1 000	21 100	82,0
84,0					18,5	86,6	2 300	18 700*	24,9	94,2		20 200	84,0
86,0					12,9	79,2	1 800	16 800*	21,0	89,3		19 500	86,0
88,0									16,3	83,2		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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

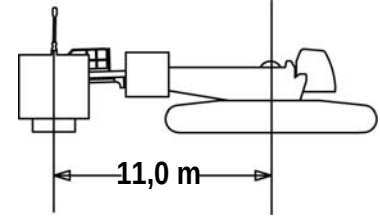
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



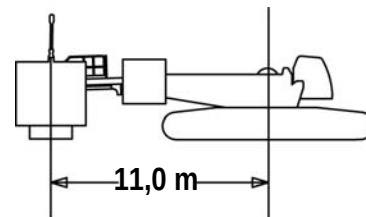
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

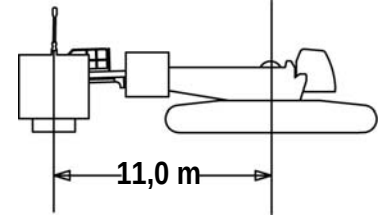
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



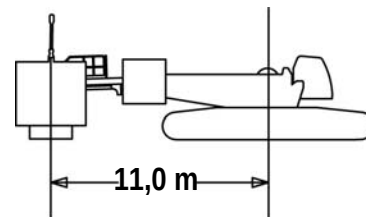
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
15,2	72,0	91,5	106 300	134 800*d									15,2
16,0	70,0	91,2	100 200	132 500*d									16,0
18,0	64,8	90,3	86 000	123 800*b									18,0
20,0	59,3	89,1	75 300	112 100*b	68,7	90,6	67 900	132 800*c					20,0
22,0	53,4	87,7	66 800	102 800*b	63,3	89,6	60 100	127 400*b					22,0
24,0	47,0	85,9	59 700	95 600*	57,8	88,4	53 700	121 200*b					24,0
26,0	39,8	83,7	53 900	89 900*	51,8	86,9	48 500	111 400	61,8	88,7	42 900	107 200b	26,0
28,0	31,2	80,7	48 900	85 600*	45,2	85,0	44 000	101 800	56,1	87,4	38 900	97 800b	28,0
30,0	19,1	76,0	44 400	81 700*	37,7	82,6	40 100	93 500	50,0	85,8	35 500	89 800	30,0
32,0					28,5	79,3	36 700	86 300	43,2	83,8	32 500	83 000	32,0
34,0									35,3	81,2	29 800	77 000	34,0
36,0									25,3	77,5	27 300	71 700	36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	60,8	87,2	25 300	77 300 ^b									32,0
34,0	55,1	85,8	23 100	71 800 ^b									34,0
36,0	48,8	84,2	21 200	66 900									36,0
38,0	41,9	82,1	19 500	62 600									38,0
40,0	33,7	79,3	17 900	58 700	53,6	83,7	12 500	54 500 ^b					40,0
42,0	23,0	75,3	16 400	55 100	47,2	81,9	11 400	51 200					42,0
44,0					40,0	79,6	10 400	48 300	51,5	80,8	4 900	42 100 ^b	44,0
46,0					31,4	76,7	9 400	45 600	44,9	78,9	4 200	39 900	46,0
48,0					19,5	72,1	8 400	43 100					48,0
50,0									37,3	76,4	3 600	37 800	50,0
52,0									28,0	73,1	3 000	35 900	52,0

Liftcrane Luffing Jib Capacities

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

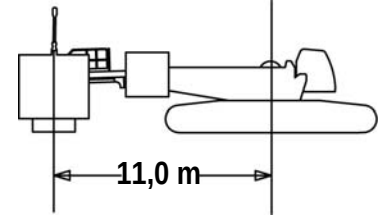
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	94 100	119 600*c									16,8
18,0	70,1	96,9	86 100	115 400*b									18,0
20,0	66,0	96,0	75 200	108 100*b									20,0
22,0	61,7	94,9	66 600	100 300*b	69,0	96,3	59 800	117 200*b					22,0
24,0	57,2	93,7	59 600	92 400*	64,8	95,3	53 400	112 900*b					24,0
26,0	52,4	92,2	53 800	85 900*	60,5	94,2	48 100	108 700*b					26,0
28,0	47,3	90,4	48 900	79 300*	55,9	92,9	43 700	101 200	63,6	94,5	38 500	97 400b	28,0
30,0	41,7	88,3	44 700	73 500*	51,1	91,4	39 800	93 300	59,2	93,3	35 000	89 400	30,0
32,0	35,3	85,6	41 000	68 400*	45,8	89,5	36 500	86 100	54,6	91,9	32 100	82 600	32,0
34,0	27,7	82,2	37 700	64 300*	40,1	87,2	33 600	79 900	49,6	90,3	29 400	76 700	34,0
36,0	16,9	76,9	34 700	61 900*	33,4	84,4	31 000	74 500	44,3	88,3	27 100	71 500	36,0
38,0					25,2	80,6	28 600	69 600	38,3	85,9	25 000	66 800	38,0
40,0									31,3	82,9	23 200	62 700	40,0
42,0									22,4	78,7	21 400	59 000	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

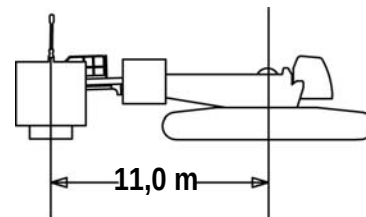
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	20 600	66 400									36,0
38,0	53,7	90,3	18 900	62 100									38,0
40,0	48,7	88,7	17 500	58 300									40,0
42,0	43,2	86,6	16 100	54 900									42,0
44,0	37,1	84,1	14 900	51 800	52,5	88,1	9 800	47 800					44,0
46,0	29,9	80,9	13 700	48 900	47,4	86,4	8 900	45 200					46,0
48,0	20,4	76,3	12 500	46 300	41,8	84,2	8 000	42 800					48,0
50,0					35,5	81,6	7 300	40 600					50,0
52,0					27,9	78,1	6 500	38 600	45,6	83,4	2 500	35 400	52,0
54,0					17,2	72,9	5 800	36 600	39,8	81,1	2 000	33 700	54,0
56,0									33,1	78,2	1 500	32 100	56,0
58,0									24,8	74,4	1 100	30 600	58,0

Liftcrane Luffing Jib Capacities

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

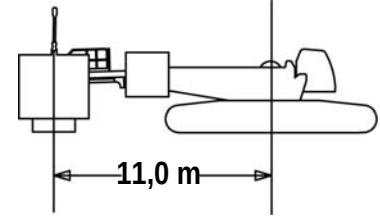
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



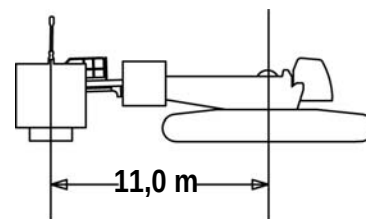
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	73,1	103,1	83 800	102 500*									18,3
20,0	70,2	102,5	74 700	98 000*									20,0
22,0	66,8	101,7	66 100	92 200*									22,0
24,0	63,2	100,7	59 100	86 300*									24,0
26,0	59,5	99,5	53 300	80 300*	65,8	101,0	47 400	99 700*					26,0
28,0	55,7	98,2	48 400	74 700*	62,2	100,0	43 000	94 300*					28,0
30,0	51,7	96,7	44 200	69 300*	58,5	98,8	39 200	88 500*	64,8	100,2	34 200	88 700	30,0
32,0	47,4	94,9	40 600	64 300*	54,6	97,4	35 900	82 700*	61,2	99,1	31 300	81 900	32,0
34,0	42,8	92,8	37 300	59 900*	50,6	95,8	33 000	77 100*	57,4	97,9	28 700	76 000	34,0
36,0	37,8	90,3	34 500	55 900*	46,2	94,0	30 500	71 800*	53,5	96,4	26 400	70 800	36,0
38,0	32,1	87,3	32 000	52 500*	41,5	91,8	28 200	66 900*	49,4	94,8	24 400	66 300	38,0
40,0	25,1	83,5	29 600	49 800*	36,3	89,2	26 100	62 400*	44,9	92,8	22 500	62 200	40,0
42,0	15,3	77,7	27 500	48 300*	30,3	86,0	24 300	58 600*	40,1	90,6	20 900	58 500	42,0
44,0					22,9	81,8	22 500	55 500*	34,7	87,8	19 400	55 200	44,0
46,0									28,4	84,4	18 000	52 200	46,0
48,0									20,3	79,7	16 600	49 400	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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													38,0
40,0	56,8	96,3	16 500	57 500									40,0
42,0	52,8	94,8	15 200	54 100									42,0
44,0	48,6	93,1	14 000	51 100									44,0
46,0	44,1	91,1	12 900	48 300	55,8	94,1	7 900	44 400					46,0
48,0	39,2	88,8	11 900	45 700	51,8	92,6	7 100	42 000					48,0
50,0	33,7	85,9	11 000	43 400	47,5	90,8	6 400	39 900					50,0
52,0	27,1	82,3	10 100	41 300	42,9	88,8	5 700	37 900					52,0
54,0	18,5	77,3	9 200	39 200	37,9	86,3	5 100	36 100	50,4	89,7	900	32 900	54,0
56,0					32,2	83,3	4 500	34 400	46,0	87,9		31 300	56,0
58,0					25,3	79,5	3 900	32 800	41,3	85,7		29 900	58,0
60,0					15,6	73,7	3 300	31 200	36,1	83,1		28 500	60,0
62,0									30,0	79,8		27 200	62,0
64,0									22,5	75,6		26 000	64,0

Liftcrane Luffing Jib Capacities

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

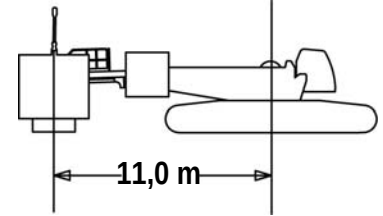
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



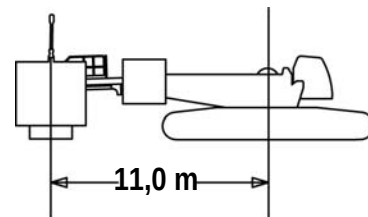
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	73,4	108,9	75 300	88 400*									19,8
20,0	73,1	108,9	74 400	88 000*									20,0
22,0	70,3	108,2	65 700	84 000*									22,0
24,0	67,3	107,3	58 700	79 500*									24,0
26,0	64,3	106,4	52 900	74 900*	69,5	107,6	46 900	90 000*					26,0
28,0	61,2	105,3	48 000	70 200*	66,5	106,7	42 400	86 500*					28,0
30,0	58,0	104,1	43 800	65 600*	63,5	105,7	38 600	82 400*					30,0
32,0	54,7	102,7	40 100	61 300*	60,3	104,6	35 300	77 900*	65,6	105,9	30 600	81 300	32,0
34,0	51,2	101,2	36 900	57 200*	57,1	103,4	32 500	73 400*	62,6	104,9	28 000	75 400	34,0
36,0	47,5	99,4	34 100	53 400*	53,7	101,9	29 900	68 800*	59,4	103,7	25 800	70 300	36,0
38,0	43,7	97,3	31 600	49 900*	50,2	100,3	27 700	64 400*	56,2	102,4	23 800	65 800	38,0
40,0	39,5	95,0	29 400	46 800*	46,5	98,5	25 700	60 300*	52,8	100,9	21 900	61 700	40,0
42,0	34,8	92,2	27 300	44 000*	42,6	96,3	23 800	56 400*	49,2	99,2	20 300	58 100	42,0
44,0	29,5	88,9	25 500	41 700*	38,3	93,9	22 200	52 800*	45,4	97,3	18 900	54 800	44,0
46,0	23,1	84,7	23 800	39 800*	33,5	91,0	20 700	49 700*	41,4	95,1	17 500	51 800	46,0
48,0	14,1	78,4	22 100	38 900*	27,9	87,5	19 200	46 900*	37,0	92,6	16 300	49 100	48,0
50,0					21,1	82,9	17 900	44 700*	32,0	89,6	15 100	46 600	50,0
52,0									26,2	85,8	14 000	44 300	52,0
54,0									18,7	80,7	13 000	42 100	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	62,0	103,4	15 800	56 900								40,0
42,0	58,9	102,2	14 500	53 500								42,0
44,0	55,6	100,8	13 300	50 500								44,0
46,0	52,2	99,3	12 200	47 700								46,0
48,0	48,6	97,6	11 300	45 200								48,0
50,0	44,7	95,6	10 400	42 900	54,7	98,7	5 600	39 300				50,0
52,0	40,6	93,4	9 500	40 800	51,3	97,1	5 000	37 300				52,0
54,0	36,1	90,7	8 700	38 800	47,6	95,3	4 400	35 500				54,0
56,0	31,0	87,6	8 000	37 000	43,7	93,3	3 800	33 800				56,0
58,0	25,0	83,7	7 300	35 300	39,5	90,9	3 300	32 300	50,1	94,2	29 200	58,0
60,0	17,0	78,2	6 500	33 700	34,9	88,2	2 800	30 800	46,3	92,4	27 900	60,0
62,0					29,7	84,9	2 300	29 400	42,4	90,2	26 700	62,0
64,0					23,3	80,7	1 900	28 200	38,0	87,8	25 500	64,0
66,0					14,3	74,4	1 400	26 900	33,2	84,9	24 400	66,0
68,0									27,7	81,3	23 400	68,0
70,0									20,7	76,6	22 400	70,0

