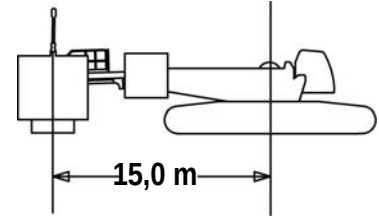


Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 30,0 m Mast No. 59A
150 590 kg Crane Counterweight
54 430 kg Carbody Counterweight
62 530 kg Hanging Counterweight
at 15,0 m Position
360 Degree Rating



16000 MAX-ER

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

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

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

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

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

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

Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8762-B**.

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

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

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

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

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

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

Boom and/or Jib Catwalks Deduct

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

Liftcrane Luffing Jib Capacities

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

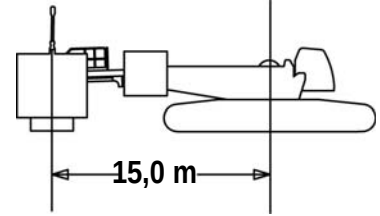
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



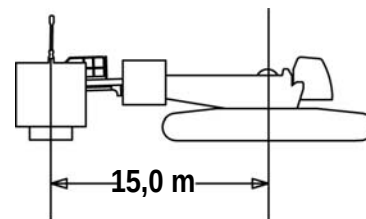
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	147 200	185 400*c									13,7
14,0	70,9	67,4	143 900	181 700*c									14,0
16,0	65,7	66,5	121 500	156 700*b									16,0
18,0	60,2	65,4	105 100	137 600*b									18,0
20,0	54,4	64,0	92 400	123 400*	66,2	66,3	100 600	177 100*b	66,7	66,1	84 200	166 600*b	20,0
22,0	48,1	62,3	82 200	112 300*	60,8	65,3	88 300	159 300*b	61,3	65,0	74 800	150 100b	22,0
24,0	41,1	60,2	73 800	103 800*	55,0	63,9	78 500	140 700*	55,6	63,7	67 200	135 300	24,0
26,0	32,8	57,3	66 700	97 400*	48,8	62,2	70 500	126 900*	49,4	62,0	60 800	122 400	26,0
28,0	21,6	53,1	60 600	89 800*	41,9	60,1	63 800	116 200*	42,6	60,0	55 400	111 700	28,0
30,0					33,7	57,4	58 100	107 900*	34,6	57,3	50 600	102 600	30,0
32,0					23,0	53,4	53 100	97 000*	24,3	53,5	46 500	94 800	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	55 700	118 300b									26,0
28,0	54,4	62,5	50 700	108 000									28,0
30,0	48,1	60,8	46 400	99 200									30,0
32,0	41,1	58,6	42 700	91 700	52,9	60,9	38 800	88 500					32,0
34,0	32,8	55,8	39 400	85 100	46,5	59,1	35 800	82 200					34,0
36,0	21,6	51,5	36 300	79 300	39,2	56,8	33 100	76 600					36,0
38,0					30,4	53,7	30 600	71 700	44,4	57,0	27 500	69 300	38,0
40,0									36,7	54,5	25 600	65 000	40,0
42,0									27,2	51,0	23 700	61 200	42,0
44,0									11,1	44,6	21 900	57 500	44,0

Liftcrane Luffing Jib Capacities

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

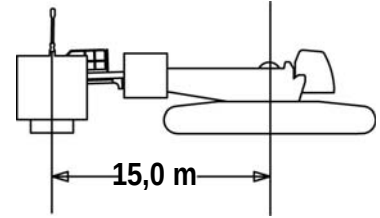
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



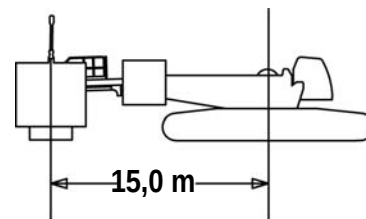
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	129 300	164 200* ^b									15,2
16,0	70,8	73,0	122 100	157 200* ^b									16,0
18,0	66,7	72,2	105 200	138 500* ^b									18,0
20,0	62,4	71,2	92 400	122 900*	67,1	72,0	88 100	156 100* ^b					20,0
22,0	57,9	70,0	82 200	110 900*	62,8	71,0	78 300	146 700*					22,0
24,0	53,2	68,5	73 800	101 500*	58,4	69,8	70 400	129 100*	63,3	70,8	66 900	134 900	24,0
26,0	48,1	66,8	66 900	93 800*	53,7	68,4	63 700	116 800*	58,8	69,6	60 500	122 100	26,0
28,0	42,6	64,7	60 900	87 700*	48,7	66,7	58 000	107 000*	54,2	68,2	55 100	111 400	28,0
30,0	36,4	62,2	55 800	82 800*	43,2	64,7	53 200	99 200*	49,2	66,5	50 500	102 400	30,0
32,0	29,1	58,8	51 400	79 200*	37,1	62,2	48 900	91 800*	43,8	64,5	46 500	94 600	32,0
34,0	19,1	54,0	47 300	71 900*	29,9	59,0	45 200	83 700*	37,7	62,1	42 900	87 900	34,0
36,0					20,4	54,4	41 800	74 700*	30,7	59,0	39 800	82 000	36,0
38,0									21,5	54,6	36 900	76 700	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	46 100	98 900									30,0
32,0	53,2	67,0	42 400	91 300									32,0
34,0	48,1	65,3	39 100	84 800	56,8	66,9	35 300	81 800					34,0
36,0	42,6	63,2	36 200	79 100	52,0	65,4	32 600	76 300					36,0
38,0	36,4	60,6	33 600	74 000	46,8	63,6	30 300	71 400					38,0
40,0	29,1	57,3	31 300	69 500	41,2	61,4	28 200	67 000	50,5	63,4	25 100	64 600	40,0
42,0	19,1	52,5	29 100	65 400	34,8	58,7	26 300	63 100	45,2	61,5	23 400	60 800	42,0
44,0					27,0	55,2	24 500	59 600	39,3	59,2	21 800	57 400	44,0
46,0									32,6	56,3	20 300	54 300	46,0
48,0									24,1	52,3	18 900	51 500	48,0
50,0									9,7	45,0	17 400	48 700	50,0

Liftcrane Luffing Jib Capacities

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

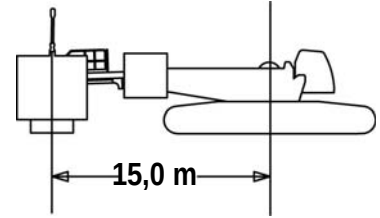
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	114 700	145 600*									16,8
18,0	70,8	78,7	105 200	139 700*									18,0
20,0	67,3	77,9	92 100	124 200*									20,0
22,0	63,8	76,9	81 900	111 300*	67,7	77,7	78 000	138 100*					22,0
24,0	60,1	75,8	73 500	101 200*	64,2	76,8	69 800	132 700*					24,0
26,0	56,3	74,5	66 500	93 000*	60,5	75,7	63 200	120 200*	64,5	76,5	59 900	121 400	26,0
28,0	52,4	73,0	60 600	86 200*	56,8	74,4	57 500	108 900*	60,9	75,4	54 500	110 800	28,0
30,0	48,2	71,3	55 500	80 600*	52,8	72,9	52 700	99 900*	57,1	74,1	49 900	101 800	30,0
32,0	43,6	69,2	51 100	75 900*	48,6	71,2	48 500	92 800*	53,2	72,7	45 900	94 100	32,0
34,0	38,7	66,8	47 200	72 200*	44,1	69,2	44 800	84 800*	49,0	71,0	42 400	87 400	34,0
36,0	33,0	63,9	43 800	69 100*	39,2	66,8	41 600	77 900*	44,6	69,0	39 300	81 500	36,0
38,0	26,4	60,2	40 700	65 800*	33,7	64,0	38 600	71 900*	39,7	66,7	36 500	76 300	38,0
40,0	17,3	54,9	37 900	56 900*	27,1	60,4	36 000	66 500*	34,2	63,9	34 100	71 600	40,0
42,0					18,5	55,3	33 500	59 900*	27,8	60,4	31 700	67 100	42,0
44,0									19,5	55,6	29 600	62 000*	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0

Liftcrane Luffing Jib Capacities

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

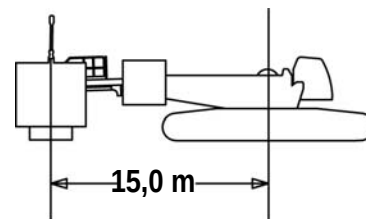
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	60,1	74,3	41 600	90 600									32,0
34,0	56,3	73,0	38 400	84 200									34,0
36,0	52,4	71,5	35 500	78 500									36,0
38,0	48,1	69,7	33 000	73 500									38,0
40,0	43,6	67,7	30 700	69 000	51,4	69,9	27 400	66 400					40,0
42,0	38,7	65,3	28 700	65 000	47,1	68,1	25 500	62 500					42,0
44,0	33,0	62,4	26 800	61 300	42,4	66,0	23 800	59 000	50,1	67,9	20 900	56 700	44,0
46,0	26,4	58,7	25 000	58 000	37,3	63,5	22 300	55 800	45,7	66,0	19 500	53 700	46,0
48,0	17,3	53,4	23 400	55 000	31,5	60,4	20 800	52 900	41,0	63,8	18 200	50 900	48,0
50,0					24,5	56,4	19 500	50 300	35,7	61,1	17 000	48 300	50,0
52,0									29,6	57,8	15 900	46 000	52,0
54,0									21,9	53,4	14 800	43 800	54,0

Liftcrane Luffing Jib Capacities

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

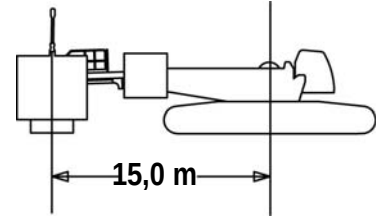
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



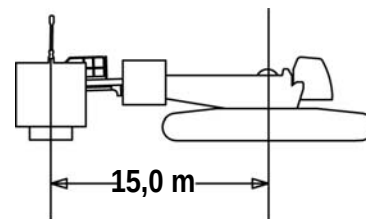
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	102 800	129 500*									18,3
20,0	70,7	84,3	91 900	125 100*									20,0
22,0	67,8	83,6	81 600	113 600*									22,0
24,0	64,8	82,6	73 200	102 200*	68,1	83,4	69 500	122 700*					24,0
26,0	61,7	81,6	66 200	93 400*	65,1	82,5	62 800	118 700					26,0
28,0	58,5	80,4	60 300	86 100*	62,0	81,4	57 100	113 500	65,4	82,2	54 000	110 400	28,0
30,0	55,2	79,0	55 200	80 000*	58,9	80,2	52 300	102 800*	62,3	81,2	49 400	101 300	30,0
32,0	51,8	77,5	50 800	74 900*	55,6	78,9	48 100	93 300*	59,2	80,0	45 400	93 600	32,0
34,0	48,2	75,7	46 900	70 700*	52,1	77,4	44 400	85 300*	55,9	78,7	41 900	86 900	34,0
36,0	44,3	73,7	43 600	67 000*	48,5	75,7	41 200	78 300*	52,5	77,2	38 800	81 100	36,0
38,0	40,2	71,4	40 500	64 000*	44,7	73,7	38 300	72 300*	48,9	75,5	36 100	75 900	38,0
40,0	35,6	68,8	37 800	61 100*	40,6	71,4	35 700	67 000*	45,1	73,5	33 600	71 200	40,0
42,0	30,5	65,6	35 300	56 700*	36,1	68,8	33 400	62 400*	41,0	71,3	31 400	67 100	42,0
44,0	24,3	61,5	33 000	53 100*	31,0	65,7	31 200	58 200*	36,6	68,7	29 400	62 800	44,0
46,0	15,9	55,7	30 900	46 600*	25,0	61,7	29 300	54 300*	31,5	65,6	27 500	58 600*	46,0
48,0					17,0	56,2	27 400	49 200*	25,6	61,8	25 800	54 700*	48,0
50,0									17,9	56,5	24 200	50 600*	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	37 800	83 700									34,0
36,0	58,5	78,9	34 900	78 000									36,0
38,0	55,2	77,5	32 400	72 900									38,0
40,0	51,8	76,0	30 200	68 500									40,0
42,0	48,2	74,2	28 100	64 500	54,4	75,9	24 900	62 000					42,0
44,0	44,3	72,2	26 300	60 900	50,9	74,4	23 200	58 500					44,0
46,0	40,2	69,9	24 600	57 600	47,2	72,6	21 700	55 300					46,0
48,0	35,6	67,3	23 100	54 600	43,3	70,5	20 300	52 500	49,8	72,3	17 600	50 400	48,0
50,0	30,5	64,1	21 600	51 900	39,1	68,1	19 000	49 800	46,1	70,5	16 400	47 800	50,0
52,0	24,3	60,0	20 200	49 400	34,4	65,3	17 800	47 400	42,1	68,3	15 300	45 500	52,0
54,0	15,9	54,2	18 900	47 000	29,1	62,0	16 600	45 200	37,7	65,8	14 300	43 300	54,0
56,0					22,5	57,6	15 600	43 100	32,9	62,9	13 300	41 300	56,0
58,0									27,2	59,3	12 400	39 500	58,0
60,0									20,1	54,5	11 600	37 700	60,0

Liftcrane Luffing Jib Capacities

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

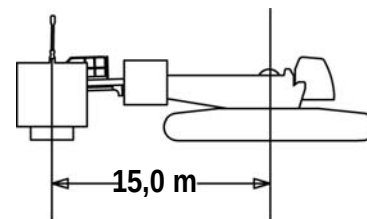
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



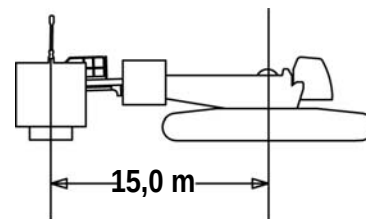
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	73,5	90,7	92 600	115 900*									19,8
20,0	73,2	90,7	91 600	115 500*									20,0
22,0	70,7	90,0	81 100	111 700*									22,0
24,0	68,1	89,2	72 700	104 600*									24,0
26,0	65,5	88,3	65 600	94 500*	68,4	89,1	62 200	109 400*					26,0
28,0	62,9	87,3	59 700	86 600*	65,8	88,2	56 500	105 500*					28,0
30,0	60,1	86,2	54 700	80 100*	63,1	87,2	51 700	100 900*	66,1	87,9	48 700	100 800	30,0
32,0	57,3	84,9	50 300	74 700*	60,4	86,1	47 400	92 800*	63,4	86,9	44 700	93 000	32,0
34,0	54,4	83,5	46 400	70 100*	57,6	84,8	43 800	85 100*	60,7	85,8	41 200	86 300	34,0
36,0	51,3	81,9	43 000	66 100*	54,7	83,4	40 600	78 100*	57,9	84,6	38 100	80 400	36,0
38,0	48,2	80,2	40 000	62 700*	51,7	81,9	37 700	72 200*	55,0	83,2	35 400	75 300	38,0
40,0	44,8	78,2	37 300	59 700*	48,5	80,1	35 100	66 900*	52,0	81,6	32 900	70 700	40,0
42,0	41,3	76,0	34 800	55 900*	45,2	78,2	32 800	62 300*	48,8	79,9	30 800	66 500	42,0
44,0	37,4	73,5	32 600	51 900*	41,6	76,0	30 700	58 100*	45,5	78,0	28 800	62 700	44,0
46,0	33,2	70,6	30 600	48 500*	37,8	73,5	28 800	54 400*	42,0	75,8	26 900	58 600*	46,0
48,0	28,4	67,1	28 700	45 400*	33,6	70,6	27 000	51 000*	38,2	73,4	25 200	54 800*	48,0
50,0	22,6	62,7	27 000	42 900*	28,9	67,2	25 400	47 900*	34,1	70,6	23 700	51 400*	50,0
52,0	14,8	56,5	25 300	38 500*	23,3	63,0	23 800	45 000*	29,4	67,2	22 300	48 300*	52,0
54,0					15,8	57,0	22 400	40 600*	23,9	63,0	20 900	45 400*	54,0
56,0									16,7	57,3	19 600	42 000*	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 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	31 600	72 300									38,0
40,0	57,3	83,4	29 300	67 800									40,0
42,0	54,4	82,0	27 300	63 800									42,0
44,0	51,3	80,4	25 500	60 200									44,0
46,0	48,2	78,7	23 900	57 000	53,6	80,4	20 800	54 600					46,0
48,0	44,8	76,7	22 300	54 000	50,6	78,8	19 400	51 800					48,0
50,0	41,3	74,5	20 900	51 300	47,4	77,0	18 200	49 200					50,0
52,0	37,4	72,0	19 600	48 900	44,0	75,0	17 000	46 800	49,6	76,8	14 400	44 700	52,0
54,0	33,2	69,1	18 400	46 500	40,3	72,7	15 900	44 600	46,3	74,9	13 400	42 600	54,0
56,0	28,4	65,6	17 300	44 400	36,4	70,1	14 900	42 500	42,9	72,9	12 500	40 700	56,0
58,0	22,6	61,2	16 200	42 400	32,1	67,1	13 900	40 600	39,2	70,5	11 700	38 800	58,0
60,0	14,8	55,0	15 100	40 500	27,1	63,4	13 000	38 800	35,1	67,7	10 800	37 100	60,0
62,0					21,0	58,7	12 100	37 200	30,6	64,5	10 100	35 500	62,0
64,0					12,1	51,5	11 200	35 600	25,4	60,6	9 300	34 000	64,0
66,0									18,8	55,5	8 600	32 600	66,0

Liftcrane Luffing Jib Capacities

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

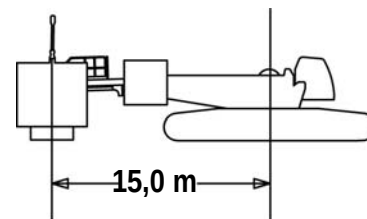
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



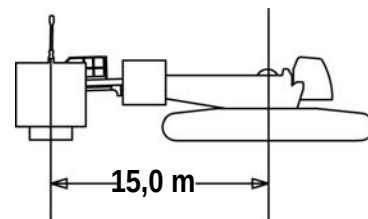
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

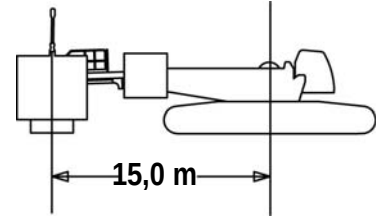
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