Liftcrane Luffing Jib Capacities

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

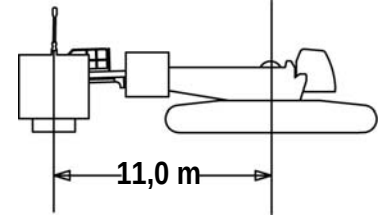
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	114,7	67 900	76 500*									21,3
22,0	72,8	114,5	65 300	75 500*									22,0
24,0	70,3	113,8	58 100	72 300*									24,0
26,0	67,7	113,0	52 300	68 900*									26,0
28,0	65,1	112,1	47 300	65 200*	69,6	113,2	41 700	77 000*					28,0
30,0	62,4	111,1	43 100	61 500*	67,0	112,4	37 900	75 500*					30,0
32,0	59,7	109,9	39 500	57 900*	64,4	111,5	34 600	72 100*					32,0
34,0	56,8	108,7	36 300	54 300*	61,7	110,4	31 700	68 700*	66,3	111,6	27 100	74 200	34,0
36,0	53,9	107,2	33 500	51 000*	58,9	109,2	29 200	65 100*	63,6	110,6	24 900	69 600	36,0
38,0	50,8	105,6	31 000	47 800*	56,0	107,9	27 000	61 500*	60,9	109,5	22 900	65 000	38,0
40,0	47,6	103,8	28 800	44 800*	53,1	106,4	24 900	57 900*	58,1	108,3	21 100	61 000	40,0
42,0	44,3	101,8	26 800	42 100*	50,0	104,8	23 200	54 500*	55,2	106,9	19 500	57 400	42,0
44,0	40,7	99,6	24 900	39 600*	46,7	102,9	21 500	51 200*	52,2	105,4	18 000	54 100	44,0
46,0	36,8	97,0	23 300	37 400*	43,3	100,9	20 000	48 100*	49,1	103,7	16 700	51 100	46,0
48,0	32,4	94,0	21 700	35 400*	39,6	98,5	18 600	45 300*	45,8	101,8	15 500	48 500	48,0
50,0	27,5	90,4	20 300	33 800*	35,6	95,8	17 400	42 600*	42,3	99,7	14 400	46 000	50,0
52,0	21,6	85,8	19 000	32 500*	31,2	92,7	16 200	40 300*	38,5	97,2	13 300	43 700	52,0
54,0	13,1	79,0	17 600	31 900*	26,0	88,9	15 100	38 300*	34,4	94,4	12 400	41 600	54,0
56,0					19,6	83,9	14 000	36 700*	29,8	91,2	11 500	39 700	56,0
58,0									24,4	87,1	10 600	37 800	58,0
60,0									17,4	81,6	9 800	36 100	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

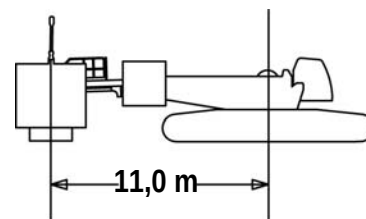
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	
21,3 22,0 24,0 26,0 28,0												21,3 22,0 24,0 26,0 28,0
30,0 32,0 34,0 36,0 38,0												30,0 32,0 34,0 36,0 38,0
40,0 42,0 44,0 46,0 48,0												40,0 42,0 44,0 46,0 48,0
50,0 52,0 54,0 56,0 58,0												50,0 52,0 54,0 56,0 58,0
60,0 62,0 64,0 66,0 68,0												60,0 62,0 64,0 66,0 68,0
70,0 72,0 74,0 76,0												70,0 72,0 74,0 76,0

Liftcrane Luffing Jib Capacities

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

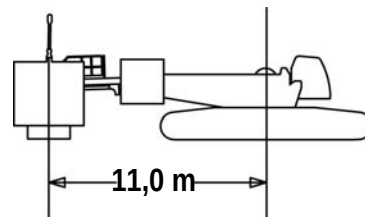
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



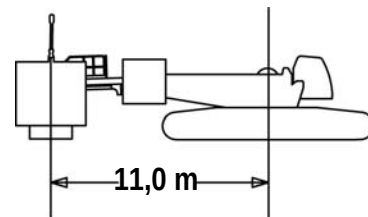
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	72,1	120,1	56 500	64 800*									24,4
26,0	70,3	119,5	51 800	62 700*									26,0
28,0	68,0	118,7	46 800	60 000*									28,0
30,0	65,7	117,8	42 600	57 200*	69,7	118,9	37 200	66 100*					30,0
32,0	63,3	116,8	39 000	54 300*	67,4	118,1	33 900	65 800*					32,0
34,0	60,9	115,7	35 800	51 300*	65,1	117,2	31 100	63 300*					34,0
36,0	58,4	114,5	33 000	48 400*	62,7	116,2	28 600	60 700*	66,8	117,3	24 200	64 000*	36,0
38,0	55,9	113,2	30 500	45 700*	60,3	115,0	26 300	57 900*	64,4	116,3	22 200	64 000*	38,0
40,0	53,3	111,7	28 300	43 000*	57,8	113,8	24 300	55 100*	62,0	115,3	20 400	60 400	40,0
42,0	50,5	110,1	26 200	40 500*	55,2	112,4	22 500	52 200*	59,6	114,1	18 800	56 800	42,0
44,0	47,7	108,3	24 400	38 200*	52,5	110,9	20 900	49 400*	57,0	112,8	17 400	53 500	44,0
46,0	44,7	106,3	22 800	36 000*	49,8	109,2	19 400	46 700*	54,5	111,4	16 100	50 600	46,0
48,0	41,6	104,1	21 300	34 100*	46,9	107,4	18 000	44 000*	51,8	109,9	14 800	47 900	48,0
50,0	38,2	101,7	19 900	32 300*	43,9	105,4	16 800	41 600*	49,0	108,2	13 800	45 400	50,0
52,0	34,5	98,9	18 600	30 600*	40,7	103,1	15 600	39 300*	46,1	106,3	12 700	43 200	52,0
54,0	30,5	95,6	17 300	29 200*	37,2	100,6	14 600	37 100*	43,0	104,2	11 800	41 100	54,0
56,0	25,9	91,8	16 200	28 000*	33,5	97,7	13 600	35 100*	39,7	101,9	10 900	39 200	56,0
58,0	20,3	86,9	15 100	27 000*	29,3	94,3	12 700	33 400*	36,2	99,2	10 100	37 400	58,0
60,0	12,3	79,6	14 100	26 600*	24,5	90,2	11 800	31 900*	32,4	96,2	9 300	35 700	60,0
62,0					18,5	84,9	10 900	30 800*	28,0	92,6	8 600	34 200	62,0
64,0					8,9	76,1	10 000	30 200*	22,9	88,3	7 800	32 700	64,0
66,0									16,4	82,4	7 200	31 300	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

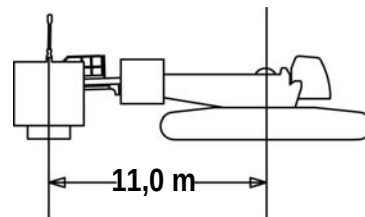
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



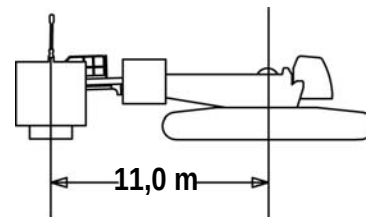
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	70,9	125,3	47 500	55 200*									27,4
28,0	70,3	125,1	46 200	54 600*									28,0
30,0	68,3	124,4	42 000	52 500*									30,0
32,0	66,2	123,5	38 300	50 300*	69,8	124,6	33 200	56 500*					32,0
34,0	64,1	122,5	35 100	47 900*	67,7	123,7	30 300	56 500*					34,0
36,0	61,9	121,5	32 300	45 600*	65,6	122,9	27 800	55 600*					36,0
38,0	59,7	120,3	29 800	43 300*	63,5	121,9	25 500	53 700*					38,0
40,0	57,5	119,1	27 600	41 000*	61,3	120,8	23 500	51 500*	65,0	122,0	19 500	54 400*	40,0
42,0	55,2	117,7	25 600	38 900*	59,1	119,6	21 700	49 300*	62,9	121,0	17 900	54 400*	42,0
44,0	52,8	116,2	23 800	36 800*	56,8	118,3	20 100	47 000*	60,7	119,9	16 500	52 800	44,0
46,0	50,3	114,6	22 100	34 800*	54,5	116,9	18 700	44 800*	58,5	118,7	15 200	49 900	46,0
48,0	47,7	112,8	20 600	32 900*	52,1	115,4	17 300	42 500*	56,2	117,4	14 000	47 200	48,0
50,0	45,1	110,8	19 200	31 200*	49,6	113,7	16 100	40 400*	53,8	115,9	12 900	44 800	50,0
52,0	42,3	108,7	17 900	29 600*	47,0	111,9	14 900	38 300*	51,4	114,4	11 900	42 500	52,0
54,0	39,3	106,3	16 800	28 100*	44,3	109,9	13 900	36 300*	48,9	112,7	11 000	40 400	54,0
56,0	36,1	103,6	15 700	26 800*	41,5	107,7	12 900	34 400*	46,3	110,8	10 100	38 500	56,0
58,0	32,7	100,6	14 600	25 600*	38,5	105,2	12 000	32 600*	43,5	108,7	9 300	36 800	58,0
60,0	28,9	97,2	13 700	24 500*	35,2	102,5	11 100	31 000*	40,6	106,4	8 500	35 100	60,0
62,0	24,5	93,1	12 700	23 600*	31,7	99,4	10 300	29 500*	37,6	103,9	7 800	33 500	62,0
64,0	19,2	87,9	11 900	22 900*	27,7	95,7	9 500	28 200*	34,3	101,1	7 200	32 100	64,0
66,0	11,6	80,2	11 000	22 600*	23,2	91,4	8 800	27 100*	30,6	97,8	6 500	30 800	66,0
68,0					17,5	85,8	8 100	26 200*	26,5	94,1	5 900	29 500	68,0
70,0					8,4	76,5	7 300	25 800*	21,7	89,4	5 300	28 300	70,0
72,0									15,5	83,2	4 700	27 100	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

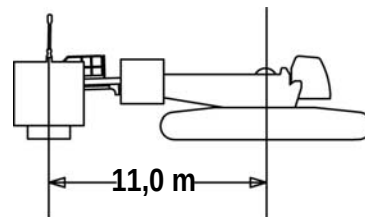
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



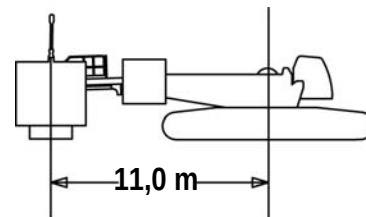
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	71,3	131,2	43 400	48 400*									29,0
30,0	70,4	130,8	41 300	47 600*									30,0
32,0	68,5	130,0	37 600	45 900*									32,0
34,0	66,6	129,2	34 400	44 100*	69,9	130,2	29 500	48 400*					34,0
36,0	64,7	128,2	31 500	42 400*	68,0	129,4	26 900	48 400*					36,0
38,0	62,7	127,2	29 100	40 500*	66,1	128,5	24 700	48 400*					38,0
40,0	60,8	126,1	26 800	38 700*	64,2	127,6	22 700	47 400*	67,5	128,6	18 600	46 400*	40,0
42,0	58,7	124,9	24 800	36 800*	62,2	126,6	20 900	45 700*	65,5	127,7	17 000	46 400*	42,0
44,0	56,7	123,6	23 000	35 000*	60,2	125,4	19 300	44 000*	63,6	126,7	15 600	46 400*	44,0
46,0	54,5	122,2	21 400	33 300*	58,2	124,2	17 800	42 200*	61,6	125,7	14 300	46 400*	46,0
48,0	52,4	120,7	19 800	31 600*	56,1	122,9	16 500	40 400*	59,6	124,5	13 100	46 000	48,0
50,0	50,1	119,0	18 500	30 100*	54,0	121,4	15 200	38 600*	57,6	123,3	12 000	44 100	50,0
52,0	47,8	117,3	17 200	28 600*	51,8	119,9	14 100	36 800*	55,5	121,9	11 000	41 800	52,0
54,0	45,4	115,3	16 000	27 200*	49,5	118,2	13 000	35 100*	53,3	120,4	10 100	39 800	54,0
56,0	42,8	113,2	14 900	25 900*	47,1	116,4	12 100	33 400*	51,1	118,8	9 300	37 900	56,0
58,0	40,2	110,9	13 900	24 700*	44,7	114,4	11 200	31 800*	48,8	117,1	8 400	36 100	58,0
60,0	37,4	108,3	12 900	23 500*	42,1	112,2	10 300	30 300*	46,5	115,3	7 700	34 400	60,0
62,0	34,4	105,5	12 100	22 500*	39,4	109,8	9 500	28 800*	44,0	113,2	7 000	32 900	62,0
64,0	31,1	102,3	11 200	21 600*	36,6	107,2	8 800	27 500*	41,4	111,0	6 300	31 400	64,0
66,0	27,5	98,6	10 400	20 800*	33,5	104,3	8 100	26 300*	38,6	108,6	5 800	30 100	66,0
68,0	23,3	94,3	9 700	20 200*	30,1	101,0	7 400	25 200*	35,7	105,9	5 200	28 800	68,0
70,0	18,2	88,8	8 900	19 700*	26,4	97,2	6 800	24 100*	32,6	102,8	4 600	27 600	70,0
72,0					22,0	92,6	6 100	23 300*	29,1	99,4	4 100	26 500	72,0
74,0					16,6	86,6	5 500	22 600*	25,2	95,4	3 600	25 500	74,0
76,0					8,0	76,9	4 900	21 400*	20,7	90,5	3 000	24 500	76,0
78,0									14,7	84,0	2 600	23 400	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