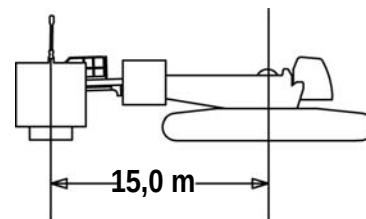
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	72,3	101,9	70 300	79 600*									24,4
26,0	70,7	101,3	64 700	79 300*									26,0
28,0	68,6	100,6	58 700	78 300*									28,0
30,0	66,5	99,7	53 600	74 900*	68,8	100,4	50 500	76 400*					30,0
32,0	64,4	98,7	49 200	71 400*	66,8	99,5	46 300	76 100*					32,0
34,0	62,3	97,7	45 300	67 800*	64,7	98,6	42 600	73 900*	67,0	99,2	39 900	72 500*	34,0
36,0	60,1	96,6	41 900	64 100*	62,5	97,6	39 300	70 400*	64,9	98,3	36 800	72 500*	36,0
38,0	57,8	95,3	38 900	60 500*	60,3	96,4	36 500	67 000*	62,7	97,3	34 100	70 900*	38,0
40,0	55,5	94,0	36 200	56 900*	58,1	95,2	33 900	63 800*	60,5	96,2	31 600	67 600*	40,0
42,0	53,2	92,5	33 700	53 500*	55,8	93,9	31 600	60 600*	58,3	95,0	29 400	64 400*	42,0
44,0	50,7	90,9	31 500	50 300*	53,4	92,4	29 500	57 400*	56,0	93,6	27 400	61 200*	44,0
46,0	48,2	89,1	29 500	47 200*	51,0	90,8	27 600	53 800*	53,6	92,2	25 600	58 000*	46,0
48,0	45,5	87,2	27 700	44 300*	48,4	89,1	25 800	50 400*	51,2	90,6	24 000	54 200*	48,0
50,0	42,7	85,1	26 000	41 700*	45,8	87,2	24 300	47 400*	48,7	88,9	22 400	50 800*	50,0
52,0	39,8	82,8	24 500	39 200*	43,0	85,1	22 800	44 600*	46,1	87,0	21 100	47 800*	52,0
54,0	36,7	80,2	23 000	37 000*	40,1	82,8	21 400	42 100*	43,3	84,9	19 800	45 000*	54,0
56,0	33,3	77,2	21 700	35 000*	37,0	80,2	20 100	39 700*	40,4	82,6	18 500	42 400*	56,0
58,0	29,5	73,8	20 400	33 100*	33,6	77,3	18 900	37 600*	37,3	80,1	17 500	40 000*	58,0
60,0	25,2	69,8	19 300	31 500*	29,9	73,9	17 800	35 500*	34,0	77,2	16 400	37 900*	60,0
62,0	20,1	64,9	18 100	30 200*	25,7	70,0	16 800	33 600*	30,3	73,9	15 400	35 800*	62,0
64,0	13,2	57,8	17 100	27 000*	20,7	65,2	15 800	31 800*	26,2	70,1	14 500	33 900*	64,0
66,0					14,0	58,5	14 800	28 500*	21,3	65,3	13 600	32 100*	66,0
68,0									14,8	58,9	12 700	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

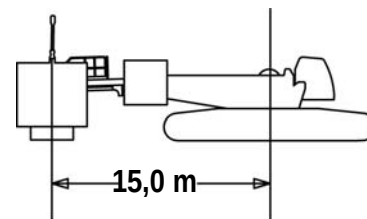
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	69,8	106,6	55 500	65 800*									29,0
30,0	68,8	106,2	53 000	65 500*									30,0
32,0	66,9	105,4	48 500	64 500*	69,0	106,0	45 500	63 600*					32,0
34,0	65,0	104,4	44 600	61 800*	67,1	105,2	41 900	63 400*					34,0
36,0	63,1	103,4	41 200	59 100*	65,2	104,3	38 600	63 100*					36,0
38,0	61,1	102,4	38 200	56 400*	63,3	103,3	35 700	62 700*	65,4	104,0	33 200	60 500*	38,0
40,0	59,1	101,2	35 500	53 600*	61,3	102,2	33 100	62 200*	63,5	103,0	30 800	60 400*	40,0
42,0	57,0	99,9	33 100	50 900*	59,3	101,0	30 800	59 700*	61,5	101,9	28 600	60 300*	42,0
44,0	54,9	98,5	30 800	48 200*	57,2	99,8	28 700	56 100*	59,5	100,8	26 600	60 100*	44,0
46,0	52,7	97,0	28 800	45 700*	55,1	98,4	26 800	52 500*	57,4	99,5	24 800	56 500*	46,0
48,0	50,5	95,4	27 000	43 200*	52,9	96,9	25 100	49 400*	55,3	98,2	23 200	53 000*	48,0
50,0	48,2	93,6	25 300	40 800*	50,7	95,3	23 500	46 500*	53,2	96,7	21 700	49 800*	50,0
52,0	45,8	91,7	23 800	38 600*	48,4	93,6	22 000	43 800*	50,9	95,1	20 200	46 900*	52,0
54,0	43,3	89,6	22 400	36 500*	46,0	91,7	20 600	41 200*	48,6	93,3	19 000	44 100*	54,0
56,0	40,6	87,3	21 000	34 600*	43,5	89,6	19 400	38 900*	46,3	91,5	17 800	41 600*	56,0
58,0	37,8	84,8	19 800	32 800*	40,9	87,3	18 200	36 800*	43,8	89,4	16 700	39 300*	58,0
60,0	34,9	82,1	18 600	31 100*	38,1	84,8	17 100	34 800*	41,2	87,2	15 600	37 100*	60,0
62,0	31,6	78,9	17 500	29 600*	35,2	82,1	16 100	33 000*	38,4	84,7	14 600	35 100*	62,0
64,0	28,1	75,3	16 500	28 200*	32,0	79,0	15 100	31 300*	35,5	82,0	13 700	33 300*	64,0
66,0	24,0	71,1	15 600	27 000*	28,5	75,5	14 200	29 700*	32,3	78,9	12 900	31 500*	66,0
68,0	19,2	65,9	14 600	25 500*	24,5	71,3	13 300	28 200*	28,8	75,5	12 100	29 900*	68,0
70,0	12,5	58,5	13 700	22 500*	19,7	66,2	12 500	26 700*	24,9	71,4	11 300	28 400*	70,0
72,0					13,4	59,2	11 700	23 700*	20,2	66,4	10 500	26 900*	72,0
74,0									14,1	59,6	9 800	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

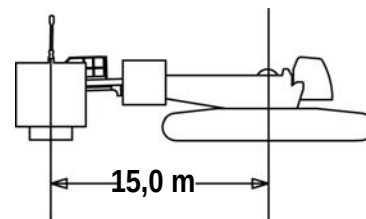
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

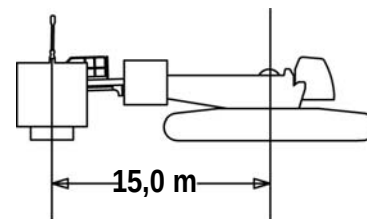
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



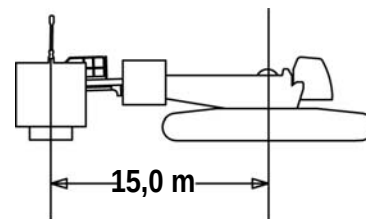
16000 MAX-ER

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

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



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

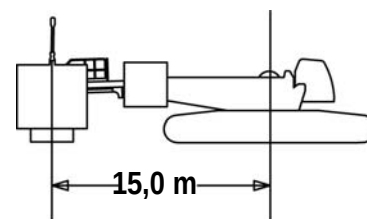
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



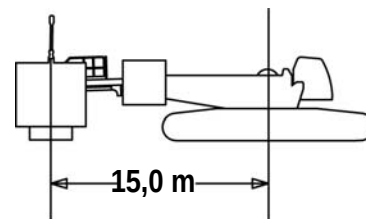
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	67,0	116,5	39 100	45 200*	68,8	117,1	36 400	44 500*					36,6
38,0	65,9	115,8	37 000	44 900*	67,6	116,5	34 400	44 300*					38,0
40,0	64,2	114,9	34 300	44 400*	66,0	115,7	31 800	43 900*					40,0
42,0	62,6	113,8	31 800	43 500*	64,4	114,7	29 500	43 600*	66,2	115,4	27 200	42 300*	42,0
44,0	60,9	112,7	29 600	41 800*	62,8	113,7	27 400	43 200*	64,6	114,4	25 200	42 100*	44,0
46,0	59,2	111,6	27 600	40 200*	61,1	112,6	25 500	42 900*	62,9	113,4	23 400	41 900*	46,0
48,0	57,5	110,3	25 800	38 600*	59,4	111,4	23 800	42 500*	61,3	112,3	21 700	41 600*	48,0
50,0	55,7	109,0	24 100	37 000*	57,7	110,2	22 200	42 100*	59,6	111,2	20 200	41 300*	50,0
52,0	53,9	107,5	22 500	35 400*	55,9	108,8	20 700	41 700*	57,8	109,9	18 800	41 100*	52,0
54,0	52,0	106,0	21 100	33 900*	54,1	107,4	19 300	40 100*	56,1	108,6	17 600	40 900*	54,0
56,0	50,1	104,3	19 800	32 400*	52,2	105,9	18 100	37 800*	54,3	107,2	16 400	40 100*	56,0
58,0	48,2	102,6	18 500	31 000*	50,3	104,2	16 900	35 800*	52,4	105,7	15 300	38 100*	58,0
60,0	46,2	100,7	17 400	29 600*	48,4	102,5	15 800	33 800*	50,5	104,0	14 300	36 100*	60,0
62,0	44,1	98,6	16 400	28 200*	46,4	100,6	14 800	32 000*	48,6	102,3	13 300	34 100*	62,0
64,0	41,9	96,4	15 300	27 000*	44,3	98,6	13 900	30 300*	46,6	100,4	12 400	32 300*	64,0
66,0	39,6	94,1	14 400	25 900*	42,1	96,4	13 000	28 700*	44,5	98,4	11 600	30 500*	66,0
68,0	37,2	91,5	13 500	24 700*	39,8	94,1	12 100	27 300*	42,3	96,3	10 800	29 000*	68,0
70,0	34,7	88,7	12 700	23 700*	37,5	91,5	11 300	25 900*	40,1	93,9	10 000	27 500*	70,0
72,0	31,9	85,6	11 900	22 700*	34,9	88,7	10 600	24 600*	37,7	91,4	9 300	26 100*	72,0
74,0	29,0	82,1	11 100	21 900*	32,2	85,7	9 900	23 300*	35,2	88,6	8 700	24 800*	74,0
76,0	25,7	78,1	10 400	20 900*	29,3	82,2	9 200	22 100*	32,5	85,6	8 000	23 500*	76,0
78,0	22,0	73,5	9 700	19 700*	26,1	78,3	8 600	21 000*	29,6	82,2	7 400	22 300*	78,0
80,0	17,6	67,7	9 000	17 900*	22,4	73,7	7 900	20 000*	26,4	78,3	6 800	21 200*	80,0
82,0	11,4	59,7	8 400	15 300*	18,1	68,2	7 300	18 700*	22,8	73,8	6 200	20 200*	82,0
84,0					12,2	60,5	6 700	16 400*	18,5	68,4	5 700	19 100*	84,0
86,0									12,9	61,0	5 100	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

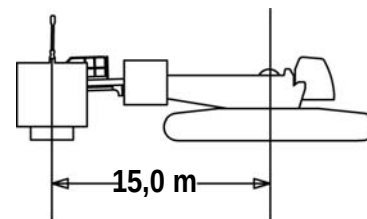
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



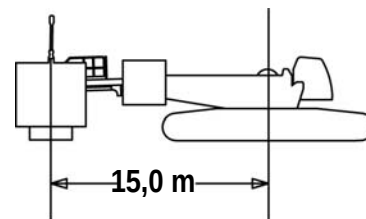
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	65,3	121,0	32 100	37 300*	67,0	121,7	29 700	37 000*					41,1
42,0	64,7	120,6	31 100	37 100*	66,4	121,3	28 700	36 800*					42,0
44,0	63,2	119,6	28 900	36 700*	64,9	120,4	26 600	36 500*	66,5	121,1	24 400	35 500*	44,0
46,0	61,6	118,5	26 900	36 300*	63,3	119,4	24 700	36 100*	65,0	120,1	22 600	35 200*	46,0
48,0	60,1	117,4	25 100	35 600*	61,8	118,4	23 000	35 700*	63,5	119,1	20 900	35 000*	48,0
50,0	58,5	116,2	23 400	34 300*	60,2	117,2	21 400	35 300*	61,9	118,1	19 400	34 700*	50,0
52,0	56,8	114,8	21 800	33 000*	58,6	116,0	19 900	35 000*	60,4	117,0	18 000	34 400*	52,0
54,0	55,2	113,5	20 400	31 800*	57,0	114,7	18 600	34 600*	58,8	115,8	16 800	34 200*	54,0
56,0	53,5	112,0	19 100	30 500*	55,4	113,4	17 300	34 300*	57,2	114,5	15 600	33 900*	56,0
58,0	51,8	110,5	17 900	29 300*	53,7	111,9	16 100	34 000*	55,5	113,1	14 500	33 600*	58,0
60,0	50,0	108,8	16 700	28 200*	51,9	110,4	15 100	33 100*	53,8	111,7	13 500	33 400*	60,0
62,0	48,2	107,0	15 600	27 100*	50,2	108,7	14 100	31 300*	52,1	110,1	12 500	33 000*	62,0
64,0	46,3	105,2	14 600	26 000*	48,4	107,0	13 100	29 600*	50,4	108,5	11 600	31 600*	64,0
66,0	44,4	103,1	13 700	24 900*	46,5	105,1	12 200	28 100*	48,5	106,8	10 800	29 900*	66,0
68,0	42,4	101,0	12 800	23 900*	44,6	103,1	11 400	26 600*	46,7	104,9	10 000	28 300*	68,0
70,0	40,3	98,7	12 000	23 000*	42,6	100,9	10 600	25 200*	44,8	102,9	9 200	26 800*	70,0
72,0	38,1	96,2	11 200	22 100*	40,5	98,6	9 900	23 900*	42,8	100,8	8 500	25 400*	72,0
74,0	35,8	93,4	10 400	21 300*	38,3	96,2	9 200	22 700*	40,7	98,5	7 900	24 100*	74,0
76,0	33,3	90,5	9 700	20 200*	36,0	93,5	8 500	21 500*	38,5	96,0	7 200	22 800*	76,0
78,0	30,7	87,2	9 100	19 200*	33,6	90,5	7 800	20 400*	36,3	93,4	6 600	21 700*	78,0
80,0	27,9	83,6	8 400	18 200*	31,0	87,3	7 300	19 400*	33,8	90,5	6 100	20 600*	80,0
82,0	24,8	79,4	7 800	17 200*	28,2	83,7	6 700	18 400*	31,3	87,3	5 500	19 600*	82,0
84,0	21,2	74,6	7 200	16 300*	25,1	79,6	6 100	17 400*	28,5	83,7	5 000	18 500*	84,0
86,0	16,9	68,6	6 600	14 500*	21,6	74,9	5 600	16 500*	25,4	79,7	4 500	17 600*	86,0
88,0	11,0	60,2	6 100	12 300*	17,4	69,1	5 000	15 300*	21,9	75,0	4 000	16 700*	88,0
90,0					11,8	61,0	4 500	13 300*	17,8	69,3	3 500	15 700*	90,0
92,0									12,4	61,6	3 000	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

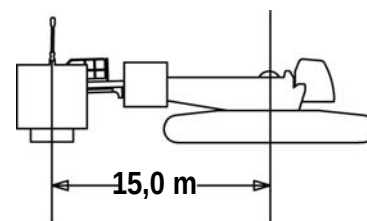
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	147 800	175 900*c									13,7
14,0	71,9	73,5	144 400	173 200*c									14,0
16,0	66,8	72,7	121 900	154 100*b									16,0
18,0	61,4	71,6	105 400	135 300*b									18,0
20,0	55,7	70,3	92 600	121 600*	62,8	71,7	87 600	159 900*b					20,0
22,0	49,5	68,7	82 300	110 900*	57,2	70,4	77 900	141 000*b	64,2	71,5	73 700	148 900b	22,0
24,0	42,6	66,6	73 900	102 700*	51,2	68,9	70 000	127 200*	58,6	70,3	66 000	134 100b	24,0
26,0	34,7	64,0	66 800	96 500*	44,5	66,9	63 300	116 500*	52,7	68,9	59 700	121 400	26,0
28,0	24,4	60,1	60 800	91 300*	36,9	64,4	57 700	108 400*	46,3	67,0	54 400	110 800	28,0
30,0					27,4	61,0	52 700	101 600*	38,9	64,7	49 800	101 800	30,0
32,0					11,6	54,7	48 200	81 100*	30,1	61,6	45 700	94 000	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

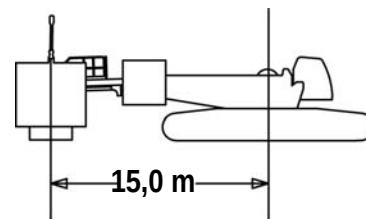
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	48 900	106 500 ^b									28,0
30,0	53,1	67,9	44 700	97 700									30,0
32,0	46,6	66,2	41 100	90 300									32,0
34,0	39,4	63,9	37 900	83 900	53,1	66,6	33 600	80 500					34,0
36,0	30,6	60,8	35 000	78 200	46,7	64,8	31 000	75 000					36,0
38,0	18,1	56,0	32 400	73 000	39,4	62,5	28 800	70 200					38,0
40,0					30,7	59,5	26 700	65 900	46,2	63,0	23 200	63 100	40,0
42,0					18,2	54,6	24 700	61 900	38,9	60,7	21 500	59 400	42,0
44,0									30,0	57,5	20 000	56 100	44,0

Liftcrane Luffing Jib Capacities

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

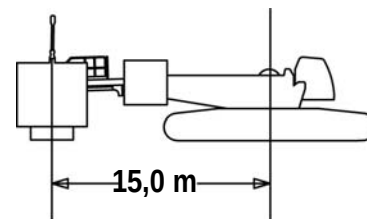
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