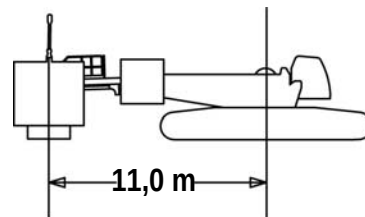
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



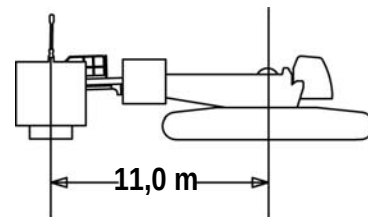
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	70,4	136,4	36 900	41 500*									32,0
34,0	68,7	135,7	33 700	40 200*									34,0
36,0	66,9	134,8	30 900	38 800*	69,9	135,9	26 200	41 700*					36,0
38,0	65,2	133,9	28 400	37 400*	68,2	135,1	23 900	41 600*					38,0
40,0	63,4	132,9	26 100	35 900*	66,5	134,2	21 900	41 500*					40,0
42,0	61,6	131,9	24 100	34 400*	64,7	133,3	20 100	41 400*					42,0
44,0	59,8	130,7	22 300	32 900*	62,9	132,3	18 500	40 500*	66,0	133,4	14 700	39 900*	44,0
46,0	57,9	129,5	20 600	31 500*	61,1	131,2	17 000	39 100*	64,2	132,4	13 400	39 900*	46,0
48,0	56,0	128,1	19 200	30 100*	59,3	130,0	15 700	37 700*	62,4	131,4	12 300	39 900*	48,0
50,0	54,0	126,7	17 800	28 700*	57,4	128,7	14 500	36 300*	60,6	130,3	11 200	39 900*	50,0
52,0	52,0	125,2	16 500	27 400*	55,5	127,4	13 400	34 900*	58,7	129,1	10 200	39 900	52,0
54,0	50,0	123,5	15 400	26 100*	53,5	125,9	12 300	33 500*	56,8	127,8	9 300	39 200	54,0
56,0	47,8	121,7	14 300	24 900*	51,5	124,3	11 300	32 000*	54,9	126,4	8 400	37 200	56,0
58,0	45,6	119,8	13 200	23 800*	49,4	122,7	10 400	30 600*	52,9	124,9	7 600	35 400	58,0
60,0	43,3	117,7	12 300	22 700*	47,2	120,8	9 600	29 300*	50,9	123,3	6 900	33 800	60,0
62,0	40,9	115,5	11 400	21 700*	45,0	118,9	8 800	28 000*	48,8	121,6	6 200	32 200	62,0
64,0	38,4	113,0	10 600	20 800*	42,7	116,7	8 100	26 800*	46,6	119,7	5 600	30 800	64,0
66,0	35,7	110,3	9 800	19 900*	40,2	114,4	7 400	25 600*	44,3	117,7	5 000	29 500	66,0
68,0	32,8	107,3	9 100	19 200*	37,7	111,9	6 700	24 500*	42,0	115,6	4 400	28 200	68,0
70,0	29,7	103,9	8 400	18 500*	34,9	109,1	6 100	23 400*	39,5	113,2	3 800	27 000	70,0
72,0	26,2	100,0	7 700	17 800*	32,0	106,0	5 500	22 500*	36,9	110,6	3 300	25 900	72,0
74,0	22,3	95,4	7 100	17 400*	28,8	102,5	5 000	21 600*	34,1	107,7	2 800	24 900	74,0
76,0	17,4	89,7	6 400	17 000*	25,2	98,5	4 400	20 800*	31,1	104,5	2 400	23 900	76,0
78,0					21,1	93,7	3 900	20 100*	27,8	100,9	1 900	23 000	78,0
80,0					15,9	87,4	3 400	19 600*	24,1	96,7	1 500	22 000	80,0
82,0					7,6	77,2	2 800	17 800*	19,7	91,5	1 100	21 200	82,0
84,0									14,0	84,7		20 300	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

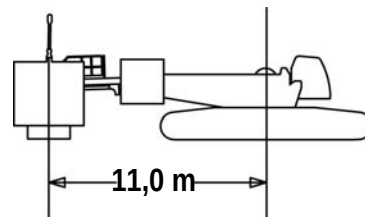
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



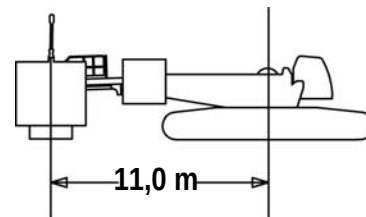
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	69,6	141,7	31 500	35 800*									35,1
36,0	68,8	141,4	30 300	35 300*									36,0
38,0	67,2	140,5	27 700	34 200*									38,0
40,0	65,6	139,6	25 500	33 000*	68,4	140,7	21 200	35 700*					40,0
42,0	64,0	138,6	23 500	31 800*	66,8	139,9	19 400	35 600*					42,0
44,0	62,3	137,6	21 700	30 600*	65,2	139,0	17 800	35 500*					44,0
46,0	60,6	136,5	20 000	29 400*	63,5	138,0	16 400	35 400*	66,3	139,1	12 700	34 200*	46,0
48,0	58,9	135,3	18 500	28 200*	61,9	136,9	15 000	34 800*	64,7	138,1	11 500	34 200*	48,0
50,0	57,2	134,0	17 100	27 100*	60,2	135,8	13 800	33 600*	63,1	137,1	10 400	34 200*	50,0
52,0	55,4	132,7	15 900	25 900*	58,5	134,6	12 600	32 500*	61,4	136,1	9 500	34 200*	52,0
54,0	53,6	131,2	14 700	24 800*	56,7	133,3	11 600	31 400*	59,7	134,9	8 500	34 200*	54,0
56,0	51,7	129,7	13 600	23 700*	54,9	131,9	10 700	30 200*	58,0	133,7	7 700	34 200*	56,0
58,0	49,8	128,0	12 600	22 700*	53,1	130,4	9 800	29 100*	56,2	132,4	6 900	34 100	58,0
60,0	47,8	126,2	11 700	21 800*	51,2	128,8	8 900	27 900*	54,4	130,9	6 200	33 300	60,0
62,0	45,8	124,3	10 800	20 800*	49,3	127,1	8 200	26 800*	52,6	129,4	5 500	31 700	62,0
64,0	43,7	122,2	10 000	20 000*	47,3	125,3	7 400	25 700*	50,7	127,8	4 900	30 300	64,0
66,0	41,5	120,0	9 200	19 100*	45,3	123,4	6 700	24 700*	48,7	126,1	4 300	28 900	66,0
68,0	39,2	117,6	8 500	18 400*	43,1	121,3	6 100	23 600*	46,7	124,2	3 700	27 700	68,0
70,0	36,8	115,0	7 800	17 700*	40,9	119,0	5 500	22 700*	44,7	122,2	3 200	26 500	70,0
72,0	34,2	112,1	7 100	17 000*	38,6	116,6	4 900	21 700*	42,5	120,1	2 700	25 400	72,0
74,0	31,5	109,0	6 500	16 400*	36,1	113,9	4 300	20 900*	40,3	117,8	2 100	24 300	74,0
76,0	28,5	105,4	6 000	15 900*	33,5	110,9	3 800	20 100*	37,9	115,2	1 700	23 400	76,0
78,0	25,2	101,4	5 400	15 400*	30,7	107,7	3 300	19 400*	35,4	112,5	1 300	22 400	78,0
80,0	21,4	96,6	4 800	15 100*	27,6	104,0	2 900	18 700*	32,7	109,5	800	21 500	80,0
82,0	16,7	90,6	4 300	14 800*	24,2	99,8	2 400	18 100*	29,9	106,1		20 700	82,0
84,0					20,2	94,7	2 000	17 600*	26,7	102,3		19 800	84,0
86,0					15,2	88,2	1 500	17 100*	23,1	97,9		19 100	86,0
88,0					7,3	77,6	1 000	14 800*	18,9	92,5		18 300	88,0
90,0									13,5	85,4		17 500	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

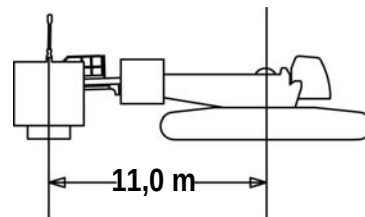
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



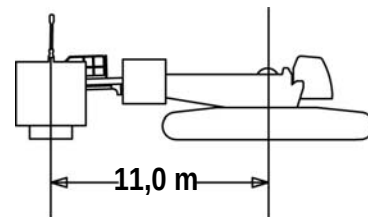
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	68,8	147,0	26 800	30 700*	70,0	147,2	20 400	30 300*					38,1
40,0	67,5	146,2	24 700	29 900*									40,0
42,0	66,0	145,3	22 700	29 000*	68,5	146,4	18 600	30 300*					42,0
44,0	64,5	144,4	20 900	28 100*	67,1	145,6	17 000	30 100*					44,0
46,0	62,9	143,3	19 300	27 100*	65,6	144,7	15 500	30 000*					46,0
48,0	61,4	142,3	17 800	26 200*	64,0	143,7	14 200	29 800*	66,6	144,8	10 600	28 900*	48,0
50,0	59,8	141,1	16 400	25 300*	62,5	142,7	13 000	29 700*	65,1	143,8	9 500	28 900*	50,0
52,0	58,2	139,9	15 100	24 300*	61,0	141,6	11 800	29 500*	63,6	142,9	8 500	28 800*	52,0
54,0	56,6	138,6	14 000	23 400*	59,4	140,4	10 800	29 000*	62,1	141,8	7 600	28 800*	54,0
56,0	54,9	137,2	12 900	22 500*	57,8	139,2	9 800	28 000*	60,5	140,7	6 800	28 700*	56,0
58,0	53,2	135,7	11 900	21 600*	56,1	137,8	8 900	27 100*	58,9	139,5	6 000	28 700*	58,0
60,0	51,5	134,1	10 900	20 700*	54,5	136,4	8 100	26 200*	57,3	138,2	5 300	28 500*	60,0
62,0	49,7	132,5	10 100	19 900*	52,8	134,9	7 300	25 300*	55,7	136,9	4 600	28 500*	62,0
64,0	47,9	130,7	9 300	19 100*	51,0	133,3	6 600	24 400*	54,0	135,4	4 000	28 400*	64,0
66,0	46,0	128,8	8 500	18 400*	49,2	131,6	5 900	23 500*	52,3	133,9	3 400	28 100	66,0
68,0	44,0	126,7	7 700	17 600*	47,4	129,8	5 300	22 600*	50,5	132,3	2 800	27 000	68,0
70,0	42,0	124,6	7 100	17 000*	45,5	127,8	4 700	21 800*	48,7	130,5	2 300	25 800	70,0
72,0	39,9	122,2	6 400	16 300*	43,5	125,8	4 100	21 000*	46,8	128,7	1 800	24 700	72,0
74,0	37,7	119,7	5 800	15 700*	41,5	123,6	3 600	20 200*	44,9	126,7	1 300	23 600	74,0
76,0	35,4	116,9	5 200	15 200*	39,3	121,2	3 000	19 400*	42,9	124,6	900	22 700	76,0
78,0	32,9	113,9	4 700	14 700*	37,1	118,6	2 600	18 700*	40,9	122,3		21 700	78,0
80,0	30,3	110,6	4 100	14 200*	34,7	115,7	2 100	18 000*	38,7	119,9		20 900	80,0
82,0	27,4	106,9	3 600	13 800*	32,2	112,7	1 700	17 400*	36,4	117,2		20 000	82,0
84,0	24,2	102,6	3 200	13 400*	29,5	109,2	1 200	16 900*	34,1	114,3		19 200	84,0
86,0	20,5	97,7	2 700	13 200*	26,6	105,4	800	16 300*	31,5	111,2		18 400	86,0
88,0	16,1	91,4	2 200	13 000*	23,3	101,0		15 900*	28,7	107,7		17 700	88,0
90,0					19,4	95,7		15 500*	25,7	103,7		17 000	90,0
92,0					14,6	89,0		14 700*	22,3	99,1		16 300	92,0
94,0					7,0	77,9		11 700*	18,2	93,5		15 700	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

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

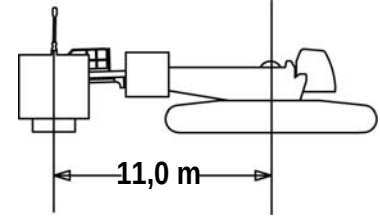
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



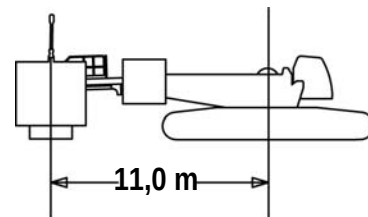
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	73,0	97,6	105 900	122 400*d									15,2
16,0	71,1	97,3	99 900	120 000*d									16,0
18,0	65,9	96,5	85 700	113 100*b									18,0
20,0	60,5	95,4	75 000	105 200*b									20,0
22,0	54,7	94,0	66 400	97 500*b	65,3	96,0	58 900	119 600*c					22,0
24,0	48,4	92,3	59 400	90 300*	59,8	94,8	52 600	112 500*b					24,0
26,0	41,4	90,2	53 600	83 800*	54,0	93,4	47 400	105 000*b	64,6	95,2	41 100	105 700b	26,0
28,0	33,2	87,4	48 600	78 300*	47,7	91,7	43 000	97 700*	59,1	94,1	37 300	96 400b	28,0
30,0	22,2	83,2	44 200	74 500*	40,6	89,5	39 200	90 900*	53,2	92,6	33 900	88 600b	30,0
32,0					32,1	86,6	35 800	85 000*	46,8	90,8	31 000	81 800	32,0
34,0					20,6	82,2	32 800	79 200	39,6	88,6	28 400	75 900	34,0
36,0									30,9	85,5	26 100	70 700	36,0
38,0									18,6	80,8	24 000	66 000	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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													32,0
34,0	59,6	92,7	20 900	70 100b									34,0
36,0	53,7	91,3	19 100	65 300b									36,0
38,0	47,3	89,5	17 500	61 000									38,0
40,0	40,2	87,3	16 100	57 200									40,0
42,0	31,7	84,3	14 700	53 800	53,7	89,3	8 900	49 300b					42,0
44,0	19,8	79,8	13 400	50 700	47,4	87,6	8 000	46 500					44,0
46,0					40,2	85,3	7 200	44 000					46,0
48,0					31,7	82,4	6 400	41 600					48,0
50,0					19,9	77,9	5 600	39 400	46,7	84,9	1 000	35 900	50,0
52,0									39,5	82,6		34 100	52,0
54,0									30,8	79,6		32 400	54,0
56,0									18,3	74,8		30 700	56,0