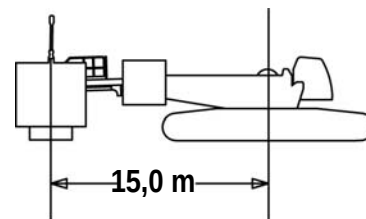
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
15,2	73,2	79,4	129 700	155 600*c									15,2
16,0	71,7	79,2	122 500	151 000*c									16,0
18,0	67,5	78,4	105 400	135 800*b									18,0
20,0	63,3	77,4	92 600	120 600*b	68,6	78,3	87 500	149 400*b					20,0
22,0	58,9	76,2	82 300	109 200*	64,4	77,4	77 700	142 100*b					22,0
24,0	54,2	74,8	73 900	100 100*	60,0	76,3	69 800	129 600*	65,5	77,2	65 700	133 800b	24,0
26,0	49,2	73,2	66 900	92 800*	55,4	74,9	63 200	116 800*	61,2	76,1	59 400	121 000	26,0
28,0	43,8	71,2	61 000	86 800*	50,6	73,3	57 500	107 200*	56,6	74,9	54 100	110 400	28,0
30,0	37,8	68,7	55 900	82 200*	45,3	71,4	52 700	99 500*	51,8	73,3	49 500	101 500	30,0
32,0	30,7	65,6	51 400	78 700*	39,5	69,1	48 500	93 300*	46,7	71,5	45 600	93 800	32,0
34,0	21,6	61,2	47 400	74 900*	32,7	66,2	44 800	86 900*	41,0	69,3	42 100	87 100	34,0
36,0					24,3	62,3	41 500	79 000*	34,5	66,6	39 000	81 300	36,0
38,0					10,2	55,2	38 300	65 100*	26,7	63,0	36 200	76 000	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	40 600	89 900									32,0
34,0	52,1	72,4	37 500	83 500									34,0
36,0	47,0	70,6	34 700	77 900									36,0
38,0	41,3	68,5	32 300	72 900	52,1	71,1	28 300	69 800					38,0
40,0	34,9	65,8	30 000	68 500	47,0	69,3	26 300	65 500					40,0
42,0	27,2	62,2	27 900	64 400	41,3	67,1	24 500	61 700					42,0
44,0	16,0	56,8	26 000	60 800	34,9	64,4	22 800	58 200	46,6	67,5	19 500	55 600	44,0
46,0					27,2	60,9	21 300	55 100	41,0	65,3	18 200	52 700	46,0
48,0					16,1	55,5	19 800	52 100	34,5	62,5	17 000	49 900	48,0
50,0									26,6	59,0	15 800	47 400	50,0

Liftcrane Luffing Jib Capacities

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

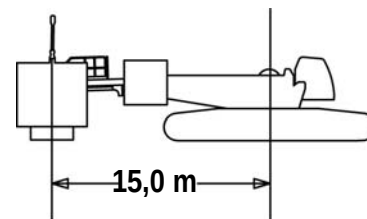
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



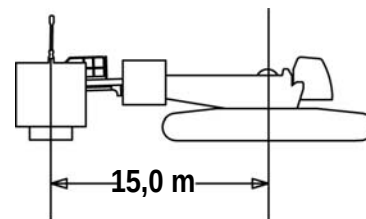
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	115 000	138 700* ^b									16,8
18,0	71,5	84,8	105 400	134 800* ^b									18,0
20,0	68,1	84,0	92 200	120 800*									20,0
22,0	64,5	83,1	81 900	108 700*	69,0	84,0	77 300	132 800* ^b					22,0
24,0	60,9	82,0	73 500	99 100*	65,5	83,1	69 200	127 700*					24,0
26,0	57,2	80,8	66 600	91 200*	61,9	82,0	62 600	119 500*	66,4	82,9	58 700	120 400	26,0
28,0	53,2	79,3	60 600	84 800*	58,2	80,8	57 000	108 400*	62,8	81,9	53 400	109 800	28,0
30,0	49,1	77,6	55 500	79 500*	54,3	79,4	52 200	99 600*	59,1	80,7	48 900	100 900	30,0
32,0	44,6	75,7	51 100	75 000*	50,2	77,8	48 000	92 500*	55,3	79,4	45 000	93 300	32,0
34,0	39,7	73,4	47 200	71 400*	45,8	75,9	44 400	86 500*	51,2	77,8	41 500	86 600	34,0
36,0	34,3	70,6	43 800	67 900*	41,1	73,7	41 100	80 500*	46,9	76,0	38 500	80 800	36,0
38,0	27,9	67,1	40 700	63 300*	35,8	71,1	38 300	74 000*	42,3	73,9	35 700	75 600	38,0
40,0	19,6	62,2	37 900	58 900*	29,7	67,8	35 600	68 300*	37,2	71,4	33 300	71 000	40,0
42,0					22,0	63,4	33 200	62 900*	31,3	68,3	31 100	66 900	42,0
44,0					9,2	55,6	30 900	52 200*	24,2	64,3	29 000	63 100	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16,8													16,8
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0	63,0	80,9	39 800	89 100									32,0
34,0	59,3	79,8	36 700	82 800									34,0
36,0	55,5	78,5	34 000	77 200									36,0
38,0	51,4	76,9	31 500	72 300									38,0
40,0	47,2	75,1	29 400	67 900	55,5	77,1	25 400	64 800					40,0
42,0	42,6	73,0	27 300	63 900	51,5	75,6	23 600	61 000					42,0
44,0	37,5	70,5	25 600	60 300	47,2	73,8	22 100	57 600					44,0
46,0	31,7	67,5	23 900	57 100	42,6	71,7	20 600	54 500	51,2	73,8	17 300	51 900	46,0
48,0	24,6	63,5	22 300	54 100	37,5	69,2	19 200	51 700	46,9	72,0	16 100	49 200	48,0
50,0	14,5	57,5	20 800	51 300	31,7	66,1	18 000	49 100	42,3	69,8	15 000	46 700	50,0
52,0					24,7	62,2	16 800	46 600	37,1	67,3	14 000	44 500	52,0
54,0					14,5	56,2	15 600	44 400	31,3	64,2	13 000	42 400	54,0
56,0									24,2	60,2	12 100	40 400	56,0

Liftcrane Luffing Jib Capacities

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

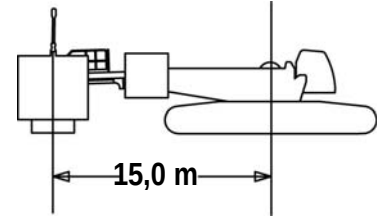
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



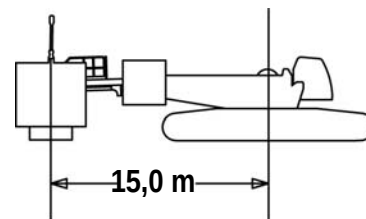
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	73,8	91,1	103 000	123 700*									18,3
20,0	71,3	90,5	92 000	119 600*									20,0
22,0	68,4	89,7	81 600	110 100*									22,0
24,0	65,4	88,8	73 200	99 400*	69,2	89,6	68 900	118 300*					24,0
26,0	62,4	87,8	66 200	91 100*	66,2	88,8	62 200	114 300*					26,0
28,0	59,2	86,6	60 300	84 200*	63,2	87,8	56 600	110 000*	67,0	88,6	52 900	109 400	28,0
30,0	55,9	85,3	55 200	78 500*	60,0	86,7	51 800	102 300*	63,9	87,6	48 300	100 400	30,0
32,0	52,5	83,8	50 800	73 700*	56,8	85,4	47 600	93 800*	60,8	86,5	44 400	92 800	32,0
34,0	48,9	82,1	46 900	69 600*	53,4	83,9	43 900	87 100*	57,6	85,3	41 000	86 100	34,0
36,0	45,1	80,2	43 500	65 900*	49,9	82,3	40 800	80 900*	54,3	83,9	38 000	80 300	36,0
38,0	41,1	77,9	40 500	61 200*	46,2	80,4	37 900	74 400*	50,8	82,3	35 300	75 200	38,0
40,0	36,6	75,4	37 800	56 800*	42,2	78,3	35 300	68 900*	47,1	80,5	32 900	70 600	40,0
42,0	31,6	72,3	35 300	52 900*	37,8	75,8	33 000	64 000*	43,2	78,4	30 700	66 500	42,0
44,0	25,7	68,4	33 000	49 700*	33,0	72,8	30 900	59 600*	38,9	76,0	28 700	62 800	44,0
46,0	18,0	63,2	30 900	46 900*	27,4	69,3	28 900	55 700*	34,2	73,2	26 900	59 400	46,0
48,0					20,3	64,5	27 100	51 500*	28,9	69,8	25 200	56 300	48,0
50,0					8,4	56,0	25 300	42 700*	22,3	65,4	23 600	53 100	50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	33 400	76 700									36,0
38,0	57,8	84,4	30 900	71 700									38,0
40,0	54,5	83,0	28 700	67 300									40,0
42,0	51,0	81,4	26 800	63 400									42,0
44,0	47,3	79,6	25 000	59 900	54,5	81,6	21 400	57 000					44,0
46,0	43,4	77,5	23 400	56 600	51,0	80,0	19 900	53 900					46,0
48,0	39,2	75,2	21 900	53 700	47,3	78,2	18 600	51 100					48,0
50,0	34,5	72,4	20 500	51 000	43,4	76,2	17 400	48 600	50,8	78,2	14 300	46 200	50,0
52,0	29,2	69,0	19 200	48 500	39,2	73,8	16 300	46 200	47,1	76,4	13 300	43 900	52,0
54,0	22,7	64,7	18 000	46 200	34,5	71,1	15 200	44 000	43,2	74,4	12 400	41 800	54,0
56,0	13,3	58,2	16 800	44 100	29,2	67,7	14 200	42 000	38,9	72,0	11 500	39 900	56,0
58,0					22,7	63,4	13 200	40 100	34,2	69,2	10 700	38 200	58,0
60,0									28,8	65,8	9 900	36 500	60,0
62,0									22,3	61,4	9 200	34 900	62,0
64,0									12,5	54,5	8 400	33 400	64,0

Liftcrane Luffing Jib Capacities

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

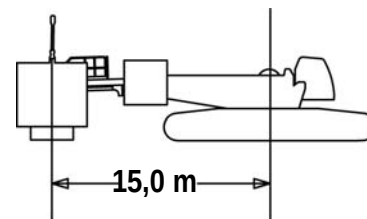
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



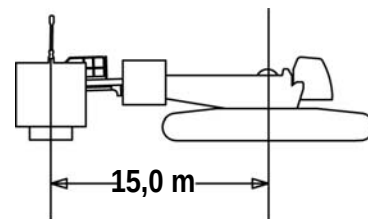
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	92 800	106 400*									19,8
20,0	73,8	96,8	91 700	106 000*									20,0
22,0	71,2	96,1	81 200	101 600*									22,0
24,0	68,7	95,4	72 700	96 600*									24,0
26,0	66,1	94,5	65 700	91 200*	69,3	95,3	61 600	104 000*					26,0
28,0	63,4	93,5	59 700	84 200*	66,8	94,4	55 900	103 000*					28,0
30,0	60,7	92,4	54 600	78 100*	64,1	93,5	51 100	99 400*					30,0
32,0	57,9	91,2	50 300	73 000*	61,4	92,4	46 900	94 400*	64,8	93,3	43 600	92 100	32,0
34,0	55,0	89,8	46 400	68 600*	58,6	91,2	43 300	87 700	62,1	92,3	40 200	85 500	34,0
36,0	52,0	88,3	43 000	64 300*	55,8	89,9	40 100	80 600*	59,3	91,1	37 200	79 700	36,0
38,0	48,8	86,6	40 000	59 700*	52,8	88,4	37 200	74 300*	56,5	89,8	34 500	74 500	38,0
40,0	45,5	84,7	37 200	55 400*	49,7	86,7	34 700	68 700*	53,5	88,4	32 100	69 900	40,0
42,0	42,0	82,5	34 800	51 600*	46,4	84,9	32 400	63 900*	50,5	86,7	30 000	65 900	42,0
44,0	38,2	80,0	32 600	48 200*	43,0	82,8	30 300	59 500*	47,2	84,9	28 000	62 200	44,0
46,0	34,1	77,2	30 600	45 100*	39,3	80,4	28 400	55 700*	43,8	82,9	26 200	58 800	46,0
48,0	29,4	73,9	28 700	42 400*	35,2	77,7	26 600	52 200*	40,2	80,6	24 600	55 800	48,0
50,0	23,9	69,7	27 000	40 200*	30,7	74,5	25 000	49 000*	36,3	78,0	23 100	53 000	50,0
52,0	16,8	64,0	25 300	38 400*	25,5	70,6	23 500	46 000*	31,9	74,9	21 600	49 900*	52,0
54,0					18,9	65,5	22 100	42 800*	26,9	71,2	20 300	46 900*	54,0
56,0									20,8	66,5	19 100	44 100*	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	27 900	66 600									40,0
42,0	56,6	88,9	25 900	62 700									42,0
44,0	53,7	87,5	24 200	59 200									44,0
46,0	50,6	85,8	22 600	56 000	56,7	87,6	19 000	53 200					46,0
48,0	47,4	84,1	21 100	53 000	53,7	86,1	17 700	50 400					48,0
50,0	44,0	82,0	19 800	50 400	50,6	84,5	16 500	47 800					50,0
52,0	40,4	79,8	18 500	47 900	47,4	82,7	15 400	45 500					52,0
54,0	36,5	77,2	17 400	45 700	44,1	80,7	14 400	43 400	50,5	82,7	11 400	41 100	54,0
56,0	32,2	74,1	16 300	43 600	40,4	78,4	13 400	41 400	47,2	80,9	10 600	39 200	56,0
58,0	27,2	70,5	15 200	41 600	36,5	75,8	12 500	39 500	43,8	78,9	9 800	37 400	58,0
60,0	21,1	65,8	14 300	39 800	32,2	72,8	11 700	37 800	40,2	76,6	9 100	35 800	60,0
62,0	12,4	58,8	13 300	38 100	27,2	69,2	10 900	36 200	36,3	74,0	8 400	34 200	62,0
64,0					21,2	64,5	10 100	34 600	31,9	70,9	7 800	32 800	64,0
66,0									26,9	67,2	7 100	31 400	66,0
68,0									20,7	62,5	6 500	30 100	68,0
70,0									11,6	55,1	5 800	28 900	70,0

Liftcrane Luffing Jib Capacities

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

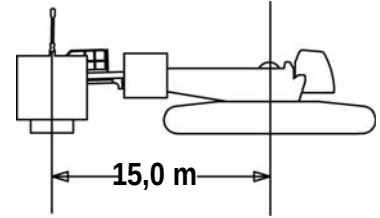
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



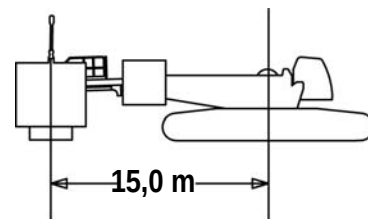
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	77 000	88 300*									22,9
24,0	71,2	101,8	72 400	86 300*									24,0
26,0	68,9	101,0	65 200	82 600*									26,0
28,0	66,6	100,2	59 300	78 700*	69,5	101,0	55 400	85 700*					28,0
30,0	64,2	99,2	54 200	74 500*	67,2	100,1	50 500	85 700*					30,0
32,0	61,8	98,2	49 800	70 200*	64,8	99,2	46 400	85 600*	67,8	99,9	43 000	81 700*	32,0
34,0	59,4	97,0	45 900	65 900*	62,5	98,2	42 800	82 300*	65,4	99,0	39 600	81 700*	34,0
36,0	56,9	95,7	42 500	61 800*	60,0	97,0	39 500	78 200*	63,1	98,0	36 600	79 100	36,0
38,0	54,3	94,3	39 500	57 800*	57,5	95,8	36 700	74 000*	60,6	96,9	33 900	74 000	38,0
40,0	51,6	92,8	36 700	54 100*	54,9	94,4	34 100	68 700*	58,2	95,7	31 500	69 400	40,0
42,0	48,8	91,0	34 300	50 600*	52,3	92,9	31 800	63 800*	55,6	94,3	29 400	65 300	42,0
44,0	45,8	89,1	32 100	47 300*	49,5	91,2	29 800	59 400*	53,0	92,9	27 400	61 700	44,0
46,0	42,8	87,0	30 100	44 300*	46,6	89,4	27 900	55 600*	50,2	91,2	25 600	58 300	46,0
48,0	39,5	84,7	28 300	41 600*	43,6	87,3	26 100	52 100*	47,4	89,4	24 000	55 300	48,0
50,0	35,9	82,0	26 600	39 100*	40,3	85,0	24 500	48 900*	44,4	87,4	22 500	52 500	50,0
52,0	32,1	78,9	25 000	36 900*	36,9	82,4	23 100	46 100*	41,2	85,2	21 100	49 800*	52,0
54,0	27,7	75,3	23 600	35 000*	33,1	79,5	21 700	43 400*	37,8	82,7	19 900	46 800*	54,0
56,0	22,5	70,9	22 200	33 300*	28,9	76,1	20 400	40 900*	34,1	79,8	18 600	44 100*	56,0
58,0	15,8	64,8	20 800	32 100*	24,0	71,9	19 200	38 600*	30,0	76,6	17 500	41 600*	58,0
60,0					17,8	66,4	18 100	36 000*	25,3	72,6	16 500	39 300*	60,0
62,0									19,5	67,5	15 500	37 100*	62,0
64,0									11,0	59,7	14 500	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

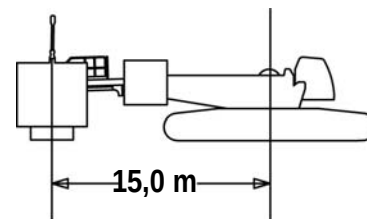
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



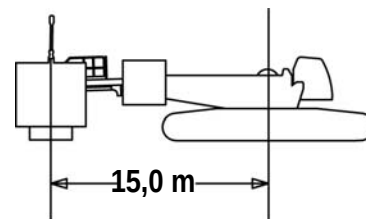
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

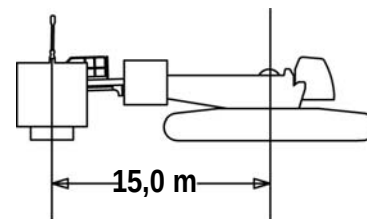
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



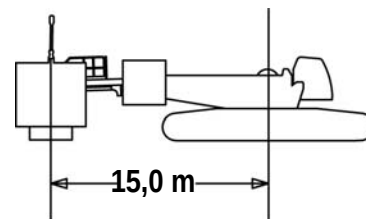
16000 MAX-ER

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

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



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

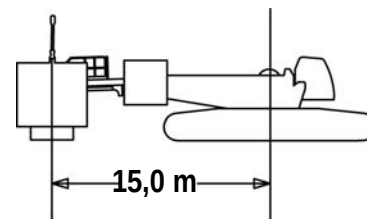
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