Liftcrane Luffing Jib Capacities

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

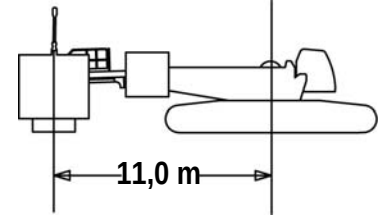
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



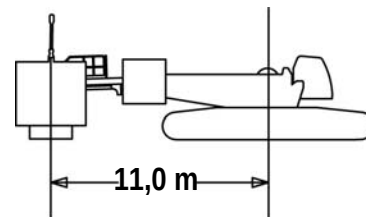
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
16,8	73,5	103,4	93 700	105 300*c									16,8
18,0	71,0	103,0	85 700	101 900*c									18,0
20,0	66,9	102,2	74 800	96 000*b									20,0
22,0	62,6	101,2	66 200	89 900*b									22,0
24,0	58,1	99,9	59 300	83 700*	66,4	101,7	52 200	102 700*b					24,0
26,0	53,4	98,5	53 500	77 800*	62,1	100,6	47 000	97 200*b					26,0
28,0	48,4	96,8	48 600	72 300*	57,6	99,4	42 600	91 300*	65,8	100,9	36 700	96 000b	28,0
30,0	42,9	94,7	44 300	67 300*	52,9	97,9	38 900	85 300*	61,5	99,9	33 400	88 100b	30,0
32,0	36,7	92,2	40 700	63 000*	47,8	96,2	35 700	79 600*	57,0	98,6	30 600	81 400	32,0
34,0	29,4	88,9	37 400	59 400*	42,2	94,1	32 800	74 300*	52,2	97,1	28 000	75 600	34,0
36,0	19,7	84,2	34 500	57 000*	36,0	91,5	30 200	69 500*	47,1	95,3	25 800	70 400	36,0
38,0					28,5	88,1	27 900	65 400*	41,5	93,2	23 900	65 900	38,0
40,0					18,2	83,1	25 800	62 400*	35,1	90,5	22 000	61 800	40,0
42,0									27,4	87,0	20 300	58 200	42,0
44,0									16,4	81,6	18 800	54 800	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
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												36,0
38,0	57,4	97,3	16 900	60 500								38,0
40,0	52,6	95,8	15 500	56 800								40,0
42,0	47,5	94,0	14 300	53 400								42,0
44,0	41,9	91,9	13 100	50 400								44,0
46,0	35,6	89,3	12 100	47 700	52,6	93,8	6 600	43 400				46,0
48,0	28,1	85,8	11 000	45 100	47,5	92,1	5 800	41 200				48,0
50,0	17,6	80,7	10 000	42 800	42,0	89,9	5 200	39 000				50,0
52,0					35,7	87,3	4 600	37 100	52,2	91,2	33 500	52,0
54,0					28,1	83,9	4 000	35 300	47,0	89,4	31 900	54,0
56,0					17,6	78,8	3 300	33 500	41,4	87,2	30 400	56,0
58,0									35,0	84,5	28 900	58,0
60,0									27,3	81,0	27 600	60,0
62,0									16,2	75,6	26 300	62,0

Liftcrane Luffing Jib Capacities

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

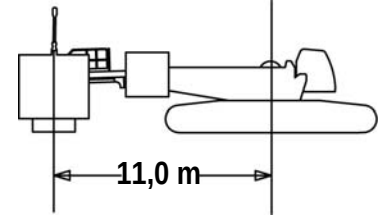
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



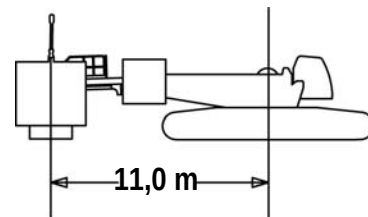
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	71,2	108,7	75 200	87 400*									19,8
20,0	70,9	108,7	74 400	87 000*									20,0
22,0	67,5	107,8	65 700	82 400*									22,0
24,0	64,0	106,9	58 800	77 500*									24,0
26,0	60,3	105,8	53 000	72 600*	67,1	107,3	46 300	88 900*					26,0
28,0	56,5	104,5	48 100	67 800*	63,6	106,4	41 900	84 500*					28,0
30,0	52,6	103,0	43 900	63 200*	59,9	105,2	38 200	79 900*					30,0
32,0	48,4	101,3	40 200	59 000*	56,1	103,9	35 000	75 100*	63,1	105,6	29 700	80 700	32,0
34,0	43,8	99,3	37 100	55 100*	52,1	102,4	32 200	70 400*	59,4	104,5	27 200	74 800	34,0
36,0	38,9	96,9	34 200	51 700*	47,9	100,6	29 600	65 900*	55,6	103,1	25 000	69 700	36,0
38,0	33,3	94,0	31 700	48 800*	43,3	98,6	27 400	61 700*	51,6	101,6	23 100	65 300	38,0
40,0	26,7	90,4	29 400	46 400*	38,3	96,2	25 400	57 900*	47,3	99,8	21 300	61 200	40,0
42,0	17,8	85,2	27 300	44 900*	32,6	93,2	23 600	54 500*	42,7	97,7	19 700	57 600	42,0
44,0					25,9	89,5	21 900	51 700*	37,6	95,2	18 300	54 400	44,0
46,0					16,5	83,9	20 300	49 600*	31,8	92,2	17 000	51 400	46,0
48,0									24,9	88,3	15 700	48 700	48,0
50,0									14,9	82,3	14 500	46 100	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	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	59,7	103,1	14 500	56 000								40,0
42,0	55,9	101,8	13 300	52 600								42,0
44,0	51,9	100,3	12 200	49 700								44,0
46,0	47,6	98,5	11 200	47 000								46,0
48,0	43,1	96,4	10 300	44 500	55,9	99,8	4 800	40 300				48,0
50,0	38,0	94,0	9 400	42 200	51,9	98,3	4 200	38 200				50,0
52,0	32,3	91,0	8 600	40 100	47,6	96,5	3 600	36 300				52,0
54,0	25,5	87,2	7 800	38 200	43,1	94,5	3 100	34 500				54,0
56,0	15,9	81,5	7 000	36 300	38,0	92,0	2 600	32 900				56,0
58,0					32,3	89,0	2 100	31 400	47,2	93,8	28 100	58,0
60,0					25,5	85,2	1 600	29 900	42,6	91,7	26 800	60,0
62,0					15,9	79,6	1 100	28 600	37,5	89,3	25 600	62,0
64,0									31,7	86,2	24 500	64,0
66,0									24,7	82,3	23 400	66,0
68,0									14,7	76,3	22 400	68,0

Liftcrane Luffing Jib Capacities

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

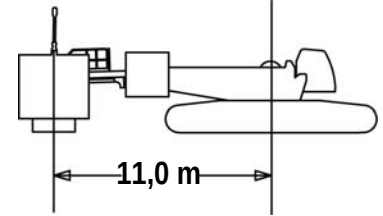
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



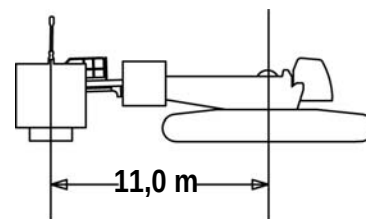
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	71,8	114,6	68 000	76 100* ^b									21,3
22,0	70,9	114,3	65 500	74 900* ^b									22,0
24,0	67,9	113,5	58 300	71 300*									24,0
26,0	64,9	112,6	52 500	67 400*	70,5	113,8	45 700	78 700* ^b					26,0
28,0	61,8	111,6	47 600	63 400*	67,6	113,0	41 300	77 600*					28,0
30,0	58,7	110,4	43 400	59 500*	64,6	112,1	37 600	74 000*					30,0
32,0	55,4	109,0	39 800	55 800*	61,5	111,0	34 400	70 300*	67,2	112,3	29 000	77 400*	32,0
34,0	51,9	107,5	36 700	52 300*	58,3	109,8	31 600	66 500*	64,2	111,3	26 500	74 600	34,0
36,0	48,3	105,7	33 900	49 000*	55,0	108,4	29 100	62 700*	61,1	110,3	24 400	69 200	36,0
38,0	44,5	103,8	31 400	46 000*	51,5	106,9	26 900	59 000*	57,9	109,0	22 400	64 700	38,0
40,0	40,4	101,5	29 100	43 300*	47,9	105,1	24 900	55 500*	54,6	107,6	20 700	60 700	40,0
42,0	35,8	98,8	27 100	40 900*	44,0	103,1	23 100	52 100*	51,1	106,1	19 200	57 100	42,0
44,0	30,7	95,7	25 200	38 800*	39,9	100,8	21 500	49 000*	47,4	104,3	17 700	53 900	44,0
46,0	24,6	91,7	23 500	37 200*	35,3	98,1	20 000	46 300*	43,5	102,2	16 500	50 900	46,0
48,0	16,4	86,0	21 900	36 200*	30,1	94,8	18 600	43 800*	39,3	99,9	15 300	48 300	48,0
50,0					23,8	90,7	17 300	41 700*	34,7	97,1	14 200	45 800	50,0
52,0									29,4	93,8	13 100	43 600	52,0
54,0									22,9	89,5	12 200	41 500	54,0
56,0									13,7	83,0	11 200	39 500	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	
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	61,3	108,9	12 600	52 000								42,0
44,0	58,1	107,7	11 500	49 100								44,0
46,0	54,8	106,3	10 500	46 400								46,0
48,0	51,4	104,7	9 600	43 900								48,0
50,0	47,7	103,0	8 700	41 700								50,0
52,0	43,8	100,9	8 000	39 600	54,8	104,3	2 800	35 700				52,0
54,0	39,7	98,6	7 200	37 700	51,4	102,8	2 300	34 000				54,0
56,0	35,0	95,9	6 600	35 900	47,7	101,0	1 900	32 300				56,0
58,0	29,8	92,6	5 900	34 300	43,8	99,0	1 400	30 800				58,0
60,0	23,5	88,4	5 300	32 700	39,7	96,7	1 000	29 500	51,0	100,1	26 200	60,0
62,0	14,6	82,2	4 600	31 200	35,1	93,9		28 100	47,4	98,3	25 000	62,0
64,0					29,8	90,6		26 900	43,5	96,3	23 900	64,0
66,0					23,5	86,5		25 700	39,2	93,9	22 800	66,0
68,0					14,6	80,3		24 600	34,6	91,2	21 900	68,0
70,0									29,3	87,8	21 000	70,0
72,0									22,8	83,5	20 100	72,0
74,0									13,5	77,0	19 100	74,0

Liftcrane Luffing Jib Capacities

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

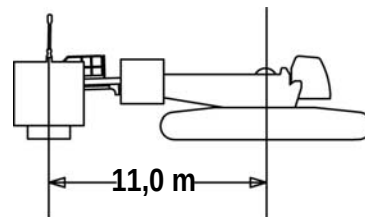
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



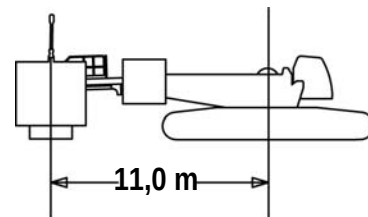
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	70,3	119,8	56 500	64 300*									24,4
26,0	68,3	119,2	51 900	61 900*									26,0
28,0	65,6	118,3	47 000	58 800*									28,0
30,0	63,0	117,3	42 800	55 700*	68,0	118,7	36 900	67 300*					30,0
32,0	60,2	116,2	39 200	52 500*	65,3	117,8	33 600	64 900*					32,0
34,0	57,4	114,9	36 000	49 500*	62,7	116,8	30 800	62 000*					34,0
36,0	54,5	113,5	33 200	46 600*	59,9	115,6	28 300	59 000*	65,0	117,0	23 500	66 800*	36,0
38,0	51,5	111,9	30 700	43 800*	57,1	114,3	26 100	56 000*	62,3	116,0	21 500	64 000	38,0
40,0	48,3	110,2	28 500	41 300*	54,2	112,9	24 200	52 900*	59,6	114,9	19 800	60 000	40,0
42,0	45,0	108,3	26 500	38 900*	51,1	111,3	22 400	50 000*	56,7	113,6	18 300	56 400	42,0
44,0	41,4	106,1	24 700	36 700*	47,9	109,6	20 800	47 200*	53,8	112,1	16 900	53 200	44,0
46,0	37,6	103,6	23 000	34 800*	44,6	107,6	19 400	44 500*	50,7	110,5	15 600	50 300	46,0
48,0	33,4	100,6	21 500	33 000*	41,0	105,4	18 000	42 000*	47,5	108,7	14 500	47 600	48,0
50,0	28,6	97,2	20 100	31 500*	37,1	102,8	16 800	39 700*	44,1	106,7	13 400	45 200	50,0
52,0	22,9	92,9	18 700	30 400*	32,9	99,9	15 600	37 600*	40,5	104,5	12 400	43 000	52,0
54,0	15,3	86,8	17 500	29 700*	28,0	96,3	14 500	35 900*	36,6	101,9	11 500	40 900	54,0
56,0					22,2	91,9	13 500	34 400*	32,3	98,8	10 600	39 000	56,0
58,0									27,3	95,2	9 800	37 200	58,0
60,0									21,3	90,6	9 000	35 500	60,0
62,0									12,7	83,7	8 200	33 900	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	59,8 56,9 54,0 51,0	113,5 112,2 110,8 109,2	9 500 8 600 7 800 7 100	45 500 43 200 40 900 38 900								44,0 46,0 48,0 50,0 52,0
54,0 56,0 58,0 60,0 62,0	47,8 44,4 40,8 36,9 32,6	107,4 105,4 103,2 100,6 97,7	6 400 5 700 5 100 4 500 4 000	37 000 35 200 33 600 32 100 30 700	57,0 54,0 51,0 47,8 44,4	110,2 108,8 107,2 105,5 103,5	1 300 800	33 100 31 500 30 000 28 700 27 400				54,0 56,0 58,0 60,0 62,0
64,0 66,0 68,0 70,0 72,0	27,8 21,9 13,6	94,1 89,6 82,9	3 400 2 900 2 400	29 300 28 100 26 800	40,8 36,9 32,7 27,8 21,9	101,2 98,7 95,7 92,1 87,6		26 200 25 000 24 000 23 000 22 000	50,7 47,5 44,1 40,5 36,6	104,6 102,8 100,8 98,5 95,9	23 000 22 000 21 000 20 100 19 300	64,0 66,0 68,0 70,0 72,0
74,0 76,0 78,0 80,0					13,6	81,0		21 000	32,2 27,3 21,2 12,5	92,9 89,2 84,6 77,6	18 500 17 700 16 800* 16 000*	74,0 76,0 78,0 80,0

Liftcrane Luffing Jib Capacities

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

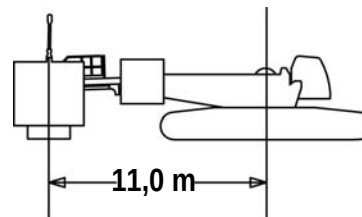
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



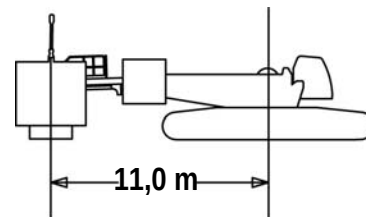
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	69,2	125,1	47 800	54 800*									27,4
28,0	68,5	124,8	46 500	54 100*									28,0
30,0	66,2	124,0	42 300	51 700*									30,0
32,0	63,8	123,0	38 600	49 200*	68,3	124,3	33 000	58 900*					32,0
34,0	61,4	121,9	35 500	46 700*	65,9	123,5	30 200	57 200*					34,0
36,0	59,0	120,8	32 700	44 200*	63,6	122,5	27 700	54 900*					36,0
38,0	56,4	119,4	30 200	41 800*	61,2	121,4	25 500	52 600*	65,6	122,7	20 800	57 300*	38,0
40,0	53,8	118,0	28 000	39 500*	58,7	120,2	23 500	50 200*	63,3	121,7	19 100	57 300	40,0
42,0	51,1	116,4	26 000	37 300*	56,1	118,9	21 800	47 700*	60,8	120,7	17 600	56 200	42,0
44,0	48,3	114,7	24 200	35 300*	53,5	117,4	20 200	45 300*	58,4	119,4	16 200	52 600	44,0
46,0	45,3	112,7	22 500	33 300*	50,8	115,8	18 700	42 900*	55,8	118,1	14 900	49 700	46,0
48,0	42,2	110,6	21 000	31 600*	48,0	114,1	17 400	40 700*	53,2	116,6	13 800	47 100	48,0
50,0	38,9	108,2	19 600	30 000*	45,0	112,1	16 200	38 500*	50,4	115,0	12 700	44 700	50,0
52,0	35,3	105,5	18 300	28 500*	41,9	109,9	15 000	36 500*	47,6	113,2	11 700	42 400	52,0
54,0	31,4	102,3	17 200	27 300*	38,5	107,5	14 000	34 600*	44,6	111,2	10 900	40 400	54,0
56,0	26,9	98,6	16 000	26 200*	34,9	104,7	13 000	32 900*	41,5	109,0	10 000	38 500	56,0
58,0	21,6	94,0	15 000	25 400*	30,9	101,5	12 100	31 300*	38,1	106,6	9 200	36 700	58,0
60,0	14,3	87,5	13 900	24 900*	26,3	97,7	11 200	30 000*	34,4	103,7	8 500	35 100	60,0
62,0					20,9	93,0	10 400	28 900*	30,4	100,5	7 800	33 500	62,0
64,0					13,3	86,1	9 600	28 200*	25,7	96,6	7 100	32 100	64,0
66,0									20,1	91,7	6 500	30 700	66,0
68,0									11,9	84,3	5 800	29 400	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

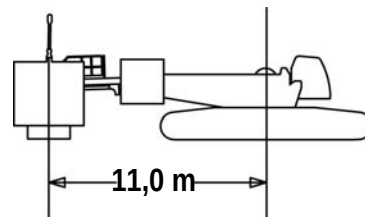
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



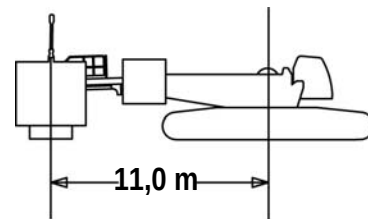
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	68,2	130,3	40 600	46 900*	70,5	130,8	32 100	51 000*					30,5
32,0	66,6	129,7	37 900	45 400*									32,0
34,0	64,5	128,7	34 800	43 500*	68,5	130,0	29 300	51 000*					34,0
36,0	62,4	127,7	32 000	41 400*	66,4	129,1	26 900	50 300*					36,0
38,0	60,2	126,6	29 500	39 400*	64,3	128,2	24 700	48 600*					38,0
40,0	57,9	125,3	27 300	37 400*	62,1	127,2	22 700	46 800*	66,1	128,4	18 200	49 500*	40,0
42,0	55,6	124,0	25 300	35 500*	59,9	126,0	21 000	44 800*	64,0	127,5	16 700	49 500*	42,0
44,0	53,3	122,5	23 500	33 700*	57,7	124,8	19 400	42 900*	61,9	126,4	15 300	49 500*	44,0
46,0	50,8	120,9	21 900	31 900*	55,4	123,4	17 900	40 900*	59,7	125,2	14 100	49 200	46,0
48,0	48,3	119,2	20 400	30 300*	53,0	121,9	16 600	39 000*	57,4	124,0	12 900	46 300	48,0
50,0	45,6	117,2	19 000	28 800*	50,5	120,3	15 400	37 100*	55,1	122,6	11 900	44 000	50,0
52,0	42,9	115,1	17 700	27 300*	48,0	118,5	14 300	35 200*	52,7	121,1	10 900	41 800	52,0
54,0	39,9	112,8	16 500	26 000*	45,3	116,6	13 300	33 500*	50,2	119,5	10 000	39 700	54,0
56,0	36,8	110,2	15 400	24 800*	42,5	114,5	12 300	31 800*	47,7	117,7	9 200	37 800	56,0
58,0	33,4	107,3	14 400	23 800*	39,6	112,1	11 400	30 300*	45,0	115,7	8 400	36 100	58,0
60,0	29,7	103,9	13 500	22 800*	36,4	109,5	10 600	28 900*	42,2	113,6	7 700	34 400	60,0
62,0	25,5	100,0	12 500	22 000*	33,0	106,5	9 800	27 500*	39,2	111,2	7 000	32 900	62,0
64,0	20,4	95,1	11 700	21 400*	29,2	103,1	9 000	26 400*	36,0	108,5	6 300	31 500	64,0
66,0	13,6	88,2	10 800	21 100*	24,9	99,1	8 300	25 300*	32,6	105,5	5 800	30 200	66,0
68,0					19,7	94,0	7 600	24 500*	28,7	102,0	5 200	28 900	68,0
70,0					12,5	86,7	7 000	24 000*	24,3	97,9	4 600	27 700	70,0
72,0									19,0	92,6	4 100	26 600	72,0
74,0									11,3	84,8	3 500	25 500	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

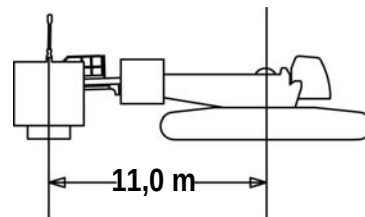
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



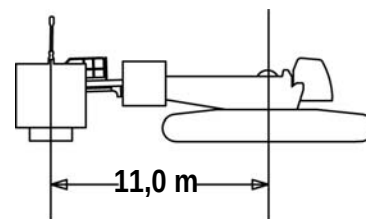
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
32,0	68,9	136,2	37 200	41 600*	70,5	136,4	28 500	44 200*					32,0
34,0	67,0	135,3	34 000	40 000*									34,0
36,0	65,1	134,4	31 200	38 400*	68,7	135,7	26 000	44 200*					36,0
38,0	63,2	133,4	28 700	36 800*	66,8	134,8	23 800	44 100*					38,0
40,0	61,2	132,3	26 500	35 200*	64,9	133,9	21 900	43 000*					40,0
42,0	59,2	131,1	24 500	33 600*	62,9	132,9	20 100	41 600*	66,5	134,1	15 800	42 600*	42,0
44,0	57,1	129,9	22 700	32 000*	60,9	131,8	18 600	40 000*	64,6	133,2	14 400	42 600*	44,0
46,0	55,0	128,5	21 100	30 400*	58,9	130,6	17 100	38 500*	62,7	132,1	13 200	42 600*	46,0
48,0	52,8	127,0	19 600	29 000*	56,9	129,3	15 800	36 900*	60,7	131,0	12 000	42 600*	48,0
50,0	50,6	125,4	18 200	27 600*	54,7	127,9	14 600	35 300*	58,7	129,8	11 000	42 600*	50,0
52,0	48,3	123,6	16 900	26 300*	52,6	126,4	13 500	33 700*	56,6	128,5	10 000	41 000	52,0
54,0	45,9	121,7	15 800	25 000*	50,3	124,8	12 500	32 200*	54,5	127,1	9 100	39 000	54,0
56,0	43,4	119,7	14 700	23 800*	48,0	123,0	11 500	30 700*	52,3	125,6	8 300	37 100	56,0
58,0	40,8	117,4	13 700	22 800*	45,6	121,1	10 600	29 300*	50,0	123,9	7 500	35 400	58,0
60,0	38,0	114,9	12 800	21 800*	43,1	119,0	9 800	28 000*	47,7	122,2	6 800	33 700	60,0
62,0	35,0	112,1	11 900	20 900*	40,4	116,7	9 000	26 700*	45,3	120,2	6 100	32 200	62,0
64,0	31,8	109,0	11 000	20 100*	37,6	114,2	8 300	25 500*	42,8	118,1	5 500	30 800	64,0
66,0	28,3	105,4	10 200	19 400*	34,7	111,4	7 600	24 400*	40,1	115,8	4 900	29 500	66,0
68,0	24,2	101,2	9 500	18 800*	31,4	108,2	6 900	23 400*	37,3	113,2	4 400	28 300	68,0
70,0	19,4	96,1	8 800	18 300*	27,8	104,6	6 300	22 500*	34,3	110,4	3 800	27 100	70,0
72,0	12,9	88,8	8 100	18 200*	23,7	100,3	5 700	21 700*	31,0	107,2	3 400	26 000	72,0
74,0					18,8	95,0	5 100	21 100*	27,3	103,5	2 900	24 900	74,0
76,0					11,9	87,3	4 500	20 800*	23,2	99,1	2 400	23 900	76,0
78,0									18,1	93,6	1 900	23 000	78,0
80,0									10,7	85,4	1 400	22 000	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

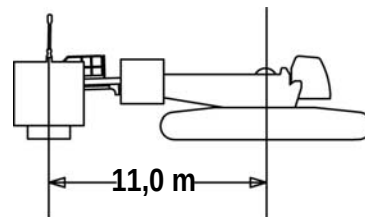
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