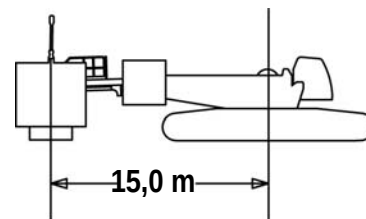
16000 MAX-ER

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

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



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

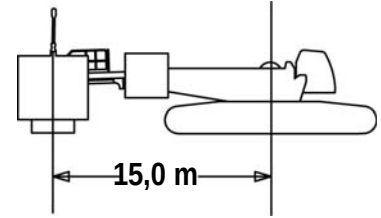
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



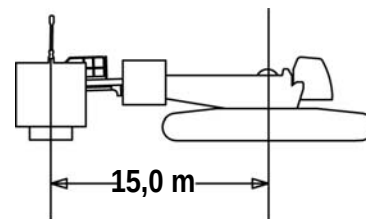
16000 MAX-ER

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

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



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1													38,1
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0	62,2	117,9	14 500	36 600*									52,0
54,0	60,5	116,8	13 400	36 600*									54,0
56,0	58,8	115,6	12 400	36 600*									56,0
58,0	57,1	114,3	11 500	36 600*									58,0
60,0	55,3	112,9	10 600	36 400									60,0
62,0	53,5	111,5	9 700	35 200	57,1	112,9	6 800	32 700					62,0
64,0	51,6	109,9	9 000	33 600	55,3	111,6	6 200	31 400					64,0
66,0	49,7	108,2	8 200	32 100	53,5	110,1	5 500	30 000					66,0
68,0	47,7	106,4	7 600	30 800	51,6	108,6	4 900	28 700					68,0
70,0	45,7	104,5	6 900	29 500	49,7	106,9	4 300	27 500					70,0
72,0	43,6	102,4	6 300	28 400	47,7	105,1	3 800	26 400	51,5	106,8	1 400	24 600	72,0
74,0	41,4	100,2	5 700	27 200	45,7	103,2	3 300	25 400	49,6	105,1	900	23 500	74,0
76,0	39,1	97,8	5 200	26 100	43,6	101,1	2 800	24 300	47,6	103,3		22 600	76,0
78,0	36,6	95,2	4 600	25 100	41,4	98,9	2 400	23 400	45,6	101,3		21 600	78,0
80,0	34,1	92,3	4 100	24 100	39,1	96,5	1 900	22 500	43,4	99,3		20 800	80,0
82,0	31,3	89,1	3 600	23 100	36,7	93,8	1 500	21 600	41,2	97,0		20 000	82,0
84,0	28,3	85,5	3 200	22 000*	34,1	90,9	1 100	20 700	38,9	94,6		19 200	84,0
86,0	25,0	81,4	2 700	20 900*	31,3	87,8		20 000	36,5	92,0		18 400	86,0
88,0	21,1	76,6	2 300	19 800*	28,3	84,2		19 200	33,9	89,1		17 700	88,0
90,0	16,4	70,5	1 900	18 800*	25,0	80,1		18 500	31,1	85,9		17 000	90,0
92,0					21,1	75,3		17 800	28,1	82,3		16 400	92,0
94,0					16,4	69,2		17 100	24,7	78,1		15 700	94,0
96,0					9,6	60,1		16 400	20,9	73,2		15 100	96,0
98,0									16,1	67,0		14 600	98,0
100,0									9,0	57,6		13 900	100,0

Liftcrane Luffing Jib Capacities

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

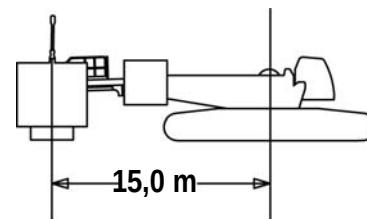
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



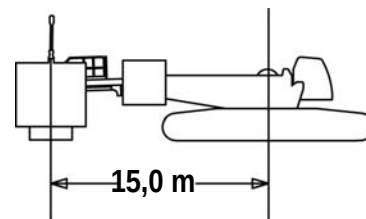
16000 MAX-ER

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

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



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

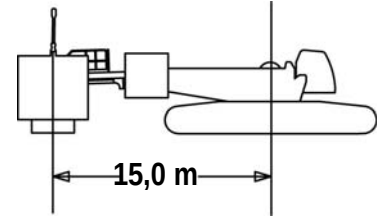
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



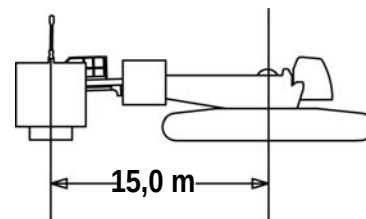
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	148 000	177 500*c									13,7
14,0	73,0	79,7	144 600	174 200*c									14,0
16,0	67,9	78,9	121 900	151 700*c									16,0
18,0	62,5	77,9	105 400	133 800*b									18,0
20,0	56,9	76,6	92 600	120 400*b	64,8	78,0	86 800	158 500*b					20,0
22,0	50,8	75,1	82 300	109 900*	59,3	76,8	77 100	142 100*b					22,0
24,0	44,2	73,1	73 800	101 800*	53,4	75,4	69 200	127 900*	61,6	76,9	64 700	132 900b	24,0
26,0	36,5	70,6	66 800	95 700*	47,0	73,6	62 700	117 100*	55,9	75,6	58 400	120 200b	26,0
28,0	26,9	67,1	60 700	91 800*	39,8	71,4	57 000	108 800*	49,7	73,9	53 200	109 700	28,0
30,0					31,2	68,4	52 100	102 700	42,9	71,9	48 700	100 900	30,0
32,0					19,1	63,7	47 800	91 900	35,0	69,2	44 700	93 200	32,0
34,0									24,8	65,5	41 200	86 400	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
13,7													13,7
14,0													14,0
16,0													16,0
18,0													18,0
20,0													20,0
22,0													22,0
24,0													24,0
26,0													26,0
28,0													28,0
30,0	57,7	74,9	42 800	96 200b									30,0
32,0	51,7	73,4	39 300	88 800									32,0
34,0	45,1	71,5	36 200	82 500									34,0
36,0	37,6	69,1	33 500	76 900	53,2	72,3	28 800	73 200					36,0
38,0	28,3	65,7	31 000	71 900	46,8	70,5	26 600	68 500					38,0
40,0					39,6	68,2	24 700	64 300					40,0
42,0					30,9	65,2	22 900	60 500	48,0	69,0	19 100	57 500	42,0
44,0					18,6	60,5	21 200	57 000	41,0	66,8	17 700	54 300	44,0
46,0									32,6	63,9	16 400	51 300	46,0
48,0									21,4	59,7	15 200	48 500	48,0

Liftcrane Luffing Jib Capacities

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

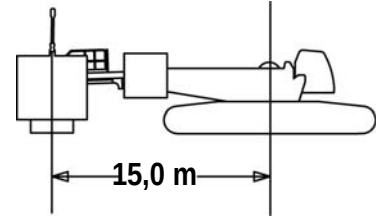
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



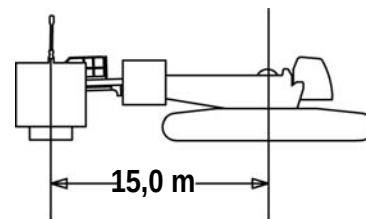
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	115 200	144 100*b									16,8
18,0	68,4	84,5	105 600	133 500*b									18,0
20,0	64,2	83,6	92 500	119 100*b	70,1	84,6	86 600	150 300*b					20,0
22,0	59,8	82,5	82 200	107 900*	66,0	83,7	76 900	141 900*b					22,0
24,0	55,2	81,1	73 800	99 100*	61,7	82,7	69 000	130 100*					24,0
26,0	50,3	79,5	66 800	91 900*	57,2	81,4	62 400	117 200*	63,4	82,6	58 100	119 800b	26,0
28,0	45,0	77,6	60 900	86 100*	52,4	79,9	56 900	107 500*	59,0	81,5	52 900	109 300	28,0
30,0	39,1	75,3	55 800	81 600*	47,3	78,1	52 100	99 800*	54,4	80,1	48 400	100 500	30,0
32,0	32,3	72,3	51 400	78 200*	41,7	76,0	47 900	93 600*	49,4	78,4	44 500	92 900	32,0
34,0	23,8	68,3	47 300	74 000*	35,3	73,3	44 300	88 500*	44,0	76,4	41 100	86 300	34,0
36,0					27,7	69,8	41 000	82 100*	38,0	74,0	38 100	80 500	36,0
38,0					16,9	64,6	38 000	71 200*	31,0	70,9	35 400	75 300	38,0
40,0									21,9	66,6	32 900	70 600	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	38 700	88 300									32,0
34,0	55,8	79,4	35 700	82 000									34,0
36,0	51,0	77,8	33 100	76 500									36,0
38,0	45,7	76,0	30 700	71 600									38,0
40,0	40,0	73,7	28 500	67 200	52,2	76,8	24 200	63 800					40,0
42,0	33,3	70,9	26 600	63 300	47,1	75,0	22 500	60 100					42,0
44,0	25,1	67,1	24 800	59 700	41,5	72,8	21 000	56 700					44,0
46,0					35,1	70,2	19 500	53 700	48,1	73,4	15 900	50 900	46,0
48,0					27,4	66,7	18 200	50 900	42,6	71,3	14 700	48 200	48,0
50,0					16,5	61,3	16 900	48 300	36,3	68,8	13 700	45 800	50,0
52,0									29,0	65,5	12 700	43 500	52,0
54,0									18,9	60,6	11 700	41 400	54,0

Liftcrane Luffing Jib Capacities

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

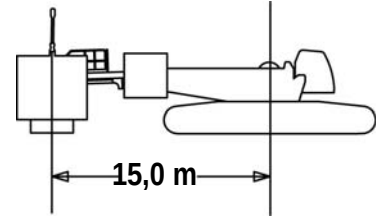
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	103 100	131 300*									18,3
20,0	68,8	90,2	92 200	118 800*									20,0
22,0	65,3	89,3	81 800	107 100*									22,0
24,0	61,7	88,3	73 400	97 700*	66,8	89,4	68 500	127 300*					24,0
26,0	58,0	87,0	66 400	90 100*	63,2	88,4	61 900	119 500*					26,0
28,0	54,1	85,6	60 500	83 900*	59,5	87,2	56 300	108 400*	64,7	88,3	52 200	108 800	28,0
30,0	49,9	84,0	55 400	78 700*	55,7	85,9	51 500	99 700*	61,0	87,3	47 700	99 800	30,0
32,0	45,6	82,1	51 000	74 400*	51,7	84,4	47 400	92 600*	57,3	86,0	43 800	92 300	32,0
34,0	40,8	79,9	47 200	70 000*	47,4	82,6	43 800	86 800*	53,4	84,6	40 500	85 700	34,0
36,0	35,5	77,2	43 700	64 600*	42,8	80,5	40 600	82 000	49,2	82,9	37 500	79 900	36,0
38,0	29,3	73,9	40 600	60 200*	37,8	78,1	37 700	76 300	44,8	80,9	34 800	74 800	38,0
40,0	21,6	69,4	37 900	56 900*	32,0	75,0	35 200	70 300*	39,9	78,6	32 400	70 300	40,0
42,0					25,1	71,2	32 800	65 100*	34,5	75,9	30 300	66 200	42,0
44,0					15,3	65,3	30 600	57 000*	28,1	72,4	28 300	62 400	44,0
46,0									19,9	67,7	26 400	58 900	46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0

Liftcrane Luffing Jib Capacities

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

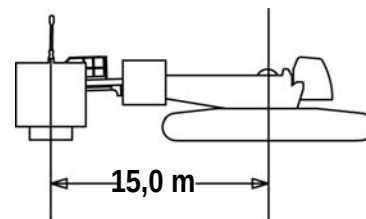
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	32 200	75 800									36,0
38,0	54,6	83,9	29 900	70 900									38,0
40,0	50,5	82,3	27 800	66 600									40,0
42,0	46,2	80,5	25 900	62 700	55,6	82,8	21 600	59 400					42,0
44,0	41,5	78,3	24 200	59 200	51,6	81,2	20 100	56 000					44,0
46,0	36,2	75,7	22 600	56 000	47,3	79,5	18 700	53 000					46,0
48,0	30,2	72,5	21 100	53 100	42,7	77,4	17 400	50 200					48,0
50,0	22,8	68,2	19 700	50 400	37,6	74,9	16 300	47 700	48,1	77,9	12 800	45 100	50,0
52,0					31,9	71,9	15 200	45 400	43,6	75,9	11 900	42 800	52,0
54,0					24,9	68,0	14 100	43 200	38,6	73,5	11 000	40 800	54,0
56,0					14,9	62,0	13 100	41 200	33,0	70,6	10 200	38 900	56,0
58,0									26,3	66,9	9 400	37 200	58,0
60,0									17,1	61,5	8 600	35 500	60,0

Liftcrane Luffing Jib Capacities

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

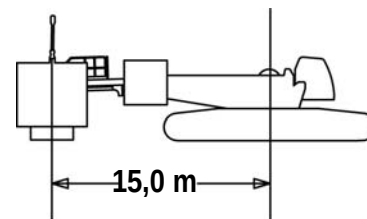
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



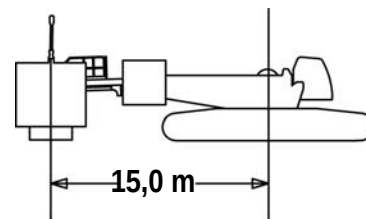
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	93 100	112 800*									19,8
20,0	71,9	96,6	92 000	112 300*									20,0
22,0	69,0	95,9	81 600	106 100*									22,0
24,0	66,1	95,0	73 100	98 000*									24,0
26,0	63,0	94,0	66 100	89 700*	67,3	95,1	61 400	114 100*					26,0
28,0	59,9	92,9	60 100	83 100*	64,3	94,1	55 800	108 700*					28,0
30,0	56,6	91,6	55 100	77 500*	61,2	93,0	51 100	101 500*	65,5	94,1	47 100	99 400	30,0
32,0	53,2	90,1	50 700	72 800*	58,0	91,8	46 900	93 600*	62,5	93,0	43 300	91 700	32,0
34,0	49,7	88,5	46 800	67 700*	54,7	90,4	43 400	87 000*	59,3	91,9	39 900	85 200	34,0
36,0	46,0	86,6	43 400	62 600*	51,2	88,8	40 200	81 500*	56,0	90,5	36 900	79 400	36,0
38,0	41,9	84,4	40 400	58 000*	47,5	87,1	37 300	75 900*	52,6	89,1	34 300	74 300	38,0
40,0	37,6	81,9	37 700	53 900*	43,7	85,0	34 800	70 200*	49,1	87,3	31 900	69 800	40,0
42,0	32,7	79,0	35 200	50 300*	39,4	82,7	32 500	65 000*	45,3	85,4	29 800	65 700	42,0
44,0	27,0	75,3	33 000	47 300*	34,8	79,9	30 400	60 300*	41,2	83,2	27 800	62 100	44,0
46,0	19,9	70,5	30 800	45 100*	29,5	76,6	28 500	56 200*	36,8	80,7	26 100	58 700	46,0
48,0					23,1	72,4	26 700	52 700*	31,8	77,6	24 400	55 700	48,0
50,0					14,1	66,1	25 000	46 900*	25,9	73,8	22 900	52 900	50,0
52,0									18,3	68,6	21 500	50 100	52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

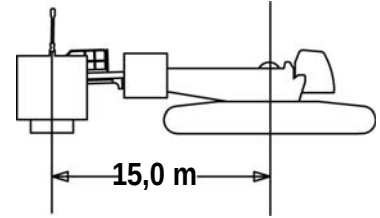
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



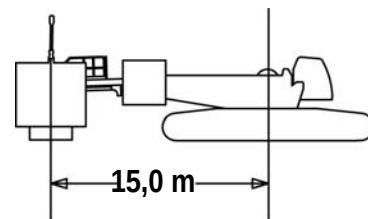
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	84 300	96 700*									21,3
22,0	71,8	102,3	81 200	95 200*									22,0
24,0	69,2	101,5	72 600	90 600*									24,0
26,0	66,6	100,7	65 600	85 500*	70,3	101,5	60 700	98 400*					26,0
28,0	64,0	99,7	59 600	80 300*	67,7	100,7	55 200	97 600*					28,0
30,0	61,3	98,7	54 500	75 100*	65,1	99,8	50 400	94 000*					30,0
32,0	58,5	97,4	50 100	70 000*	62,4	98,8	46 300	89 100*	66,2	99,7	42 500	91 000	32,0
34,0	55,6	96,1	46 300	65 200*	59,6	97,6	42 700	84 000*	63,5	98,7	39 100	84 500	34,0
36,0	52,6	94,6	42 800	60 600*	56,8	96,3	39 500	78 800*	60,8	97,7	36 200	78 700	36,0
38,0	49,5	92,9	39 800	56 300*	53,9	94,9	36 700	73 600*	58,0	96,4	33 500	73 700	38,0
40,0	46,2	91,1	37 100	52 400*	50,8	93,3	34 100	68 700*	55,1	95,1	31 200	69 100	40,0
42,0	42,8	88,9	34 700	48 900*	47,6	91,5	31 900	63 900*	52,1	93,5	29 100	65 100	42,0
44,0	39,1	86,6	32 500	45 700*	44,2	89,5	29 800	59 500*	48,9	91,8	27 100	61 400	44,0
46,0	35,0	83,8	30 400	42 800*	40,6	87,3	27 900	55 400*	45,6	89,9	25 400	58 200	46,0
48,0	30,5	80,6	28 600	40 400*	36,7	84,7	26 200	51 700*	42,1	87,8	23 800	55 100	48,0
50,0	25,2	76,7	26 900	38 300*	32,4	81,7	24 600	48 300*	38,4	85,3	22 300	52 400	50,0
52,0	18,5	71,4	25 200	36 700*	27,5	78,1	23 100	45 400*	34,2	82,5	20 900	49 800	52,0
54,0					21,5	73,5	21 700	42 900*	29,6	79,2	19 700	47 500	54,0
56,0					13,1	66,7	20 400	38 800*	24,1	75,1	18 500	45 300	56,0
58,0									17,0	69,5	17 300	42 600*	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

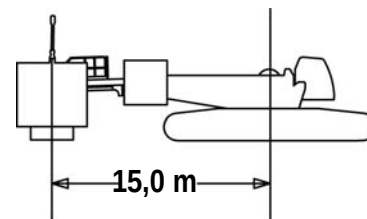
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



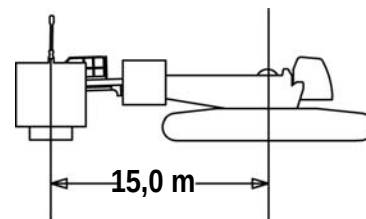
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