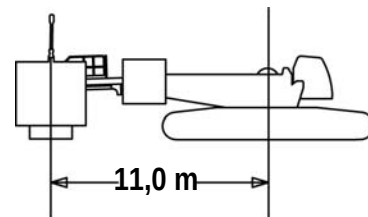
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	68,1	141,4	31 800	35 800*									35,1
36,0	67,3	141,0	30 500	35 200*									36,0
38,0	65,6	140,1	28 000	33 900*	68,8	141,3	23 000	38 200*					38,0
40,0	63,8	139,1	25 800	32 600*	67,1	140,5	21 100	38 200*					40,0
42,0	62,0	138,1	23 800	31 300*	65,4	139,6	19 300	37 900*					42,0
44,0	60,2	136,9	22 000	30 000*	63,6	138,6	17 700	36 900*					44,0
46,0	58,3	135,7	20 400	28 700*	61,8	137,6	16 300	35 700*	65,1	138,9	12 300	36 800*	46,0
48,0	56,4	134,4	18 900	27 500*	59,9	136,4	15 000	34 400*	63,4	137,9	11 200	36 800*	48,0
50,0	54,4	133,0	17 500	26 200*	58,1	135,2	13 800	33 200*	61,5	136,8	10 100	36 800*	50,0
52,0	52,4	131,5	16 300	25 100*	56,2	133,9	12 700	31 900*	59,7	135,6	9 200	36 800*	52,0
54,0	50,4	129,9	15 100	23 900*	54,2	132,4	11 700	30 600*	57,8	134,4	8 300	36 700*	54,0
56,0	48,3	128,1	14 000	22 800*	52,2	130,9	10 700	29 400*	55,9	133,1	7 500	36 000*	56,0
58,0	46,1	126,2	13 000	21 800*	50,2	129,2	9 800	28 100*	54,0	131,6	6 700	34 700	58,0
60,0	43,8	124,2	12 100	20 900*	48,0	127,5	9 000	26 900*	52,0	130,1	6 000	33 100	60,0
62,0	41,4	121,9	11 200	20 000*	45,8	125,6	8 300	25 800*	49,9	128,4	5 300	31 600	62,0
64,0	38,9	119,5	10 400	19 200*	43,5	123,5	7 600	24 700*	47,7	126,6	4 700	30 200	64,0
66,0	36,3	116,8	9 600	18 400*	41,1	121,2	6 900	23 600*	45,5	124,7	4 100	28 900	66,0
68,0	33,4	113,9	8 900	17 700*	38,6	118,8	6 200	22 600*	43,2	122,6	3 600	27 600	68,0
70,0	30,4	110,6	8 200	17 100*	36,0	116,1	5 700	21 700*	40,8	120,3	3 100	26 500	70,0
72,0	27,0	106,9	7 500	16 500*	33,1	113,1	5 100	20 800*	38,3	117,9	2 600	25 400	72,0
74,0	23,1	102,5	6 900	16 100*	30,0	109,8	4 500	20 100*	35,6	115,2	2 100	24 300	74,0
76,0	18,5	97,0	6 300	15 800*	26,6	106,0	4 000	19 400*	32,7	112,1	1 700	23 400	76,0
78,0	12,3	89,5	5 700	15 700*	22,7	101,5	3 500	18 800*	29,6	108,7	1 300	22 400	78,0
80,0					17,9	95,9	3 000	18 300*	26,1	104,9	800	21 500	80,0
82,0					11,4	87,9	2 500	18 100*	22,1	100,2		20 700	82,0
84,0									17,2	94,5		19 800	84,0
86,0									10,2	85,9		18 700	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	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											52,0
54,0											54,0
56,0	61,7	135,4	2 100	32 300							56,0
58,0	59,9	134,3	1 500	30 700							58,0
60,0	58,0	133,1	1 000	29 300							60,0
62,0	56,1	131,7		27 900							62,0
64,0	54,1	130,3		26 600							64,0
66,0	52,1	128,8		25 400							66,0
68,0	50,0	127,1		24 300	56,1	129,7	21 000				68,0
70,0	47,9	125,3		23 200	54,1	128,3	20 000				70,0
72,0	45,7	123,4		22 200	52,1	126,8	19 100*				72,0
74,0	43,4	121,3		21 300	50,0	125,1	18 100*				74,0
76,0	41,0	119,1		20 400	47,9	123,4	17 300*				76,0
78,0	38,5	116,6		19 600	45,7	121,4	16 400*	51,9	124,1	12 800*	78,0
80,0	35,8	113,9		18 700	43,4	119,4	15 600*	49,9	122,5	12 100*	80,0
82,0	33,0	110,9		18 000	41,0	117,1	14 900*	47,7	120,7	11 500*	82,0
84,0	29,8	107,6		17 300	38,5	114,7	14 200*	45,5	118,8	10 800*	84,0
86,0	26,4	103,7		16 600	35,8	111,9	13 500*	43,2	116,7	10 200*	86,0
88,0	22,5	99,2		15 900	33,0	109,0	12 800*	40,8	114,4	9 700*	88,0
90,0	17,7	93,5		15 200	29,9	105,6	12 200*	38,3	111,9	9 100*	90,0
92,0	10,9	85,3		14 500	26,4	101,8	11 600*	35,6	109,2	8 600*	92,0
94,0					22,5	97,2	11 000*	32,7	106,2	8 100*	94,0
96,0					17,7	91,6	10 400*	29,5	102,8	7 600*	96,0
98,0					11,0	83,4	9 800*	26,1	98,9	7 100*	98,0
100,0								22,1	94,3	6 600*	100,0
102,0								17,2	88,4	6 100*	102,0

Liftcrane Luffing Jib Capacities

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

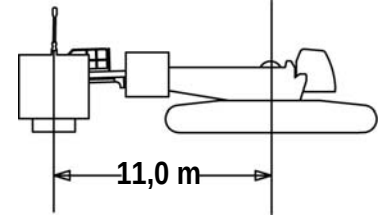
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



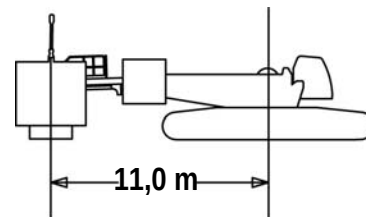
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	67,5	146,6	27 300	31 000*	70,4	147,7	22 200	33 100*					38,1
40,0	65,9	145,8	25 200	30 000*	69,0	147,0	20 400	33 100*					40,0
42,0	64,3	144,9	23 200	28 900*	67,4	146,2	18 600	33 000*					42,0
44,0	62,7	143,8	21 400	27 900*	65,8	145,3	17 100	32 900*					44,0
46,0	61,0	142,7	19 700	26 800*	64,1	144,3	15 600	32 700*	67,2	145,4	11 500	31 700*	46,0
48,0	59,3	141,6	18 300	25 700*	62,5	143,3	14 300	31 700*	65,6	144,6	10 400	31 700*	48,0
50,0	57,6	140,3	16 900	24 700*	60,8	142,2	13 100	30 700*	63,9	143,6	9 300	31 700*	50,0
52,0	55,8	138,9	15 600	23 700*	59,1	141,0	12 000	29 700*	62,3	142,6	8 400	31 700*	52,0
54,0	54,0	137,5	14 500	22 700*	57,4	139,7	11 000	28 600*	60,6	141,4	7 500	31 700*	54,0
56,0	52,1	136,0	13 400	21 700*	55,6	138,4	10 000	27 600*	58,9	140,2	6 700	31 700*	56,0
58,0	50,2	134,3	12 400	20 800*	53,8	136,9	9 200	26 600*	57,1	139,0	6 000	31 700*	58,0
60,0	48,3	132,6	11 400	19 900*	51,9	135,4	8 300	25 600*	55,4	137,6	5 300	31 300*	60,0
62,0	46,2	130,7	10 600	19 100*	50,0	133,7	7 600	24 600*	53,5	136,1	4 600	30 300*	62,0
64,0	44,2	128,7	9 800	18 300*	48,0	131,9	6 900	23 600*	51,7	134,6	4 000	29 300*	64,0
66,0	42,0	126,5	9 000	17 600*	46,0	130,1	6 200	22 600*	49,8	132,9	3 400	28 300	66,0
68,0	39,7	124,1	8 300	16 900*	43,9	128,0	5 600	21 800*	47,8	131,1	2 900	27 100	68,0
70,0	37,3	121,6	7 600	16 300*	41,7	125,8	5 000	20 900*	45,7	129,2	2 400	25 900	70,0
72,0	34,8	118,7	7 000	15 700*	39,4	123,4	4 400	20 100*	43,6	127,1	1 900	24 800	72,0
74,0	32,1	115,6	6 400	15 100*	37,0	120,8	3 900	19 300*	41,4	124,9	1 400	23 800	74,0
76,0	29,1	112,2	5 800	14 700*	34,5	118,0	3 400	18 600*	39,1	122,5	1 000	22 800	76,0
78,0	25,9	108,2	5 200	14 300*	31,8	114,9	2 900	17 900*	36,7	119,9		21 900	78,0
80,0	22,2	103,6	4 600	13 900*	28,8	111,3	2 500	17 300*	34,1	117,0		21 000	80,0
82,0	17,8	98,0	4 100	13 700*	25,5	107,3	2 000	16 800*	31,4	113,8		20 200	82,0
84,0	11,8	90,1	3 600	13 600*	21,7	102,7	1 500	16 300*	28,4	110,3		19 400	84,0
86,0					17,2	96,8	1 100	16 000*	25,1	106,2		18 600	86,0
88,0					10,9	88,5		15 500*	21,2	101,4		17 900	88,0
90,0									16,5	95,3		17 200	90,0
92,0									9,8	86,4		15 900	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

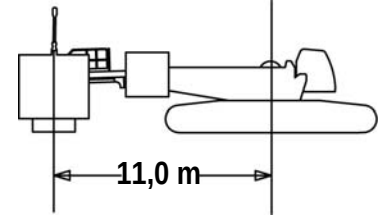
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



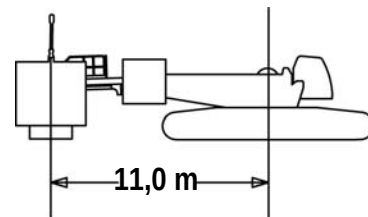
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	66,9	151,9	23 200	26 800*	69,7	153,0	18 500	28 200*					41,1
42,0	66,3	151,5	22 400	26 400*	69,1	152,7	17 700	28 200*					42,0
44,0	64,8	150,5	20 600	25 600*	67,6	151,8	16 200	28 100*					44,0
46,0	63,2	149,6	19 000	24 700*	66,1	151,0	14 700	28 000*					46,0
48,0	61,7	148,5	17 500	23 900*	64,6	150,0	13 400	27 900*	67,4	151,1	9 400	27 000*	48,0
50,0	60,1	147,3	16 100	23 000*	63,1	149,0	12 200	27 800*	65,9	150,2	8 400	27 000*	50,0
52,0	58,5	146,1	14 900	22 100*	61,5	147,9	11 100	27 200*	64,4	149,3	7 500	27 000*	52,0
54,0	56,9	144,8	13 700	21 300*	60,0	146,8	10 200	26 400*	62,9	148,3	6 600	27 000*	54,0
56,0	55,3	143,5	12 600	20 500*	58,4	145,6	9 200	25 600*	61,3	147,2	5 800	27 000*	56,0
58,0	53,6	142,0	11 600	19 700*	56,7	144,3	8 400	24 800*	59,8	146,0	5 000	26 900*	58,0
60,0	51,8	140,5	10 700	18 900*	55,1	142,9	7 500	24 000*	58,2	144,8	4 400	26 800*	60,0
62,0	50,1	138,8	9 900	18 200*	53,4	141,4	6 800	23 100*	56,5	143,5	3 700	26 800*	62,0
64,0	48,3	137,0	9 000	17 500*	51,6	139,9	6 100	22 400*	54,9	142,1	3 100	26 700*	64,0
66,0	46,4	135,2	8 300	16 800*	49,9	138,2	5 400	21 500*	53,2	140,6	2 500	26 400*	66,0
68,0	44,5	133,1	7 600	16 100*	48,0	136,4	4 800	20 800*	51,4	139,1	2 000	25 600*	68,0
70,0	42,5	131,0	6 900	15 500*	46,2	134,5	4 200	20 000*	49,6	137,4	1 500	24 800*	70,0
72,0	40,4	128,7	6 200	15 000*	44,2	132,5	3 600	19 300*	47,8	135,6	1 000	24 100	72,0
74,0	38,2	126,2	5 600	14 400*	42,2	130,3	3 100	18 600*	45,9	133,7		23 100	74,0
76,0	35,9	123,5	5 000	13 900*	40,1	128,0	2 600	17 900*	44,0	131,6		22 100	76,0
78,0	33,5	120,6	4 500	13 500*	37,9	125,5	2 100	17 200*	42,0	129,4		21 200	78,0
80,0	30,9	117,3	4 000	13 100*	35,6	122,8	1 700	16 600*	39,8	127,1		20 300	80,0
82,0	28,0	113,7	3 500	12 700*	33,2	119,8	1 200	16 000*	37,6	124,6		19 500	82,0
84,0	24,9	109,6	3 000	12 400*	30,5	116,5		15 600*	35,3	121,8		18 700	84,0
86,0	21,4	104,8	2 500	12 100*	27,7	112,8		15 100*	32,8	118,8		18 000	86,0
88,0	17,1	98,8	2 100	12 000*	24,5	108,6		14 700*	30,2	115,4		17 200	88,0
90,0	11,3	90,6	1 600	11 900*	20,9	103,7		14 300*	27,3	111,7		16 600	90,0
92,0					16,6	97,7		14 100*	24,1	107,5		15 900	92,0
94,0					10,5	89,0		12 900*	20,4	102,4		15 300	94,0
96,0									15,9	96,1		14 600	96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

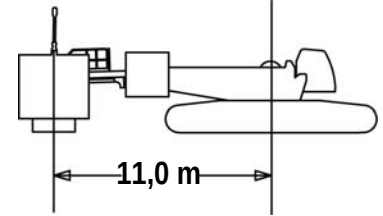
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