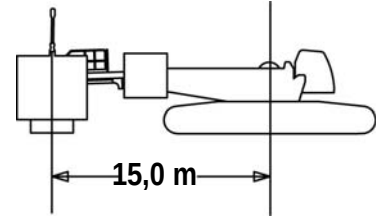
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



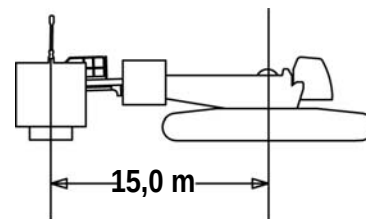
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

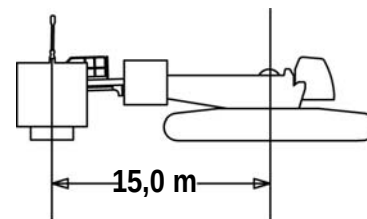
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



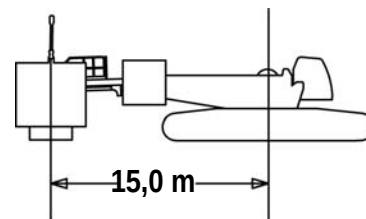
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

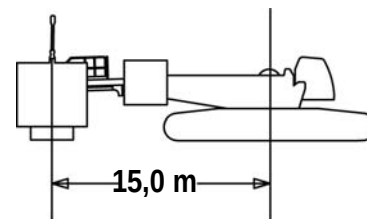
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



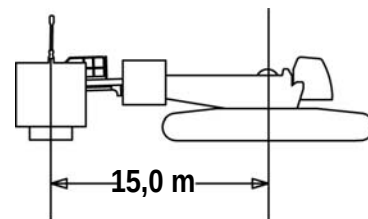
16000 MAX-ER

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

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



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	61,1	117,7	14 000	42 000*								52,0
54,0	59,2	116,5	12 900	41 700								54,0
56,0	57,4	115,2	11 900	40 100								56,0
58,0	55,4	113,9	11 000	38 200								58,0
60,0	53,5	112,4	10 100	36 400								60,0
62,0	51,4	110,8	9 300	34 800	55,9	112,7	6 100	32 300				62,0
64,0	49,4	109,2	8 600	33 300	54,0	111,3	5 400	30 800				64,0
66,0	47,2	107,3	7 900	31 900	52,0	109,7	4 800	29 500				66,0
68,0	45,0	105,4	7 200	30 600	49,9	108,1	4 200	28 300				68,0
70,0	42,6	103,2	6 600	29 300	47,8	106,3	3 700	27 100				70,0
72,0	40,2	100,9	6 000	28 100	45,5	104,4	3 200	26 000	50,3	106,5	23 900	72,0
74,0	37,6	98,4	5 500	27 000	43,2	102,3	2 700	24 900	48,1	104,7	22 900	74,0
76,0	34,9	95,6	4 900	26 000	40,8	100,0	2 300	23 900	45,9	102,8	22 000	76,0
78,0	32,0	92,5	4 400	25 000	38,3	97,5	1 800	23 000	43,7	100,8	21 100	78,0
80,0	28,8	89,0	3 900	24 000	35,6	94,8	1 400	22 100	41,3	98,6	20 200	80,0
82,0	25,2	84,9	3 500	23 100	32,7	91,8	1 000	21 300	38,8	96,1	19 400	82,0
84,0	21,0	80,1	3 000	22 200	29,6	88,4		20 400	36,1	93,4	18 700	84,0
86,0	15,8	73,9	2 500	21 400	26,1	84,5		19 700	33,3	90,5	18 000	86,0
88,0	7,4	63,5	2 000	19 500	22,1	79,9		18 900	30,2	87,2	17 200	88,0
90,0					17,3	74,1		18 200	26,8	83,4	16 600	90,0
92,0					10,2	65,6		17 500	22,9	78,9	15 900	92,0
94,0									18,2	73,4	15 300	94,0
96,0									11,8	65,6	14 700	96,0

Liftcrane Luffing Jib Capacities

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

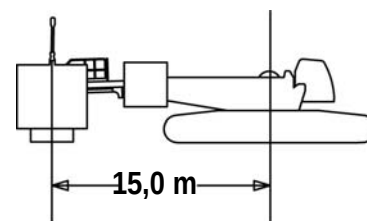
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



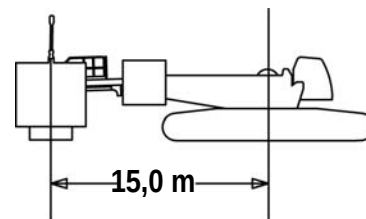
16000 MAX-ER

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

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



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	61,8	123,4	12 100	35 500*								54,0
56,0	60,2	122,3	11 200	35 500*								56,0
58,0	58,4	121,1	10 300	35 500*								58,0
60,0	56,7	119,8	9 400	35 300								60,0
62,0	54,9	118,4	8 600	34 300								62,0
64,0	53,1	116,9	7 800	32 700	57,1	118,6	4 600	30 200				64,0
66,0	51,2	115,3	7 200	31 300	55,4	117,3	4 000	28 900				66,0
68,0	49,3	113,6	6 500	30 000	53,5	115,8	3 500	27 600				68,0
70,0	47,3	111,8	5 900	28 700	51,7	114,2	2 900	26 500				70,0
72,0	45,2	109,8	5 300	27 600	49,8	112,6	2 400	25 400				72,0
74,0	43,1	107,7	4 800	26 500	47,8	110,8	2 000	24 300	52,0	112,6	22 200	74,0
76,0	40,9	105,5	4 200	25 400	45,8	108,9	1 500	23 300	50,1	111,0	21 300	76,0
78,0	38,5	103,0	3 700	24 400	43,6	106,8	1 100	22 400	48,1	109,2	20 400	78,0
80,0	36,1	100,3	3 300	23 500	41,4	104,6		21 500	46,1	107,3	19 600	80,0
82,0	33,5	97,4	2 800	22 600	39,1	102,2		20 700	44,0	105,3	18 800	82,0
84,0	30,7	94,1	2 400	21 700	36,7	99,5		19 900	41,8	103,1	18 100	84,0
86,0	27,6	90,5	1 900	20 900	34,2	96,7		19 100	39,6	100,7	17 300	86,0
88,0	24,1	86,2	1 500	20 100	31,4	93,5		18 400	37,2	98,1	16 700	88,0
90,0	20,1	81,2	1 100	19 400	28,4	89,9		17 700	34,6	95,3	16 000	90,0
92,0	15,1	74,7		18 600*	25,1	85,9		17 000	31,9	92,2	15 400	92,0
94,0	7,1	63,9		16 200*	21,2	81,1		16 300	29,0	88,7	14 700	94,0
96,0					16,6	75,0		15 700	25,7	84,7	14 100*	96,0
98,0									22,0	80,1	13 500*	98,0
100,0									17,5	74,3	12 900*	100,0
102,0									11,3	66,2	12 200*	102,0

Liftcrane Luffing Jib Capacities

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

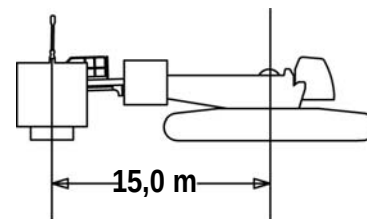
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



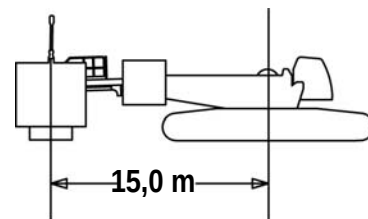
16000 MAX-ER

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

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



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

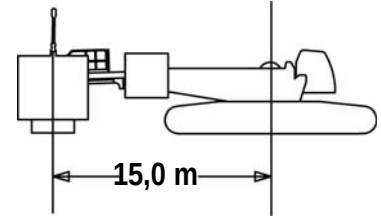
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



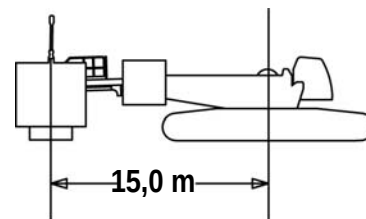
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	129 600	154 000*c									15,2
16,0	69,0	85,0	122 400	146 800*c									16,0
18,0	63,7	84,1	105 300	129 800*b									18,0
20,0	58,1	82,9	92 500	117 100*b	66,7	84,3	85 900	148 100*c					20,0
22,0	52,1	81,4	82 200	107 200*b	61,3	83,2	76 200	138 400*b					22,0
24,0	45,6	79,5	73 700	99 300*	55,6	81,9	68 400	126 100*b	64,4	83,4	63 100	131 500b	24,0
26,0	38,2	77,1	66 700	93 400*	49,4	80,3	61 900	115 300*	58,9	82,2	57 000	118 900b	26,0
28,0	29,1	73,9	60 600	89 400*	42,6	78,2	56 300	107 000*	53,0	80,7	51 900	108 600b	28,0
30,0	15,4	68,5	55 200	79 100*	34,6	75,6	51 500	100 900*	46,5	78,9	47 400	99 700	30,0
32,0					24,3	71,7	47 300	95 100	39,3	76,6	43 600	92 200	32,0
34,0									30,5	73,6	40 200	85 600	34,0
36,0									17,9	68,7	37 000	79 700	36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	37 200	87 100b									32,0
34,0	50,3	78,8	34 300	80 900									34,0
36,0	43,5	76,8	31 700	75 500									36,0
38,0	35,7	74,2	29 400	70 600	53,4	78,0	24 200	66 600b					38,0
40,0	25,8	70,6	27 200	66 200	47,0	76,2	22 400	62 500					40,0
42,0					39,8	73,9	20 800	58 900					42,0
44,0					31,2	70,9	19 300	55 600					44,0
46,0									43,0	72,9	13 900	49 400	46,0
48,0									35,1	70,2	12 900	46 800	48,0
50,0									24,9	66,5	11 800	44 400	50,0

Liftcrane Luffing Jib Capacities

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

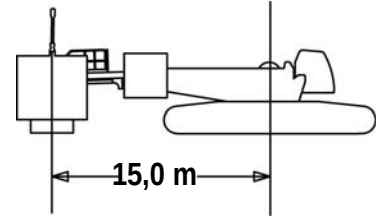
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



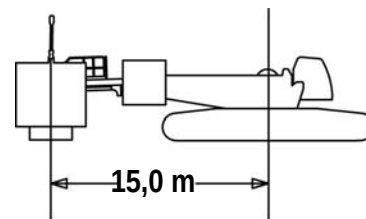
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	115 100	137 300*c									16,8
18,0	69,3	90,7	105 500	128 200*b									18,0
20,0	65,1	89,8	92 400	115 100*b									20,0
22,0	60,7	88,7	82 100	104 600*b	67,5	90,0	76 000	132 100*b					22,0
24,0	56,2	87,4	73 700	96 200*	63,3	89,0	68 100	125 000*b					24,0
26,0	51,4	85,9	66 700	89 500*	58,8	87,8	61 600	114 900*	65,7	89,1	56 500	118 500b	26,0
28,0	46,2	84,0	60 800	83 900*	54,2	86,4	56 100	105 400*	61,3	88,0	51 400	108 100b	28,0
30,0	40,4	81,8	55 600	79 300*	49,2	84,8	51 400	97 900*	56,8	86,7	47 100	99 400	30,0
32,0	33,9	79,0	51 200	73 900*	43,8	82,8	47 300	91 900*	52,0	85,2	43 300	91 900	32,0
34,0	25,8	75,3	47 300	69 300*	37,8	80,3	43 700	86 900*	46,9	83,4	40 000	85 300	34,0
36,0	13,6	69,2	43 600	62 400*	30,7	77,2	40 400	81 300*	41,2	81,2	37 000	79 500	36,0
38,0					21,5	72,8	37 500	76 100*	34,8	78,5	34 400	74 500	38,0
40,0									27,0	75,0	31 900	69 900	40,0
42,0									15,8	69,5	29 700	65 700	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	33 800	80 500									34,0
36,0	54,8	84,9	31 200	75 000									36,0
38,0	49,8	83,3	29 000	70 200									38,0
40,0	44,5	81,3	26 900	65 900									40,0
42,0	38,6	78,9	25 100	62 100	52,4	82,4	20 300	58 400					42,0
44,0	31,7	75,9	23 300	58 600	47,3	80,7	18 900	55 100					44,0
46,0	22,9	71,8	21 700	55 400	41,7	78,5	17 600	52 200	49,5	79,4	12 300	46 300	46,0
48,0					35,3	75,9	16 300	49 400	44,1	77,4	11 400	44 000	48,0
50,0					27,6	72,4	15 200	46 900					50,0
52,0									38,1	75,0	10 500	41 900	52,0
54,0									31,1	71,9	9 700	39 900	54,0
56,0									22,1	67,6	8 900	38 000	56,0

Liftcrane Luffing Jib Capacities

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

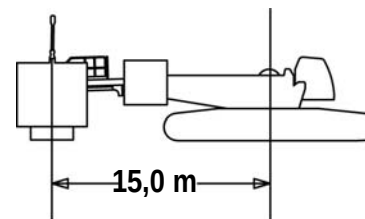
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



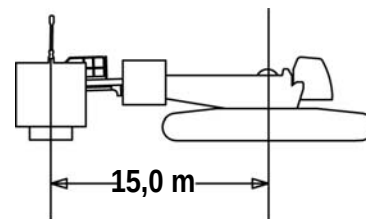
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	103 000	117 000*b									18,3
20,0	69,5	96,4	92 000	111 300*b									20,0
22,0	66,0	95,5	81 700	103 600*b									22,0
24,0	62,5	94,5	73 200	94 700*	68,0	95,7	67 500	118 500*b					24,0
26,0	58,8	93,3	66 200	87 600*	64,5	94,7	61 000	112 700*					26,0
28,0	54,9	91,9	60 300	81 600*	60,9	93,6	55 500	105 600*	66,5	94,7	50 700	107 500b	28,0
30,0	50,8	90,3	55 300	76 100*	57,1	92,4	50 800	97 700*	62,9	93,7	46 300	98 700	30,0
32,0	46,5	88,5	50 900	70 200*	53,2	90,9	46 700	90 800*	59,3	92,6	42 500	91 200	32,0
34,0	41,8	86,3	47 000	64 900*	49,0	89,2	43 100	84 500*	55,4	91,2	39 300	84 700	34,0
36,0	36,7	83,8	43 600	60 300*	44,6	87,3	40 000	78 100*	51,4	89,7	36 300	79 000	36,0
38,0	30,7	80,6	40 500	56 400*	39,7	84,9	37 100	72 300*	47,1	87,9	33 800	73 900	38,0
40,0	23,4	76,5	37 700	53 400*	34,2	82,2	34 600	67 100*	42,5	85,8	31 400	69 400	40,0
42,0					27,8	78,7	32 300	62 700*	37,4	83,3	29 300	65 400	42,0
44,0					19,5	73,8	30 100	59 200*	31,6	80,2	27 400	61 700	44,0
46,0									24,5	76,3	25 600	58 400	46,0
48,0									14,3	70,2	23 800	54 600	48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	28 100	69 500									38,0
40,0	53,7	89,4	26 100	65 200									40,0
42,0	49,6	87,7	24 300	61 400									42,0
44,0	45,2	85,8	22 600	58 000									44,0
46,0	40,3	83,5	21 100	54 900	51,7	86,9	16 600	51 400					46,0
48,0	35,0	80,8	19 700	52 000	47,4	85,1	15 400	48 700					48,0
50,0	28,7	77,4	18 400	49 400	42,8	83,1	14 400	46 300					50,0
52,0	20,7	72,8	17 200	47 000	37,8	80,6	13 400	44 000	49,2	83,8	9 500	41 000	52,0
54,0					32,0	77,6	12 400	41 900	44,8	81,9	8 800	39 100	54,0
56,0					25,1	73,7	11 600	40 000	40,0	79,6	8 100	37 300	56,0
58,0									34,5	76,8	7 400	35 600	58,0
60,0									28,2	73,4	6 800	34 000	60,0
62,0									20,0	68,7	6 100	32 600	62,0

Liftcrane Luffing Jib Capacities

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

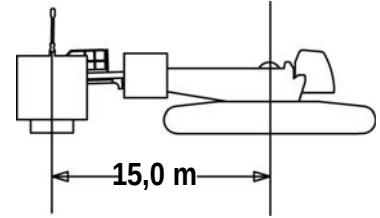
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



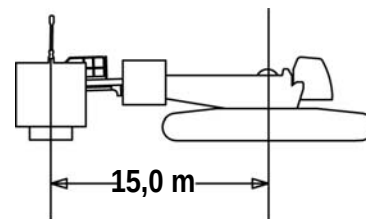
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	70,6	102,3	84 600	96 600*									21,3
22,0	69,6	102,0	81 500	94 800*									22,0
24,0	66,7	101,2	72 900	89 300*									24,0
26,0	63,6	100,2	65 900	83 600*	68,4	101,3	60 500	102 300*					26,0
28,0	60,5	99,1	60 000	77 900*	65,4	100,4	55 000	97 500*					28,0
30,0	57,3	97,8	54 900	72 400*	62,3	99,4	50 300	92 200*					30,0
32,0	54,0	96,4	50 500	67 200*	59,2	98,2	46 200	86 600*	64,1	99,5	42 000	90 600	32,0
34,0	50,5	94,8	46 600	62 300*	55,9	96,9	42 600	81 000*	61,0	98,4	38 700	84 100	34,0
36,0	46,8	93,0	43 300	57 900*	52,5	95,4	39 500	75 400*	57,7	97,2	35 800	78 400	36,0
38,0	42,8	90,9	40 200	53 800*	48,9	93,7	36 700	70 200*	54,4	95,7	33 200	73 400	38,0
40,0	38,5	88,5	37 500	50 200*	45,1	91,8	34 200	65 300*	50,9	94,2	30 900	68 900	40,0
42,0	33,8	85,6	35 000	47 100*	41,0	89,5	32 000	60 800*	47,3	92,4	28 800	64 900	42,0
44,0	28,3	82,2	32 800	44 500*	36,6	87,0	29 900	56 600*	43,4	90,3	26 900	61 300	44,0
46,0	21,6	77,6	30 700	42 400*	31,6	83,9	28 000	53 000*	39,1	87,9	25 200	58 000	46,0
48,0					25,6	80,0	26 300	49 900*	34,5	85,2	23 600	55 000	48,0
50,0					17,9	74,7	24 600	47 400*	29,1	81,8	22 100	52 200	50,0
52,0									22,6	77,5	20 700	49 700	52,0
54,0									13,1	70,8	19 400	46 000	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

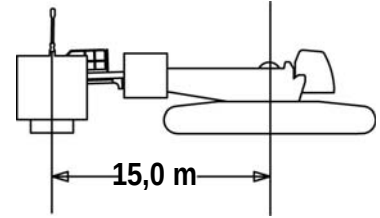
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



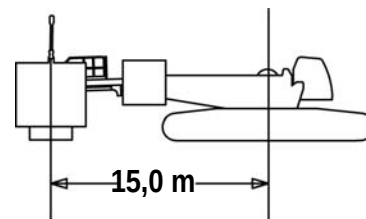
16000 MAX-ER

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

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



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

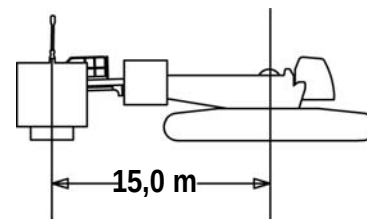
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



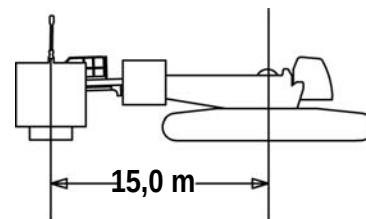
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	68,2	112,8	60 500	68 000*									27,4
28,0	67,6	112,5	59 000	67 000*									28,0
30,0	65,2	111,6	53 800	63 600*	68,9	112,7	49 000	74 500*					30,0
32,0	62,8	110,6	49 400	60 100*	66,6	111,8	44 900	73 700*					32,0
34,0	60,4	109,5	45 500	56 700*	64,2	110,8	41 300	70 700*					34,0
36,0	57,9	108,3	42 200	53 300*	61,8	109,8	38 200	67 500*	65,5	110,9	34 300	71 900*	36,0
38,0	55,4	106,9	39 100	50 100*	59,4	108,6	35 400	64 100*	63,2	109,9	31 700	71 900*	38,0
40,0	52,7	105,4	36 400	47 000*	56,8	107,3	32 900	60 700*	60,7	108,8	29 400	67 700	40,0
42,0	50,0	103,7	34 000	44 100*	54,2	105,9	30 700	57 300*	58,3	107,6	27 400	63 700	42,0
44,0	47,1	101,9	31 800	41 400*	51,5	104,4	28 700	53 900*	55,7	106,2	25 500	60 100	44,0
46,0	44,1	99,9	29 800	38 900*	48,7	102,6	26 800	50 700*	53,1	104,7	23 900	56 800	46,0
48,0	40,9	97,7	28 000	36 700*	45,8	100,7	25 100	47 700*	50,3	103,1	22 300	53 900	48,0
50,0	37,5	95,1	26 300	34 600*	42,7	98,6	23 600	44 800*	47,5	101,3	20 900	51 200	50,0
52,0	33,7	92,2	24 800	32 800*	39,4	96,3	22 100	42 200*	44,5	99,3	19 600	48 700	52,0
54,0	29,6	88,9	23 300	31 200*	35,9	93,6	20 800	39 700*	41,3	97,1	18 300	46 400	54,0
56,0	24,8	84,9	22 000	29 800*	32,0	90,5	19 600	37 500*	37,9	94,6	17 200	44 300	56,0
58,0	18,9	79,7	20 700	28 800*	27,6	86,9	18 500	35 600*	34,3	91,8	16 100	42 300	58,0
60,0					22,5	82,5	17 300	33 900*	30,2	88,5	15 100	40 400	60,0
62,0					15,7	76,4	16 300	32 600*	25,5	84,6	14 200	38 700	62,0
64,0									19,8	79,6	13 300	37 100	64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

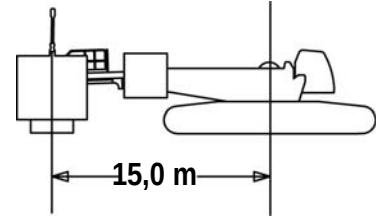
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



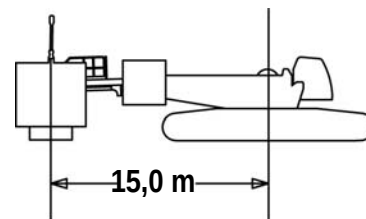
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	65,8	117,3	48 800	55 800*	69,0	118,3	44 100	62 600*					32,0
34,0	63,6	116,3	44 900	53 200*	67,0	117,5	40 600	62 600*					34,0
36,0	61,5	115,3	41 500	50 400*	64,9	116,6	37 500	61 800*					36,0
38,0	59,3	114,1	38 500	47 700*	62,7	115,5	34 700	59 600*	66,0	116,6	30 900	60 000*	38,0
40,0	57,0	112,8	35 800	45 100*	60,5	114,4	32 200	57 100*	63,9	115,6	28 600	60 000*	40,0
42,0	54,7	111,4	33 400	42 600*	58,3	113,2	30 000	54 400*	61,8	114,5	26 500	60 000*	42,0
44,0	52,3	109,9	31 200	40 200*	56,0	111,9	27 900	51 700*	59,6	113,4	24 700	59 200	44,0
46,0	49,8	108,2	29 200	37 900*	53,6	110,4	26 100	49 100*	57,3	112,1	23 000	56 200	46,0
48,0	47,2	106,4	27 400	35 800*	51,2	108,8	24 400	46 400*	55,0	110,7	21 500	53 200	48,0
50,0	44,5	104,4	25 700	33 800*	48,7	107,1	22 900	43 900*	52,6	109,2	20 100	50 500	50,0
52,0	41,7	102,2	24 200	31 900*	46,1	105,2	21 500	41 400*	50,1	107,6	18 800	48 000	52,0
54,0	38,7	99,8	22 700	30 300*	43,3	103,2	20 100	39 100*	47,5	105,8	17 600	45 700	54,0
56,0	35,4	97,1	21 400	28 700*	40,4	100,8	18 900	37 000*	44,9	103,8	16 400	43 600	56,0
58,0	31,9	94,0	20 200	27 300*	37,3	98,3	17 800	35 000*	42,1	101,7	15 400	41 600	58,0
60,0	28,0	90,4	19 000	26 200*	34,0	95,4	16 700	33 100*	39,1	99,3	14 400	39 800	60,0
62,0	23,5	86,1	17 900	25 200*	30,3	92,2	15 700	31 500*	35,9	96,6	13 500	38 100	62,0
64,0	17,9	80,6	16 800	24 400*	26,2	88,3	14 800	30 000*	32,4	93,5	12 700	36 500	64,0
66,0					21,3	83,6	13 800	28 800*	28,6	90,0	11 800	35 000	66,0
68,0					14,8	77,2	13 000	27 800*	24,1	85,9	11 100	33 300*	68,0
70,0									18,7	80,6	10 300	31 500*	70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

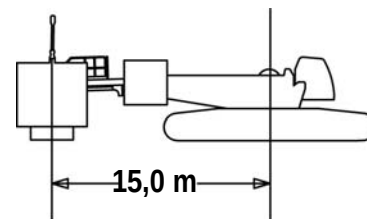
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



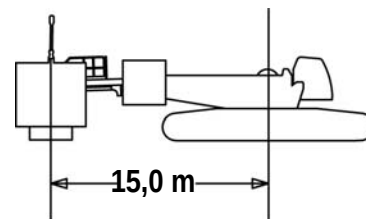
16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	61,7	118,6	14 500	45 900								50,0
52,0	59,7	117,4	13 400	43 800								52,0
54,0	57,7	116,2	12 400	41 700								54,0
56,0	55,6	114,8	11 400	39 700								56,0
58,0	53,4	113,4	10 500	37 900								58,0
60,0	51,2	111,8	9 700	36 200	56,7	113,9	5 900	33 200				60,0
62,0	48,9	110,1	9 000	34 600	54,5	112,5	5 300	31 700				62,0
64,0	46,6	108,2	8 300	33 100	52,3	110,9	4 700	30 300				64,0
66,0	44,1	106,2	7 600	31 700	50,1	109,3	4 100	29 000				66,0
68,0	41,5	104,0	6 900	30 400	47,8	107,5	3 600	27 800				68,0
70,0	38,8	101,6	6 300	29 100	45,4	105,6	3 100	26 700	51,1	107,9	24 200	70,0
72,0	35,9	98,9	5 800	28 000	42,8	103,5	2 600	25 600	48,8	106,2	23 200	72,0
74,0	32,7	95,9	5 200	26 900	40,2	101,2	2 200	24 600	46,4	104,3	22 300	74,0
76,0	29,3	92,4	4 700	25 800	37,4	98,6	1 800	23 600	43,9	102,3	21 400	76,0
78,0	25,4	88,5	4 200	24 900	34,3	95,7	1 300	22 600	41,3	100,1	20 500	78,0
80,0	20,9	83,6	3 700	23 900	31,1	92,6	1 000	21 800	38,6	97,6	19 700	80,0
82,0	15,0	77,2	3 200	23 000	27,4	88,9		20 900	35,6	94,9	18 900	82,0
84,0					23,3	84,5		20 200	32,5	91,9	18 200	84,0
86,0					18,2	79,1		19 400	29,0	88,4	17 500	86,0
88,0					11,0	71,0		18 600	25,1	84,4	16 800	88,0
90,0									20,5	79,4	16 200	90,0
92,0									14,5	72,8	15 500	92,0

Liftcrane Luffing Jib Capacities

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

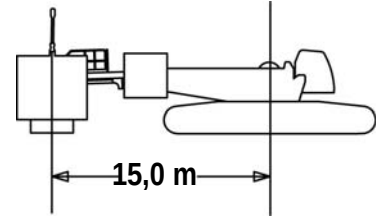
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



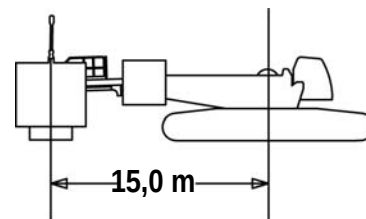
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	64,7	127,7	37 000	41 200*	67,5	128,8	33 000	45 300*					38,1
40,0	63,0	126,7	34 400	39 600*	65,8	127,9	30 600	45 100*					40,0
42,0	61,2	125,7	32 000	37 900*	64,1	127,0	28 400	45 000*	66,8	127,9	24 900	43 300*	42,0
44,0	59,4	124,5	29 800	36 200*	62,3	125,9	26 400	44 600*	65,1	127,0	23 000	43 300*	44,0
46,0	57,5	123,2	27 800	34 600*	60,4	124,8	24 600	43 100*	63,3	126,0	21 300	43 300*	46,0
48,0	55,6	121,9	26 000	33 000*	58,6	123,6	22 900	41 500*	61,5	124,9	19 800	43 300*	48,0
50,0	53,6	120,4	24 300	31 400*	56,7	122,3	21 300	39 800*	59,6	123,8	18 400	43 300*	50,0
52,0	51,6	118,8	22 800	29 900*	54,7	120,9	19 900	38 200*	57,8	122,5	17 100	43 300*	52,0
54,0	49,5	117,2	21 400	28 500*	52,8	119,4	18 600	36 600*	55,8	121,2	15 900	43 300*	54,0
56,0	47,4	115,3	20 000	27 100*	50,7	117,8	17 400	34 900*	53,9	119,7	14 800	42 400	56,0
58,0	45,1	113,4	18 800	25 800*	48,6	116,1	16 300	33 300*	51,9	118,2	13 800	40 300	58,0
60,0	42,8	111,3	17 700	24 600*	46,4	114,2	15 300	31 800*	49,8	116,5	12 800	38 500	60,0
62,0	40,4	109,0	16 600	23 500*	44,2	112,2	14 300	30 300*	47,7	114,7	12 000	36 800	62,0
64,0	37,8	106,5	15 600	22 500*	41,8	110,0	13 400	28 900*	45,4	112,8	11 100	35 200	64,0
66,0	35,1	103,7	14 700	21 500*	39,3	107,6	12 500	27 500*	43,1	110,7	10 300	33 800	66,0
68,0	32,2	100,6	13 800	20 600*	36,7	105,0	11 700	26 300*	40,7	108,4	9 600	32 200*	68,0
70,0	29,0	97,1	13 000	19 900*	33,9	102,1	10 900	25 100*	38,2	105,9	8 900	30 500*	70,0
72,0	25,5	93,2	12 100	19 200*	30,9	98,8	10 200	24 100*	35,5	103,2	8 200	28 900*	72,0
74,0	21,3	88,4	11 400	18 600*	27,5	95,2	9 500	23 100*	32,6	100,2	7 600	27 400*	74,0
76,0	16,2	82,3	10 600	18 200*	23,8	90,9	8 800	22 200*	29,5	96,8	7 000	26 000*	76,0
78,0					19,3	85,7	8 200	21 400*	26,0	92,9	6 400	24 700*	78,0
80,0					13,5	78,6	7 600	20 200*	21,9	88,2	5 900	23 500*	80,0
82,0									17,0	82,4	5 300	22 200*	82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0
98,0													98,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

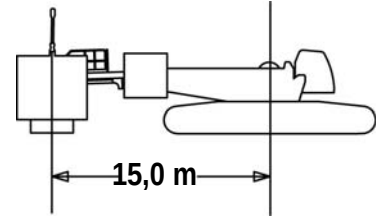
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



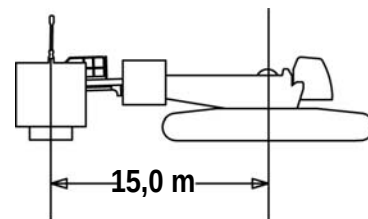
16000 MAX-ER

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

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



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

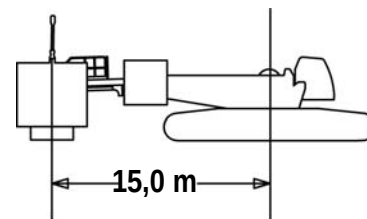
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	62,8	137,3	26 700	30 000*	65,2	138,5	23 300	32 500*	67,6	139,4	19 900	31 300*	45,7
46,0	62,6	137,1	26 400	29 800*	65,0	138,4	23 100	32 400*	67,3	139,3	19 700	31 300*	46,0
48,0	61,1	136,0	24 600	28 800*	63,5	137,4	21 400	32 300*	65,9	138,4	18 200	31 300*	48,0
50,0	59,5	134,9	22 900	27 700*	61,9	136,3	19 800	32 100*	64,3	137,4	16 800	31 200*	50,0
52,0	57,9	133,6	21 400	26 700*	60,4	135,2	18 500	31 900*	62,8	136,4	15 500	31 100*	52,0
54,0	56,2	132,3	20 000	25 600*	58,8	134,0	17 200	31 600*	61,3	135,3	14 300	31 000*	54,0
56,0	54,6	130,9	18 700	24 600*	57,2	132,7	16 000	30 800*	59,7	134,2	13 200	30 900*	56,0
58,0	52,9	129,4	17 500	23 600*	55,5	131,4	14 800	29 700*	58,1	132,9	12 200	30 700*	58,0
60,0	51,1	127,8	16 300	22 600*	53,8	129,9	13 800	28 600*	56,5	131,6	11 300	30 600*	60,0
62,0	49,3	126,1	15 300	21 700*	52,1	128,4	12 800	27 600*	54,8	130,2	10 400	30 500*	62,0
64,0	47,5	124,3	14 300	20 800*	50,4	126,7	11 900	26 500*	53,1	128,7	9 600	30 300*	64,0
66,0	45,6	122,4	13 300	19 900*	48,5	125,0	11 100	25 500*	51,3	127,2	8 800	30 200*	66,0
68,0	43,6	120,3	12 500	19 200*	46,7	123,1	10 300	24 500*	49,6	125,5	8 100	30 100*	68,0
70,0	41,6	118,1	11 700	18 400*	44,8	121,2	9 500	23 600*	47,7	123,7	7 400	29 200*	70,0
72,0	39,5	115,7	10 900	17 700*	42,8	119,0	8 800	22 700*	45,8	121,8	6 700	27 600*	72,0
74,0	37,2	113,1	10 200	17 000*	40,7	116,7	8 200	21 800*	43,9	119,7	6 100	26 200*	74,0
76,0	34,9	110,3	9 500	16 400*	38,5	114,3	7 500	20 900*	41,9	117,5	5 500	24 800*	76,0
78,0	32,4	107,3	8 800	15 800*	36,3	111,6	6 900	20 200*	39,8	115,2	5 000	23 500*	78,0
80,0	29,7	103,9	8 100	15 300*	33,8	108,7	6 300	19 400*	37,5	112,6	4 500	22 300*	80,0
82,0	26,8	100,1	7 500	14 900*	31,3	105,5	5 700	18 700*	35,2	109,8	4 000	21 200*	82,0
84,0	23,5	95,7	7 000	14 500*	28,5	101,9	5 200	18 100*	32,7	106,8	3 500	20 100*	84,0
86,0	19,7	90,5	6 400	14 100*	25,4	97,9	4 700	17 400*	30,1	103,5	3 000	19 100*	86,0
88,0	15,0	83,9	5 800	13 600*	22,0	93,2	4 200	16 600*	27,2	99,7	2 600	18 100*	88,0
90,0					17,8	87,6	3 700	15 700*	24,0	95,4	2 200	17 100*	90,0
92,0					12,4	79,9	3 300	13 600*	20,3	90,4	1 700	16 300*	92,0
94,0									15,7	84,0	1 300	15 300*	94,0
96,0									9,0	74,5	900	13 200*	96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

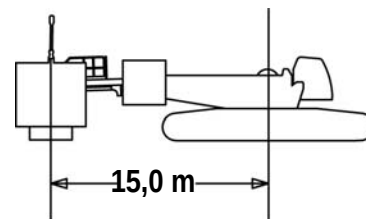
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

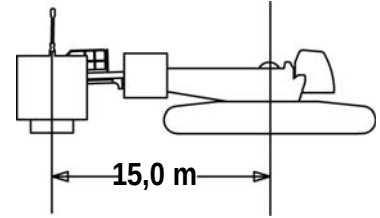
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