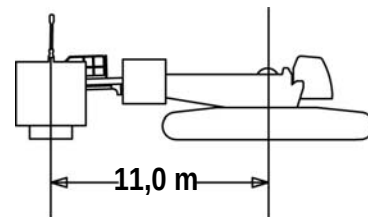
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	66,3	102,5	83 500	97 900*c									18,3
20,0	61,6	101,6	74 600	92 600*b									20,0
22,0	55,9	100,3	66 000	86 500*b	67,2	102,3	57 600	101 500*c					22,0
24,0	49,8	98,7	59 100	80 700*	61,9	101,2	51 400	98 700*b					24,0
26,0	43,0	96,7	53 200	75 300*	56,2	99,9	46 300	93 000*b	67,4	101,6	39 300	101 300c	26,0
28,0	35,1	94,0	48 300	70 800*	50,1	98,3	42 000	87 200*b	62,0	100,6	35 500	95 400b	28,0
30,0	24,9	90,3	43 900	67 400*	43,3	96,3	38 300	81 700*	56,4	99,3	32 400	87 300b	30,0
32,0					35,4	93,7	35 000	76 800*	50,2	97,7	29 600	80 700b	32,0
34,0					25,4	90,0	32 100	71 400*	43,5	95,7	27 100	74 800	34,0
36,0									35,7	93,1	24 900	69 700	36,0
38,0									25,8	89,5	22 900	65 200	38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	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	58,3	98,2	17 000	63 600b								36,0
38,0	52,3	96,7	15 500	59 500b								38,0
40,0	45,8	94,9	14 200	55 800								40,0
42,0	38,4	92,5	13 000	52 500								42,0
44,0	29,4	89,3	11 900	49 500	53,9	95,0	5 700	44 700b				44,0
46,0					47,5	93,3	5 000	42 300				46,0
48,0					40,4	91,1	4 300	40 000				48,0
50,0					31,9	88,1	3 700	37 900				50,0
52,0									48,5	90,8	32 200b	52,0
54,0									41,5	88,7	30 600	54,0
56,0									33,3	85,9	29 100	56,0
58,0									22,4	81,8	27 700	58,0

Liftcrane Luffing Jib Capacities

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

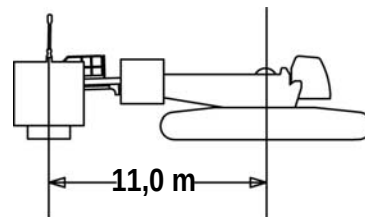
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



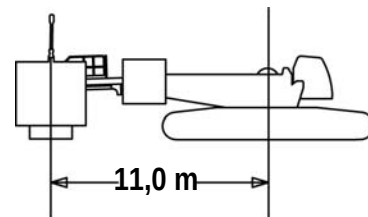
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	68,1	108,4	75 200	84 900*b									19,8
20,0	67,7	108,3	74 400	84 400*b									20,0
22,0	63,5	107,4	65 800	79 500*b									22,0
24,0	59,1	106,2	58 900	74 600*b	67,9	107,9	51 000	88 000*b					24,0
26,0	54,4	104,8	53 100	69 800*	63,7	107,0	45 900	85 700*b					26,0
28,0	49,5	103,2	48 200	65 200*	59,3	105,8	41 600	81 000*b					28,0
30,0	44,1	101,2	44 000	61 100*	54,6	104,4	37 900	76 300*	63,8	106,3	31 800	85 900b	30,0
32,0	38,1	98,8	40 400	57 400*	49,7	102,8	34 700	71 700*	59,4	105,2	29 000	80 200b	32,0
34,0	31,1	95,7	37 100	54 400*	44,3	100,8	31 900	67 300*	54,8	103,8	26 600	74 400	34,0
36,0	22,1	91,4	34 200	52 200*	38,4	98,4	29 400	63 300*	49,8	102,2	24 500	69 400	36,0
38,0					31,4	95,4	27 200	59 800*	44,5	100,2	22 600	64 900	38,0
40,0					22,5	91,2	25 100	57 100*	38,6	97,9	20 900	60 900	40,0
42,0									31,6	94,8	19 300	57 300	42,0
44,0									22,8	90,7	17 800	54 000	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
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	56,3	102,7	13 600	55 300								40,0
42,0	51,5	101,2	12 400	52 000								42,0
44,0	46,3	99,4	11 400	49 100								44,0
46,0	40,6	97,2	10 400	46 400								46,0
48,0	34,1	94,4	9 500	43 900	52,8	99,5	3 600	39 500				48,0
50,0	26,1	90,7	8 600	41 700	47,7	97,7	3 100	37 400				50,0
52,0					42,1	95,6	2 600	35 600				52,0
54,0					35,8	93,0	2 100	33 900				54,0
56,0					28,3	89,6	1 600	32 200	48,4	95,3	28 600	56,0
58,0									43,0	93,3	27 200	58,0
60,0									36,8	90,7	26 000	60,0
62,0									29,5	87,5	24 800	62,0
64,0									19,8	82,8	23 700	64,0

Liftcrane Luffing Jib Capacities

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

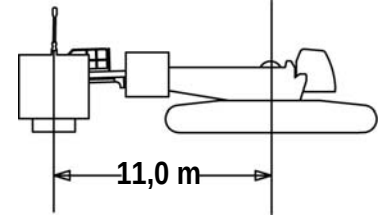
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



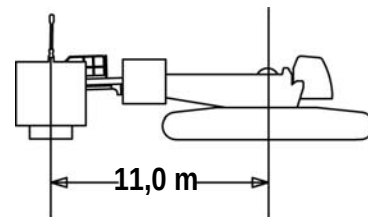
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	66,7	113,6	62 100	70 900* ^b									22,9
24,0	64,7	113,1	58 400	68 700*									24,0
26,0	61,1	112,0	52 500	64 700*	68,4	113,6	45 100	76 700* ^b					26,0
28,0	57,3	110,8	47 700	60 800*	64,9	112,7	40 800	74 800* ^b					28,0
30,0	53,4	109,3	43 500	57 000*	61,2	111,6	37 200	70 900*					30,0
32,0	49,3	107,6	39 900	53 500*	57,5	110,4	34 000	67 100*	65,0	112,1	28 100	76 000* ^b	32,0
34,0	44,8	105,7	36 700	50 200*	53,6	108,9	31 300	63 300*	61,3	111,0	25 800	74 000	34,0
36,0	40,0	103,4	33 900	47 300*	49,4	107,3	28 800	59 600*	57,6	109,8	23 700	68 600	36,0
38,0	34,6	100,7	31 400	44 800*	45,0	105,3	26 600	56 100*	53,7	108,3	21 800	64 200	38,0
40,0	28,2	97,2	29 200	42 700*	40,2	103,1	24 700	52 900*	49,6	106,7	20 100	60 300	40,0
42,0	20,0	92,5	27 000	41 300*	34,8	100,3	22 900	50 000*	45,1	104,7	18 600	56 700	42,0
44,0					28,5	96,9	21 200	47 600*	40,3	102,5	17 200	53 500	44,0
46,0					20,4	92,3	19 700	45 700*	35,0	99,8	15 900	50 600	46,0
48,0									28,7	96,4	14 700	47 900	48,0
50,0									20,7	91,8	13 600	45 400	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0

Liftcrane Luffing Jib Capacities

Luffing Jib 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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	58,9	108,6	11 400	51 200								42,0
44,0	55,0	107,3	10 400	48 300								44,0
46,0	51,0	105,7	9 500	45 600								46,0
48,0	46,6	103,9	8 600	43 200								48,0
50,0	42,0	101,7	7 900	41 000								50,0
52,0	36,8	99,2	7 100	39 000	52,0	104,0	1 500	34 800				52,0
54,0	30,9	96,0	6 400	37 100	47,8	102,2	1 100	33 100				54,0
56,0	23,7	91,9	5 700	35 300	43,2	100,2	700	31 500				56,0
58,0					38,2	97,7		30 000	52,6	101,5	26 300	58,0
60,0					32,5	94,8		28 700	48,4	99,8	25 200	60,0
62,0					25,7	91,0		27 400	43,9	97,8	24 000	62,0
64,0					16,2	85,4		26 100	39,0	95,4	23 000	64,0
66,0									33,4	92,6	21 900	66,0
68,0									26,8	88,9	21 000	68,0
70,0									17,9	83,7	20 000	70,0

Liftcrane Luffing Jib Capacities

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

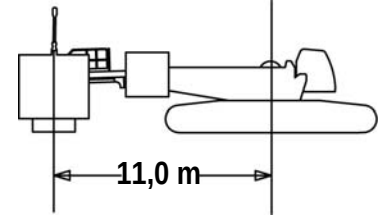
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



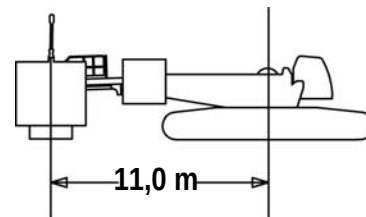
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	65,7	118,8	52 300	60 100*									25,9
26,0	65,6	118,8	52 100	59 900*									26,0
28,0	62,5	117,8	47 200	56 600*	68,7	119,3	40 300	67 200*					28,0
30,0	59,3	116,6	43 100	53 500*	65,7	118,4	36 600	65 600*					30,0
32,0	56,1	115,3	39 500	50 400*	62,6	117,4	33 400	62 500*					32,0
34,0	52,7	113,8	36 300	47 400*	59,5	116,2	30 700	59 400*	65,8	117,8	25 100	66 300*	34,0
36,0	49,1	112,1	33 500	44 600*	56,2	114,9	28 300	56 400*	62,7	116,7	23 000	66 100*	36,0
38,0	45,3	110,2	31 000	42 000*	52,8	113,4	26 100	53 300*	59,6	115,6	21 100	63 700	38,0
40,0	41,3	108,0	28 800	39 700*	49,3	111,7	24 100	50 300*	56,3	114,3	19 500	59 700	40,0
42,0	36,8	105,4	26 800	37 700*	45,5	109,8	22 400	47 600*	52,9	112,8	18 000	56 200	42,0
44,0	31,8	102,4	25 000	35 900*	41,4	107,6	20 800	45 000*	49,4	111,1	16 600	53 000	44,0
46,0	26,0	98,6	23 300	34 400*	37,0	105,1	19 300	42 500*	45,6	109,2	15 400	50 100	46,0
48,0	18,4	93,4	21 700	33 500*	32,1	102,1	18 000	40 500*	41,6	107,1	14 200	47 500	48,0
50,0					26,3	98,3	16 800	38 700*	37,1	104,5	13 200	45 100	50,0
52,0					18,8	93,2	15 600	37 300*	32,2	101,5	12 200	42 800	52,0
54,0									26,5	97,8	11 300	40 800	54,0
56,0									19,1	92,8	10 400	38 800	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	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	
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	60,6	114,4	9 600	47 700							44,0
46,0	57,4	113,2	8 700	45 000							46,0
48,0	54,1	111,8	7 900	42 600							48,0
50,0	50,6	110,2	7 100	40 400							50,0
52,0	46,9	108,3	6 500	38 400							52,0
54,0	42,9	106,2	5 800	36 600	54,9	110,0	32 400				54,0
56,0	38,7	103,8	5 200	34 900	51,5	108,4	30 800				56,0
58,0	33,9	101,0	4 600	33 300	47,8	106,7	29 400				58,0
60,0	28,5	97,6	4 000	31 700	44,0	104,7	28 100				60,0
62,0	21,8	93,1	3 500	30 300	39,8	102,3	26 800				62,0
64,0	11,7	86,0	2 900	28 900	35,2	99,6	25 700	48,4	104,3	22 300	64,0
66,0					30,0	96,4	24 600	44,5	102,3	21 300	66,0
68,0					23,7	92,2	23 500	40,4	100,0	20 400	68,0
70,0					14,9	86,2	22 500	35,9	97,4	19 500	70,0
72,0								30,8	94,2	18 600*	72,0
74,0								24,7	90,2	17 700*	74,0
76,0								16,5	84,6	16 900*	76,0

Liftcrane Luffing Jib Capacities

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

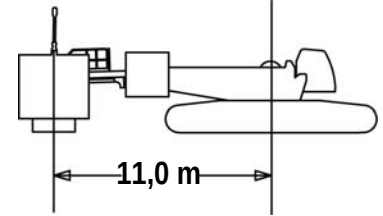
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