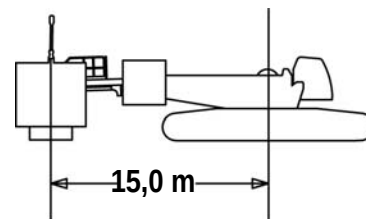
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	68,1	90,9	115 000	130 100*c									16,8
18,0	64,8	90,3	105 500	123 500*b									18,0
20,0	59,3	89,1	92 300	112 100*b	68,7	90,6	84 900	132 800*c					20,0
22,0	53,4	87,7	82 000	102 800*b	63,3	89,6	75 300	127 400*b					22,0
24,0	47,0	85,9	73 600	95 600*	57,8	88,4	67 600	121 200*b					24,0
26,0	39,8	83,7	66 600	89 900*	51,8	86,9	61 100	111 500*	61,8	88,7	55 600	117 700b	26,0
28,0	31,2	80,7	60 500	85 600*	45,2	85,0	55 600	103 500*	56,1	87,4	50 600	107 400b	28,0
30,0	19,1	76,0	55 200	81 700*	37,7	82,6	50 900	97 400*	50,0	85,8	46 300	98 700	30,0
32,0					28,5	79,3	46 700	91 000*	43,2	83,8	42 500	91 300	32,0
34,0									35,3	81,2	39 200	84 700	34,0
36,0									25,3	77,5	36 200	78 900	36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	60,8	87,2	35 300	85 600b									32,0
34,0	55,1	85,8	32 600	79 500b									34,0
36,0	48,8	84,2	30 100	74 100									36,0
38,0	41,9	82,1	27 900	69 400									38,0
40,0	33,7	79,3	25 800	65 100	53,6	83,7	20 400	60 900b					40,0
42,0	23,0	75,3	23 900	61 200	47,2	81,9	18 900	57 400					42,0
44,0					40,0	79,6	17 500	54 100					44,0
46,0					31,4	76,7	16 200	51 200	51,5	80,8	11 700	47 700b	46,0
48,0					19,5	72,1	14 900	48 400	44,9	78,9	10 800	45 200	48,0
50,0									37,3	76,4	9 900	42 900	50,0
52,0									28,0	73,1	9 000	40 800	52,0

Liftcrane Luffing Jib Capacities

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

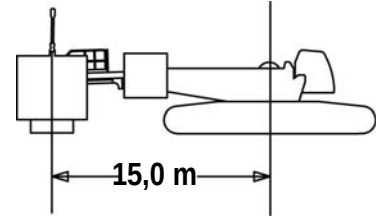
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	66,4	96,1	93 400	108 800* b									19,8
20,0	66,0	96,0	92 400	108 100* b									20,0
22,0	61,7	94,9	81 900	100 300* b	69,0	96,3	75 100	117 200* b					22,0
24,0	57,2	93,7	73 500	92 400*	64,8	95,3	67 300	112 900* b					24,0
26,0	52,4	92,2	66 500	85 900*	60,5	94,2	60 800	108 700* b					26,0
28,0	47,3	90,4	60 600	79 300*	55,9	92,9	55 400	101 300*	63,6	94,5	50 200	107 100 b	28,0
30,0	41,7	88,3	55 500	73 500*	51,1	91,4	50 700	94 000*	59,2	93,3	45 800	98 300	30,0
32,0	35,3	85,6	51 100	68 400*	45,8	89,5	46 600	87 100*	54,6	91,9	42 100	90 900	32,0
34,0	27,7	82,2	47 100	64 300*	40,1	87,2	43 100	80 800*	49,6	90,3	38 900	84 400	34,0
36,0	16,9	76,9	43 500	61 900*	33,4	84,4	39 900	75 300*	44,3	88,3	36 000	78 700	36,0
38,0					25,2	80,6	37 000	70 800*	38,3	85,9	33 500	73 700	38,0
40,0									31,3	82,9	31 100	69 200	40,0
42,0									22,4	78,7	28 900	65 100	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

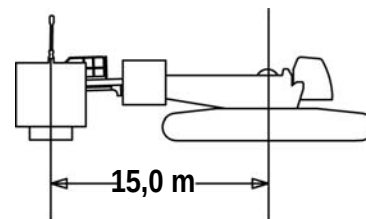
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	58,4	91,8	29 500	73 700									36,0
38,0	53,7	90,3	27 400	68 900									38,0
40,0	48,7	88,7	25 400	64 700									40,0
42,0	43,2	86,6	23 600	60 900									42,0
44,0	37,1	84,1	22 000	57 600	52,5	88,1	16 900	53 600					44,0
46,0	29,9	80,9	20 500	54 500	47,4	86,4	15 700	50 700					46,0
48,0	20,4	76,3	19 100	51 500	41,8	84,2	14 600	48 100					48,0
50,0					35,5	81,6	13 500	45 600					50,0
52,0					27,9	78,1	12 600	43 400	45,6	83,4	8 500	40 300	52,0
54,0					17,2	72,9	11 500	41 300	39,8	81,1	7 700	38 400	54,0
56,0									33,1	78,2	7 100	36 600	56,0
58,0									24,8	74,4	6 400	34 900	58,0

Liftcrane Luffing Jib Capacities

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

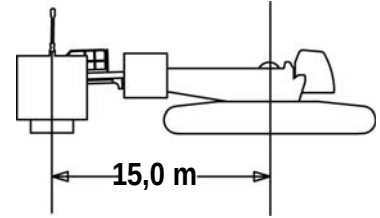
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	65,2	101,3	77 700	89 700*									22,9
24,0	63,2	100,7	73 100	86 300*									24,0
26,0	59,5	99,5	66 100	80 300*	65,8	101,0	60 100	99 700* ^b					26,0
28,0	55,7	98,2	60 100	74 700*	62,2	100,0	54 700	94 300*					28,0
30,0	51,7	96,7	55 100	69 300*	58,5	98,8	50 000	88 500*	64,8	100,2	45 100	97 700	30,0
32,0	47,4	94,9	50 700	64 300*	54,6	97,4	46 000	82 700*	61,2	99,1	41 400	90 200	32,0
34,0	42,8	92,8	46 800	59 900*	50,6	95,8	42 500	77 100*	57,4	97,9	38 100	83 700	34,0
36,0	37,8	90,3	43 400	55 900*	46,2	94,0	39 400	71 800*	53,5	96,4	35 300	78 100	36,0
38,0	32,1	87,3	40 400	52 500*	41,5	91,8	36 600	66 900*	49,4	94,8	32 800	73 100	38,0
40,0	25,1	83,5	37 600	49 800*	36,3	89,2	34 100	62 400*	44,9	92,8	30 500	68 600	40,0
42,0	15,3	77,7	35 000	48 300*	30,3	86,0	31 800	58 600*	40,1	90,6	28 400	64 600	42,0
44,0					22,9	81,8	29 700	55 500*	34,7	87,8	26 600	61 000	44,0
46,0									28,4	84,4	24 800	57 700	46,0
48,0									20,3	79,7	23 200	54 700	48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

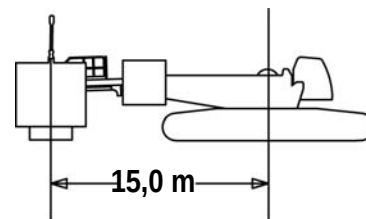
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	56,8	96,3	24 500	64 000									40,0
42,0	52,8	94,8	22 800	60 200									42,0
44,0	48,6	93,1	21 200	56 900									44,0
46,0	44,1	91,1	19 800	53 800	55,8	94,1	14 700	49 900					46,0
48,0	39,2	88,8	18 400	51 000	51,8	92,6	13 600	47 300					48,0
50,0	33,7	85,9	17 200	48 400	47,5	90,8	12 700	44 900					50,0
52,0	27,1	82,3	16 000	46 100	42,9	88,8	11 700	42 800					52,0
54,0	18,5	77,3	15 000	43 900	37,9	86,3	10 900	40 700	50,4	89,7	6 700	37 600	54,0
56,0					32,2	83,3	10 000	38 800	46,0	87,9	6 100	35 800	56,0
58,0					25,3	79,5	9 300	37 100	41,3	85,7	5 500	34 200	58,0
60,0					15,6	73,7	8 500	35 400	36,1	83,1	5 000	32 700	60,0
62,0									30,0	79,8	4 400	31 300	62,0
64,0									22,5	75,6	3 900	29 900	64,0

Liftcrane Luffing Jib Capacities

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

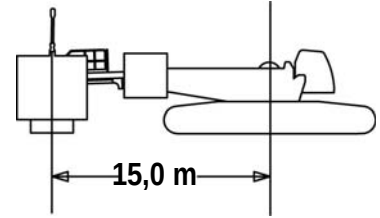
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



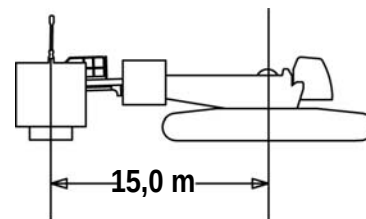
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	64,4	106,4	66 000	75 100*	69,6	107,6	59 900	90 200*					25,9
26,0	64,3	106,4	65 700	74 900*	69,5	107,6	59 700	90 000*					26,0
28,0	61,2	105,3	59 800	70 200*	66,5	106,7	54 200	86 500*					28,0
30,0	58,0	104,1	54 700	65 600*	63,5	105,7	49 500	82 400*					30,0
32,0	54,7	102,7	50 300	61 300*	60,3	104,6	45 500	77 900*	65,6	105,9	40 700	88 100*	32,0
34,0	51,2	101,2	46 500	57 200*	57,1	103,4	42 000	73 400*	62,6	104,9	37 500	83 300	34,0
36,0	47,5	99,4	43 100	53 400*	53,7	101,9	38 900	68 800*	59,4	103,7	34 700	77 500	36,0
38,0	43,7	97,3	40 100	49 900*	50,2	100,3	36 100	64 400*	56,2	102,4	32 200	72 600	38,0
40,0	39,5	95,0	37 300	46 800*	46,5	98,5	33 700	60 300*	52,8	100,9	29 900	68 100	40,0
42,0	34,8	92,2	34 900	44 000*	42,6	96,3	31 400	56 400*	49,2	99,2	27 900	64 200	42,0
44,0	29,5	88,9	32 700	41 700*	38,3	93,9	29 400	52 800*	45,4	97,3	26 100	60 600	44,0
46,0	23,1	84,7	30 600	39 800*	33,5	91,0	27 500	49 700*	41,4	95,1	24 400	57 300	46,0
48,0	14,1	78,4	28 600	38 900*	27,9	87,5	25 800	46 900*	37,0	92,6	22 800	54 300	48,0
50,0					21,1	82,9	24 200	44 700*	32,0	89,6	21 400	51 600	50,0
52,0									26,2	85,8	20 100	49 100	52,0
54,0									18,7	80,7	18 800	46 800	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9													25,9
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	62,0	103,4	23 800	63 400									40,0
42,0	58,9	102,2	22 100	59 600									42,0
44,0	55,6	100,8	20 500	56 300									44,0
46,0	52,2	99,3	19 100	53 200									46,0
48,0	48,6	97,6	17 800	50 500									48,0
50,0	44,7	95,6	16 600	47 900	54,7	98,7	11 900	44 300					50,0
52,0	40,6	93,4	15 500	45 600	51,3	97,1	11 000	42 100					52,0
54,0	36,1	90,7	14 500	43 500	47,6	95,3	10 200	40 100					54,0
56,0	31,0	87,6	13 500	41 500	43,7	93,3	9 400	38 300					56,0
58,0	25,0	83,7	12 600	39 600	39,5	90,9	8 700	36 600	50,1	94,2	4 700	33 600	58,0
60,0	17,0	78,2	11 700	37 800	34,9	88,2	8 000	35 000	46,3	92,4	4 200	32 100	60,0
62,0					29,7	84,9	7 300	33 500	42,4	90,2	3 700	30 700	62,0
64,0					23,3	80,7	6 700	32 000	38,0	87,8	3 300	29 400	64,0
66,0					14,3	74,4	6 000	30 600	33,2	84,9	2 800	28 200	66,0
68,0									27,7	81,3	2 300	27 000	68,0
70,0									20,7	76,6	1 900	25 900	70,0

Liftcrane Luffing Jib Capacities

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

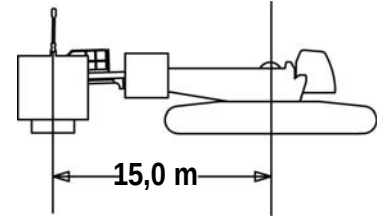
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



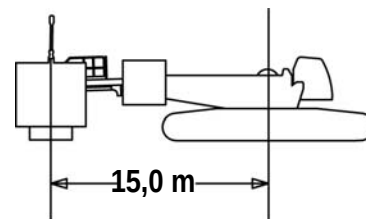
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	63,8	111,6	56 600	63 500*	68,4	112,8	51 100	76 800*					29,0
30,0	62,4	111,1	54 100	61 500*	67,0	112,4	48 800	75 300*					30,0
32,0	59,7	109,9	49 700	57 900*	64,4	111,5	44 800	72 100*					32,0
34,0	56,8	108,7	45 900	54 300*	61,7	110,4	41 300	68 700*	66,3	111,6	36 700	75 200*	34,0
36,0	53,9	107,2	42 500	51 000*	58,9	109,2	38 200	65 100*	63,6	110,6	33 800	75 200*	36,0
38,0	50,8	105,6	39 500	47 800*	56,0	107,9	35 400	61 500*	60,9	109,5	31 300	71 900	38,0
40,0	47,6	103,8	36 800	44 800*	53,1	106,4	32 900	57 900*	58,1	108,3	29 100	67 400	40,0
42,0	44,3	101,8	34 400	42 100*	50,0	104,8	30 700	54 500*	55,2	106,9	27 100	63 500	42,0
44,0	40,7	99,6	32 200	39 600*	46,7	102,9	28 700	51 200*	52,2	105,4	25 200	59 900	44,0
46,0	36,8	97,0	30 200	37 400*	43,3	100,9	26 900	48 100*	49,1	103,7	23 600	56 700	46,0
48,0	32,4	94,0	28 300	35 400*	39,6	98,5	25 200	45 300*	45,8	101,8	22 100	53 700	48,0
50,0	27,5	90,4	26 600	33 800*	35,6	95,8	23 700	42 600*	42,3	99,7	20 700	51 000	50,0
52,0	21,6	85,8	25 000	32 500*	31,2	92,7	22 200	40 300*	38,5	97,2	19 400	48 500	52,0
54,0	13,1	79,0	23 500	31 900*	26,0	88,9	20 900	38 300*	34,4	94,4	18 200	46 200	54,0
56,0					19,6	83,9	19 600	36 700*	29,8	91,2	17 000	44 100	56,0
58,0									24,4	87,1	16 000	42 100	58,0
60,0									17,4	81,6	14 900	40 300	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

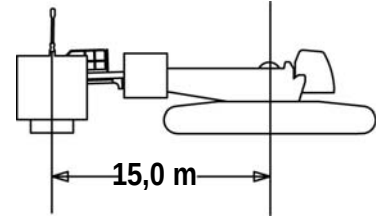
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



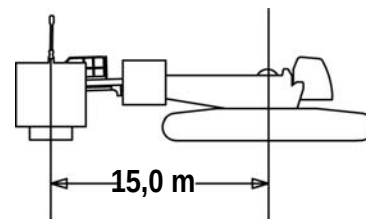
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	61,5	116,0	46 200	52 000*	65,6	117,4	41 500	64 000*					33,5
34,0	60,9	115,7	45 400	51 300*	65,1	117,2	40 700	63 300*					34,0
36,0	58,4	114,5	42 000	48 400*	62,7	116,2	37 500	60 700*	66,8	117,3	33 200	64 000*	36,0
38,0	55,9	113,2	39 000	45 700*	60,3	115,0	34 800	57 900*	64,4	116,3	30 600	64 000*	38,0
40,0	53,3	111,7	36 200	43 000*	57,8	113,8	32 400	55 100*	62,0	115,3	28 400	64 000*	40,0
42,0	50,5	110,1	33 800	40 500*	55,2	112,4	30 100	52 200*	59,6	114,1	26 400	62 700	42,0
44,0	47,7	108,3	31 700	38 200*	52,5	110,9	28 100	49 400*	57,0	112,8	24 600	59 400	44,0
46,0	44,7	106,3	29 700	36 000*	49,8	109,2	26 300	46 700*	54,5	111,4	23 000	56 100	46,0
48,0	41,6	104,1	27 800	34 100*	46,9	107,4	24 600	44 000*	51,8	109,9	21 400	53 200	48,0
50,0	38,2	101,7	26 200	32 300*	43,9	105,4	23 100	41 600*	49,0	108,2	20 100	50 500	50,0
52,0	34,5	98,9	24 600	30 600*	40,7	103,1	21 700	39 300*	46,1	106,3	18 800	48 000	52,0
54,0	30,5	95,6	23 200	29 200*	37,2	100,6	20 400	37 100*	43,0	104,2	17 600	45 800	54,0
56,0	25,9	91,8	21 800	28 000*	33,5	97,7	19 200	35 100*	39,7	101,9	16 500	43 600	56,0
58,0	20,3	86,9	20 500	27 000*	29,3	94,3	18 000	33 400*	36,2	99,2	15 500	41 700	58,0
60,0	12,3	79,6	19 300	26 600*	24,5	90,2	16 900	31 900*	32,4	96,2	14 500	39 900	60,0
62,0					18,5	84,9	15 900	30 800*	28,0	92,6	13 600	38 200	62,0
64,0					8,9	76,1	14 900	30 200*	22,9	88,3	12 700	36 400*	64,0
66,0									16,4	82,4	11 900	34 700*	66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

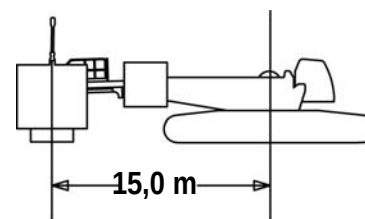
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