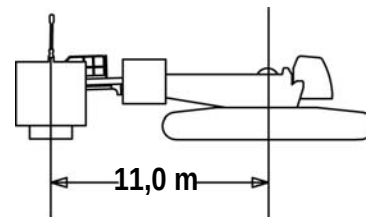
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	64,9	124,0	44 500	51 200*	70,2	125,3	37 600	58 600*					29,0
30,0	63,5	123,5	42 400	49 800*	68,9	124,9	35 800	58 600*					30,0
32,0	60,8	122,4	38 800	47 200*	66,3	124,1	32 600	57 500*					32,0
34,0	58,0	121,2	35 700	44 700*	63,7	123,1	29 900	55 200*					34,0
36,0	55,1	119,8	32 900	42 200*	60,9	122,0	27 500	52 700*	66,4	123,4	22 000	57 600*	36,0
38,0	52,1	118,3	30 400	39 900*	58,1	120,8	25 300	50 200*	63,7	122,5	20 200	57 600*	38,0
40,0	49,0	116,6	28 200	37 700*	55,2	119,4	23 400	47 800*	61,0	121,4	18 600	57 300*	40,0
42,0	45,7	114,7	26 200	35 600*	52,3	117,9	21 600	45 300*	58,2	120,2	17 100	55 200	42,0
44,0	42,2	112,5	24 400	33 800*	49,1	116,2	20 100	43 000*	55,3	118,8	15 700	52 300	44,0
46,0	38,4	110,1	22 800	32 100*	45,8	114,3	18 600	40 700*	52,3	117,3	14 500	49 400	46,0
48,0	34,3	107,3	21 200	30 600*	42,3	112,2	17 300	38 600*	49,2	115,6	13 400	46 800	48,0
50,0	29,7	104,0	19 800	29 200*	38,6	109,8	16 100	36 600*	45,9	113,7	12 400	44 400	50,0
52,0	24,2	99,9	18 500	28 200*	34,5	107,0	15 000	34 900*	42,4	111,6	11 400	42 200	52,0
54,0	17,2	94,3	17 300	27 600*	29,9	103,7	13 900	33 300*	38,7	109,2	10 600	40 200	54,0
56,0					24,5	99,6	13 000	32 000*	34,6	106,4	9 700	38 300	56,0
58,0					17,5	94,1	12 000	31 000*	30,0	103,1	8 900	36 500	58,0
60,0									24,7	99,1	8 200	34 900	60,0
62,0									17,8	93,7	7 500	33 300	62,0
64,0									3,6	82,0	6 600	31 800	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	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	
29,0											29,0
30,0											30,0
32,0											32,0
34,0											34,0
36,0											36,0
38,0											38,0
40,0											40,0
42,0											42,0
44,0											44,0
46,0	61,9	120,2	7 700	44 200							46,0
48,0	59,2	119,0	6 900	41 800							48,0
50,0	56,3	117,7	6 100	39 600							50,0
52,0	53,3	116,3	5 500	37 700							52,0
54,0	50,3	114,6	4 800	35 800							54,0
56,0	47,0	112,8	4 200	34 100							56,0
58,0	43,6	110,8	3 700	32 500	54,1	114,5	28 600				58,0
60,0	40,0	108,5	3 200	31 100	51,1	112,9	27 300				60,0
62,0	36,0	105,8	2 700	29 700	47,9	111,2	26 000				62,0
64,0	31,6	102,7	2 200	28 400	44,5	109,2	24 900				64,0
66,0	26,6	99,0	1 700	27 200	40,9	106,9	23 800	51,5	110,5	20 200*	66,0
68,0	20,3	94,1	1 300	26 000	37,0	104,4	22 800	48,3	108,7	19 200*	68,0
70,0	10,9	86,5	800	24 900	32,8	101,4	21 800	45,0	106,8	18 400*	70,0
72,0					27,9	97,9	20 900	41,5	104,6	17 500*	72,0
74,0					22,1	93,4	20 000	37,6	102,1	16 700*	74,0
76,0					13,9	86,8	19 100	33,4	99,2	15 900*	76,0
78,0								28,7	95,7	15 100*	78,0
80,0								23,0	91,4	14 400*	80,0
82,0								15,4	85,4	13 700*	82,0

Liftcrane Luffing Jib Capacities

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

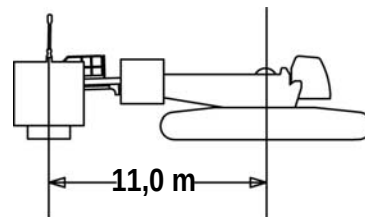
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



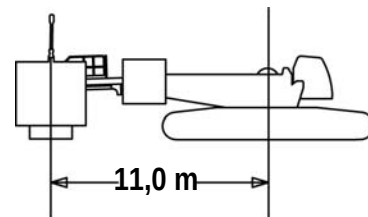
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	66,1	129,9	41 000	45 600*	70,8	131,2	34 300	51 400*					30,5
32,0	64,3	129,2	38 200	44 000*	69,1	130,6	31 900	51 300*					32,0
34,0	61,9	128,2	35 100	41 900*	66,8	129,7	29 200	50 800*					34,0
36,0	59,5	127,0	32 300	39 800*	64,4	128,8	26 800	48 900*					36,0
38,0	57,0	125,7	29 900	37 700*	62,0	127,8	24 600	47 000*					38,0
40,0	54,4	124,3	27 700	35 800*	59,6	126,6	22 700	45 000*	64,5	128,2	17 800	50 300*	40,0
42,0	51,7	122,8	25 700	33 900*	57,1	125,3	21 000	42 900*	62,1	127,1	16 300	50 300*	42,0
44,0	48,9	121,1	23 900	32 100*	54,5	123,9	19 500	40 900*	59,7	126,0	15 000	49 400*	44,0
46,0	46,0	119,2	22 200	30 500*	51,8	122,4	18 000	38 900*	57,2	124,7	13 800	47 500*	46,0
48,0	42,9	117,1	20 800	29 000*	49,0	120,7	16 800	37 000*	54,6	123,3	12 700	45 700*	48,0
50,0	39,6	114,7	19 400	27 600*	46,1	118,8	15 500	35 200*	51,9	121,8	11 700	43 700*	50,0
52,0	36,1	112,1	18 100	26 300*	43,0	116,7	14 500	33 500*	49,1	120,1	10 800	41 700	52,0
54,0	32,2	109,0	16 900	25 200*	39,8	114,4	13 400	31 800*	46,2	118,2	9 900	39 600	54,0
56,0	27,9	105,4	15 800	24 300*	36,3	111,7	12 500	30 300*	43,1	116,1	9 100	37 800	56,0
58,0	22,8	101,1	14 800	23 600*	32,4	108,7	11 600	29 000*	39,9	113,8	8 400	36 000	58,0
60,0	16,1	95,1	13 800	23 100*	28,1	105,2	10 700	27 800*	36,4	111,2	7 600	34 400	60,0
62,0					23,0	100,8	9 900	26 800*	32,5	108,2	7 000	32 900	62,0
64,0					16,5	95,0	9 200	26 100*	28,2	104,6	6 300	31 500	64,0
66,0									23,2	100,3	5 700	30 200	66,0
68,0									16,7	94,5	5 100	28 900	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	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	
30,5											30,5
32,0											32,0
34,0											34,0
36,0											36,0
38,0											38,0
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0	60,5	124,8	5 400	39 000							50,0
52,0	58,0	123,6	4 700	37 000							52,0
54,0	55,4	122,2	4 100	35 200							54,0
56,0	52,8	120,7	3 500	33 500							56,0
58,0	50,0	119,1	3 000	32 000							58,0
60,0	47,2	117,3	2 400	30 500	56,1	120,5	26 600				60,0
62,0	44,2	115,3	2 000	29 100	53,5	119,0	25 400				62,0
64,0	41,0	113,0	1 500	27 900	50,7	117,4	24 200				64,0
66,0	37,6	110,5	1 100	26 700	47,9	115,6	23 200				66,0
68,0	33,8	107,6		25 500	44,9	113,7	22 200				68,0
70,0	29,7	104,3		24 500	41,8	111,5	21 200				70,0
72,0	25,0	100,3		23 400	38,4	109,1	20 300	48,3	113,2	16 600*	72,0
74,0	19,1	95,1		22 500	34,8	106,3	19 500	45,4	111,3	15 800*	74,0
76,0	10,2	87,0		21 500	30,8	103,1	18 600	42,3	109,1	15 000*	76,0
78,0					26,2	99,3	17 900	39,0	106,7	14 300*	78,0
80,0					20,7	94,5	17 100	35,4	104,0	13 600*	80,0
82,0					13,0	87,5	16 300	31,4	100,9	13 000*	82,0
84,0								27,0	97,2	12 300*	84,0
86,0								21,6	92,6	11 700*	86,0
88,0								14,4	86,1	11 100*	88,0

Liftcrane Luffing Jib Capacities

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

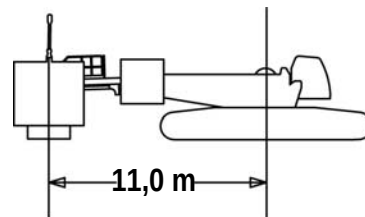
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



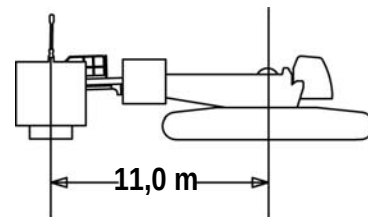
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	65,5	135,1	35 100	39 300*	69,7	136,4	29 000	44 900*					33,5
34,0	65,0	134,9	34 400	38 900*	69,2	136,3	28 400	44 900*					34,0
36,0	62,8	133,9	31 600	37 100*	67,2	135,4	25 900	44 600*					36,0
38,0	60,7	132,8	29 100	35 400*	65,1	134,5	23 800	43 300*					38,0
40,0	58,4	131,6	27 000	33 700*	62,9	133,5	21 900	41 800*	67,2	134,8	16 900	43 700*	40,0
42,0	56,1	130,3	25 000	32 100*	60,7	132,4	20 200	40 200*	65,1	133,9	15 400	43 700*	42,0
44,0	53,8	128,8	23 200	30 500*	58,5	131,2	18 600	38 500*	63,0	132,9	14 100	43 700*	44,0
46,0	51,3	127,2	21 500	29 000*	56,2	129,9	17 200	36 900*	60,8	131,8	12 900	43 600*	46,0
48,0	48,8	125,5	20 100	27 600*	53,9	128,4	15 900	35 200*	58,6	130,6	11 800	42 700*	48,0
50,0	46,2	123,6	18 700	26 300*	51,4	126,9	14 800	33 600*	56,3	129,3	10 800	41 200*	50,0
52,0	43,5	121,6	17 400	25 100*	48,9	125,2	13 700	32 100*	53,9	127,8	9 900	39 600*	52,0
54,0	40,6	119,3	16 300	23 900*	46,3	123,3	12 600	30 500*	51,5	126,3	9 000	38 000*	54,0
56,0	37,5	116,8	15 200	22 900*	43,6	121,2	11 700	29 100*	49,0	124,6	8 300	36 500*	56,0
58,0	34,2	113,9	14 200	21 900*	40,7	118,9	10 800	27 800*	46,4	122,7	7 500	34 900*	58,0
60,0	30,5	110,7	13 200	21 100*	37,6	116,4	10 000	26 600*	43,7	120,6	6 800	33 400*	60,0
62,0	26,4	106,8	12 300	20 400*	34,3	113,6	9 300	25 400*	40,8	118,4	6 200	31 900*	62,0
64,0	21,6	102,2	11 500	19 900*	30,7	110,4	8 500	24 400*	37,7	115,8	5 600	30 500*	64,0
66,0	15,2	95,9	10 600	19 600*	26,6	106,6	7 900	23 500*	34,4	113,0	5 000	29 200*	66,0
68,0					21,8	102,0	7 200	22 800*	30,8	109,8	4 400	28 000*	68,0
70,0					15,6	95,8	6 500	22 200*	26,7	106,0	3 900	26 900*	70,0
72,0									21,9	101,4	3 400	26 000	72,0
74,0									15,8	95,3	2 900	25 000	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

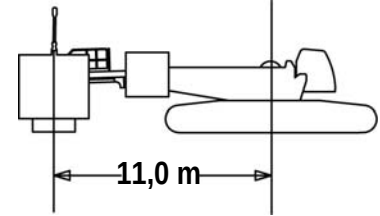
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 11,0 m Position

360 Degree Rating



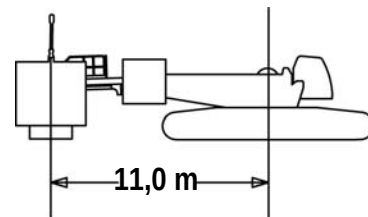
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	64,9	140,3	30 100	34 000*	68,8	141,7	24 400	39 200*					36,6
38,0	63,6	139,6	28 400	33 000*	67,5	141,1	23 000	39 200*					38,0
40,0	61,6	138,6	26 200	31 600*	65,6	140,2	21 100	38 400*					40,0
42,0	59,6	137,4	24 200	30 200*	63,6	139,2	19 300	37 100*					42,0
44,0	57,5	136,1	22 400	28 800*	61,7	138,2	17 800	35 800*	65,6	139,6	13 200	38 100*	44,0
46,0	55,4	134,8	20 800	27 500*	59,7	137,0	16 400	34 500*	63,7	138,6	12 000	38 100*	46,0
48,0	53,3	133,3	19 300	26 200*	57,6	135,7	15 100	33 200*	61,7	137,5	10 900	38 100*	48,0
50,0	51,1	131,7	18 000	25 000*	55,5	134,4	13 900	31 800*	59,7	136,4	9 900	38 000*	50,0
52,0	48,8	130,0	16 700	23 900*	53,4	132,9	12 800	30 500*	57,7	135,1	9 000	37 000*	52,0
54,0	46,4	128,1	15 500	22 800*	51,2	131,4	11 800	29 200*	55,6	133,8	8 200	35 800*	54,0
56,0	43,9	126,1	14 400	21 800*	48,9	129,6	10 900	27 900*	53,4	132,3	7 400	34 500*	56,0
58,0	41,3	123,9	13 500	20 900*	46,5	127,8	10 000	26 700*	51,2	130,7	6 600	33 200*	58,0
60,0	38,6	121,4	12 500	20 000*	44,0	125,7	9 300	25 600*	48,9	129,0	5 900	31 900*	60,0
62,0	35,6	118,7	11 600	19 200*	41,4	123,5	8 500	24 500*	46,6	127,2	5 300	30 700*	62,0
64,0	32,5	115,7	10 800	18 500*	38,7	121,1	7 800	23 500*	44,1	125,1	4 700	29 400*	64,0
66,0	29,0	112,2	10 000	17 900*	35,8	118,4	7 100	22 500*	41,5	122,9	4 100	28 200*	66,0
68,0	25,1	108,2	9 300	17 400*	32,6	115,4	6 500	21 600*	38,8	120,5	3 600	27 100*	68,0
70,0	20,5	103,3	8 600	17 000*	29,2	111,9	5 900	20 800*	35,9	117,8	3 100	26 000*	70,0
72,0	14,5	96,7	7 900	16 800*	25,3	107,9	5 300	20 200*	32,7	114,8	2 600	25 000*	72,0
74,0					20,7	103,1	4 700	19 600*	29,3	111,4	2 200	24 100*	74,0
76,0					14,8	96,5	4 200	19 200*	25,4	107,4	1 700	23 200*	76,0
78,0									20,9	102,6	1 300	22 400	78,0
80,0									15,0	96,1	800	21 600	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 11,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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