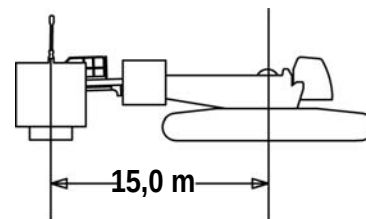
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
38,1	59,6	120,3	38 100	43 200*	63,4	121,8	33 900	53 600*	67,0	122,9	29 700	54 400*	38,1
40,0	57,5	119,1	35 600	41 000*	61,3	120,8	31 600	51 500*	65,0	122,0	27 500	54 400*	40,0
42,0	55,2	117,7	33 200	38 900*	59,1	119,6	29 400	49 300*	62,9	121,0	25 500	54 400*	42,0
44,0	52,8	116,2	31 000	36 800*	56,8	118,3	27 400	47 000*	60,7	119,9	23 700	54 400*	44,0
46,0	50,3	114,6	29 000	34 800*	54,5	116,9	25 600	44 800*	58,5	118,7	22 100	54 200*	46,0
48,0	47,7	112,8	27 200	32 900*	52,1	115,4	23 900	42 500*	56,2	117,4	20 600	52 600	48,0
50,0	45,1	110,8	25 500	31 200*	49,6	113,7	22 400	40 400*	53,8	115,9	19 200	49 800	50,0
52,0	42,3	108,7	24 000	29 600*	47,0	111,9	21 000	38 300*	51,4	114,4	18 000	47 400	52,0
54,0	39,3	106,3	22 600	28 100*	44,3	109,9	19 700	36 300*	48,9	112,7	16 800	45 100	54,0
56,0	36,1	103,6	21 200	26 800*	41,5	107,7	18 500	34 400*	46,3	110,8	15 700	43 000	56,0
58,0	32,7	100,6	20 000	25 600*	38,5	105,2	17 400	32 600*	43,5	108,7	14 700	41 100	58,0
60,0	28,9	97,2	18 900	24 500*	35,2	102,5	16 300	31 000*	40,6	106,4	13 800	39 300	60,0
62,0	24,5	93,1	17 800	23 600*	31,7	99,4	15 300	29 500*	37,6	103,9	12 900	37 500	62,0
64,0	19,2	87,9	16 700	22 900*	27,7	95,7	14 400	28 200*	34,3	101,1	12 000	35 700*	64,0
66,0	11,6	80,2	15 700	22 600*	23,2	91,4	13 500	27 100*	30,6	97,8	11 200	34 000*	66,0
68,0					17,5	85,8	12 600	26 200*	26,5	94,1	10 500	32 400*	68,0
70,0					8,4	76,5	11 800	25 800*	21,7	89,4	9 700	31 000*	70,0
72,0									15,5	83,2	9 000	29 700*	72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
38,1												38,1
40,0												40,0
42,0												42,0
44,0												44,0
46,0												46,0
48,0												48,0
50,0	60,3	118,4	14 000	45 800								50,0
52,0	58,1	117,1	13 000	43 500								52,0
54,0	55,8	115,8	12 000	41 400								54,0
56,0	53,4	114,3	11 100	39 500								56,0
58,0	51,0	112,7	10 300	37 700	57,5	115,0	5 900	34 400				58,0
60,0	48,4	111,0	9 500	36 000	55,2	113,6	5 300	32 800				60,0
62,0	45,8	109,1	8 700	34 400	52,8	112,1	4 700	31 300				62,0
64,0	43,0	107,0	8 100	33 000	50,4	110,5	4 200	30 000				64,0
66,0	40,1	104,7	7 400	31 600	47,8	108,7	3 600	28 700				66,0
68,0	37,0	102,1	6 800	30 300	45,1	106,8	3 200	27 500				68,0
70,0	33,6	99,2	6 200	29 100	42,3	104,6	2 700	26 400	49,5	107,6	23 700	70,0
72,0	29,9	95,9	5 700	27 900	39,4	102,3	2 200	25 300	46,9	105,8	22 800	72,0
74,0	25,7	92,0	5 100	26 800	36,2	99,6	1 800	24 300	44,2	103,8	21 800	74,0
76,0	20,7	87,1	4 600	25 800	32,7	96,6	1 400	23 400	41,3	101,6	20 900	76,0
78,0	14,1	80,4	4 100	24 800	28,9	93,2	1 000	22 500	38,3	99,1	20 100	78,0
80,0					24,6	89,1		21 600	35,1	96,3	19 300	80,0
82,0					19,3	83,9		20 800	31,5	93,2	18 600	82,0
84,0									27,5	89,6	17 800	84,0
86,0									22,9	85,2	17 100	86,0
88,0									17,2	79,5	16 500	88,0

Liftcrane Luffing Jib Capacities

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

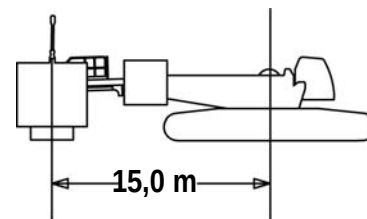
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



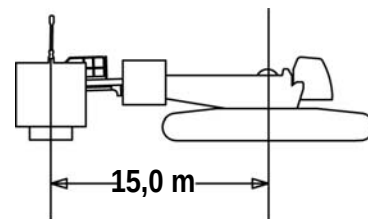
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
41,1	59,6	125,4	33 400	37 600*	63,0	127,0	29 500	46 400*	66,4	128,1	25 500	46 400*	41,1
42,0	58,7	124,9	32 500	36 800*	62,2	126,6	28 600	45 700*	65,5	127,7	24 700	46 400*	42,0
44,0	56,7	123,6	30 300	35 000*	60,2	125,4	26 500	44 000*	63,6	126,7	22 800	46 400*	44,0
46,0	54,5	122,2	28 300	33 300*	58,2	124,2	24 700	42 200*	61,6	125,7	21 200	46 400*	46,0
48,0	52,4	120,7	26 500	31 600*	56,1	122,9	23 100	40 400*	59,6	124,5	19 700	46 400*	48,0
50,0	50,1	119,0	24 800	30 100*	54,0	121,4	21 600	38 600*	57,6	123,3	18 400	46 400*	50,0
52,0	47,8	117,3	23 300	28 600*	51,8	119,9	20 200	36 800*	55,5	121,9	17 100	45 500*	52,0
54,0	45,4	115,3	21 900	27 200*	49,5	118,2	18 900	35 100*	53,3	120,4	15 900	43 700*	54,0
56,0	42,8	113,2	20 500	25 900*	47,1	116,4	17 700	33 400*	51,1	118,8	14 800	42 000*	56,0
58,0	40,2	110,9	19 300	24 700*	44,7	114,4	16 600	31 800*	48,8	117,1	13 800	40 200*	58,0
60,0	37,4	108,3	18 200	23 500*	42,1	112,2	15 500	30 300*	46,5	115,3	12 900	38 500*	60,0
62,0	34,4	105,5	17 100	22 500*	39,4	109,8	14 600	28 800*	44,0	113,2	12 000	36 700*	62,0
64,0	31,1	102,3	16 100	21 600*	36,6	107,2	13 700	27 500*	41,4	111,0	11 200	35 100*	64,0
66,0	27,5	98,6	15 100	20 800*	33,5	104,3	12 800	26 300*	38,6	108,6	10 400	33 500*	66,0
68,0	23,3	94,3	14 200	20 200*	30,1	101,0	12 000	25 200*	35,7	105,9	9 700	31 900*	68,0
70,0	18,2	88,8	13 400	19 700*	26,4	97,2	11 200	24 100*	32,6	102,8	9 000	30 500*	70,0
72,0					22,0	92,6	10 500	23 300*	29,1	99,4	8 400	29 100*	72,0
74,0					16,6	86,6	9 700	22 600*	25,2	95,4	7 700	27 900*	74,0
76,0					8,0	76,9	9 000	21 400*	20,7	90,5	7 100	26 800*	76,0
78,0									14,7	84,0	6 500	25 600*	78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
41,1 42,0 44,0 46,0 48,0												41,1 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	61,3 59,3 57,2 55,1	124,1 123,0 121,7 120,3	12 000 11 100 10 200 9 300	42 400 40 700 38 700 36 900								60,0 62,0 64,0 66,0 68,0
70,0 72,0 74,0 76,0 78,0	53,0 50,7 48,4 46,0 43,5	118,8 117,2 115,5 113,6 111,5	8 600 7 800 7 200 6 500 5 900	35 200 33 700 32 300 30 900 29 600	56,7 54,6 52,4 50,2	119,6 118,2 116,6 115,0	3 700 3 200 2 600 2 200	30 500 29 200 27 900 26 700				70,0 72,0 74,0 76,0 78,0
80,0 82,0 84,0 86,0 88,0	40,9 38,1 35,2 32,0 28,5	109,3 106,8 104,0 100,9 97,4	5 400 4 800 4 300 3 800 3 300	28 400 27 200 26 200 25 100 24 200	47,8 45,4 42,9 40,2 37,4	113,2 111,3 109,2 106,8 104,3	1 700 1 300 900	25 600 24 600 23 600 22 600 21 700	51,7 49,4 47,0 44,6	113,8 112,1 110,3 108,3	22 000 21 000 20 200 19 300	80,0 82,0 84,0 86,0 88,0
90,0 92,0 94,0 96,0	24,5 19,7 13,4	93,3 88,2 81,1	2 900 2 400 2 000	23 200 22 400 21 500	34,4 31,2 27,5 23,4 18,4	101,5 98,3 94,6 90,3 84,9		20 900 20 100 19 300 18 500 17 800	42,0 39,3 36,4 33,4 30,0	106,1 103,7 101,1 98,2 94,8	18 600 17 800 17 100 16 400 15 800	90,0 92,0 94,0 96,0
									26,2 21,8 16,3 7,3	91,0 86,3 80,3 70,2	15 100* 14 400* 13 700* 13 100*	

Liftcrane Luffing Jib Capacities

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

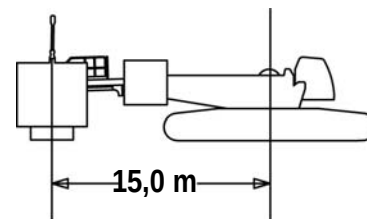
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



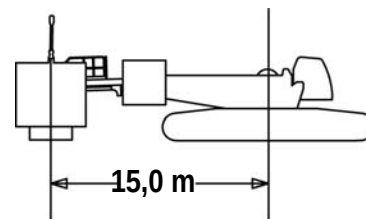
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	59,6	130,6	29 400	32 800*	62,7	132,2	25 600	40 400*	65,8	133,3	21 800	39 900*	44,2
46,0	57,9	129,5	27 600	31 500*	61,1	131,2	24 000	39 100*	64,2	132,4	20 400	39 900*	46,0
48,0	56,0	128,1	25 800	30 100*	59,3	130,0	22 300	37 700*	62,4	131,4	18 900	39 900*	48,0
50,0	54,0	126,7	24 100	28 700*	57,4	128,7	20 800	36 300*	60,6	130,3	17 500	39 900*	50,0
52,0	52,0	125,2	22 600	27 400*	55,5	127,4	19 400	34 900*	58,7	129,1	16 300	39 900*	52,0
54,0	50,0	123,5	21 200	26 100*	53,5	125,9	18 100	33 500*	56,8	127,8	15 100	39 900*	54,0
56,0	47,8	121,7	19 900	24 900*	51,5	124,3	17 000	32 000*	54,9	126,4	14 000	39 300*	56,0
58,0	45,6	119,8	18 700	23 800*	49,4	122,7	15 900	30 600*	52,9	124,9	13 100	38 000*	58,0
60,0	43,3	117,7	17 500	22 700*	47,2	120,8	14 800	29 300*	50,9	123,3	12 100	36 600*	60,0
62,0	40,9	115,5	16 500	21 700*	45,0	118,9	13 900	28 000*	48,8	121,6	11 300	35 200*	62,0
64,0	38,4	113,0	15 500	20 800*	42,7	116,7	13 000	26 800*	46,6	119,7	10 400	33 800*	64,0
66,0	35,7	110,3	14 500	19 900*	40,2	114,4	12 100	25 600*	44,3	117,7	9 700	32 400*	66,0
68,0	32,8	107,3	13 700	19 200*	37,7	111,9	11 300	24 500*	42,0	115,6	9 000	31 100*	68,0
70,0	29,7	103,9	12 800	18 500*	34,9	109,1	10 600	23 400*	39,5	113,2	8 300	29 800*	70,0
72,0	26,2	100,0	12 000	17 800*	32,0	106,0	9 800	22 500*	36,9	110,6	7 600	28 500*	72,0
74,0	22,3	95,4	11 300	17 400*	28,8	102,5	9 100	21 600*	34,1	107,7	7 000	27 300*	74,0
76,0	17,4	89,7	10 500	17 000*	25,2	98,5	8 500	20 800*	31,1	104,5	6 500	26 200*	76,0
78,0					21,1	93,7	7 800	20 100*	27,8	100,9	5 900	25 100*	78,0
80,0					15,9	87,4	7 300	19 600*	24,1	96,7	5 300	24 100*	80,0
82,0					7,6	77,2	6 600	17 800*	19,7	91,5	4 800	22 900*	82,0
84,0									14,0	84,7	4 300	21 400*	84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0
98,0													98,0
100,0													100,0
102,0													102,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

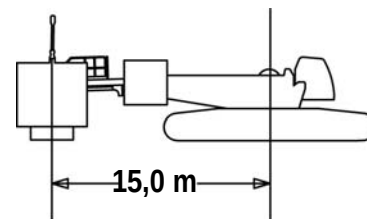
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



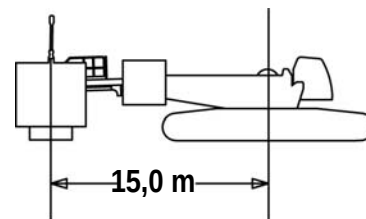
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
48,8	58,3	134,8	24 500	27 800*	61,2	136,5	21 000	34 300*	64,1	137,8	17 600	34 200*	48,8
50,0	57,2	134,0	23 500	27 100*	60,2	135,8	20 100	33 600*	63,1	137,1	16 800	34 200*	50,0
52,0	55,4	132,7	21 900	25 900*	58,5	134,6	18 700	32 500*	61,4	136,1	15 500	34 200*	52,0
54,0	53,6	131,2	20 600	24 800*	56,7	133,3	17 500	31 400*	59,7	134,9	14 400	34 200*	54,0
56,0	51,7	129,7	19 300	23 700*	54,9	131,9	16 300	30 200*	58,0	133,7	13 300	34 200*	56,0
58,0	49,8	128,0	18 000	22 700*	53,1	130,4	15 200	29 100*	56,2	132,4	12 300	34 100*	58,0
60,0	47,8	126,2	16 900	21 800*	51,2	128,8	14 100	27 900*	54,4	130,9	11 400	34 000*	60,0
62,0	45,8	124,3	15 900	20 800*	49,3	127,1	13 200	26 800*	52,6	129,4	10 500	33 200*	62,0
64,0	43,7	122,2	14 900	20 000*	47,3	125,3	12 300	25 700*	50,7	127,8	9 800	32 000*	64,0
66,0	41,5	120,0	13 900	19 100*	45,3	123,4	11 500	24 700*	48,7	126,1	9 000	30 900*	66,0
68,0	39,2	117,6	13 100	18 400*	43,1	121,3	10 600	23 600*	46,7	124,2	8 300	29 800*	68,0
70,0	36,8	115,0	12 200	17 700*	40,9	119,0	9 900	22 700*	44,7	122,2	7 600	28 700*	70,0
72,0	34,2	112,1	11 500	17 000*	38,6	116,6	9 200	21 700*	42,5	120,1	7 000	27 600*	72,0
74,0	31,5	109,0	10 700	16 400*	36,1	113,9	8 600	20 900*	40,3	117,8	6 400	26 500*	74,0
76,0	28,5	105,4	10 000	15 900*	33,5	110,9	7 900	20 100*	37,9	115,2	5 800	25 400*	76,0
78,0	25,2	101,4	9 300	15 400*	30,7	107,7	7 300	19 400*	35,4	112,5	5 200	24 500*	78,0
80,0	21,4	96,6	8 700	15 100*	27,6	104,0	6 700	18 700*	32,7	109,5	4 700	23 500*	80,0
82,0	16,7	90,6	8 100	14 800*	24,2	99,8	6 100	18 100*	29,9	106,1	4 200	22 500*	82,0
84,0					20,2	94,7	5 600	17 600*	26,7	102,3	3 800	21 300*	84,0
86,0					15,2	88,2	5 100	17 100*	23,1	97,9	3 300	20 200*	86,0
88,0					7,3	77,6	4 500	14 800*	18,9	92,5	2 800	19 200*	88,0
90,0									13,5	85,4	2 400	17 800*	90,0
92,0													92,0
94,0													94,0
96,0													96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

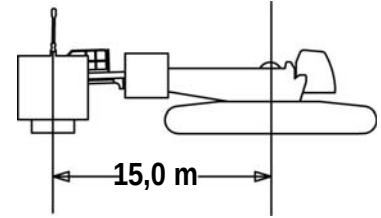
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



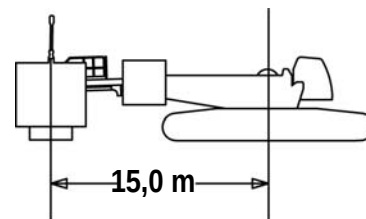
16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3	59,6	140,9	22 500	25 100*	62,3	142,5	19 100	29 700*	64,9	143,7	15 700	28 900*	50,3
52,0	58,2	139,9	21 200	24 300*	61,0	141,6	17 900	29 500*	63,6	142,9	14 600	28 800*	52,0
54,0	56,6	138,6	19 800	23 400*	59,4	140,4	16 600	29 000*	62,1	141,8	13 500	28 800*	54,0
56,0	54,9	137,2	18 500	22 500*	57,8	139,2	15 500	28 000*	60,5	140,7	12 400	28 700*	56,0
58,0	53,2	135,7	17 300	21 600*	56,1	137,8	14 400	27 100*	58,9	139,5	11 400	28 700*	58,0
60,0	51,5	134,1	16 100	20 700*	54,5	136,4	13 400	26 200*	57,3	138,2	10 500	28 500*	60,0
62,0	49,7	132,5	15 100	19 900*	52,8	134,9	12 400	25 300*	55,7	136,9	9 700	28 500*	62,0
64,0	47,9	130,7	14 200	19 100*	51,0	133,3	11 500	24 400*	54,0	135,4	8 900	28 400*	64,0
66,0	46,0	128,8	13 200	18 400*	49,2	131,6	10 600	23 500*	52,3	133,9	8 100	28 300*	66,0
68,0	44,0	126,7	12 300	17 600*	47,4	129,8	9 900	22 600*	50,5	132,3	7 400	27 900*	68,0
70,0	42,0	124,6	11 500	17 000*	45,5	127,8	9 100	21 800*	48,7	130,5	6 700	27 100*	70,0
72,0	39,9	122,2	10 700	16 300*	43,5	125,8	8 400	21 000*	46,8	128,7	6 100	26 200*	72,0
74,0	37,7	119,7	10 000	15 700*	41,5	123,6	7 800	20 200*	44,9	126,7	5 500	25 300*	74,0
76,0	35,4	116,9	9 300	15 200*	39,3	121,2	7 100	19 400*	42,9	124,6	5 000	24 500*	76,0
78,0	32,9	113,9	8 700	14 700*	37,1	118,6	6 500	18 700*	40,9	122,3	4 400	23 600*	78,0
80,0	30,3	110,6	8 000	14 200*	34,7	115,7	6 000	18 000*	38,7	119,9	3 900	22 800*	80,0
82,0	27,4	106,9	7 400	13 800*	32,2	112,7	5 400	17 400*	36,4	117,2	3 400	21 900*	82,0
84,0	24,2	102,6	6 800	13 400*	29,5	109,2	4 900	16 900*	34,1	114,3	2 900	20 900*	84,0
86,0	20,5	97,7	6 300	13 200*	26,6	105,4	4 400	16 300*	31,5	111,2	2 500	19 800*	86,0
88,0	16,1	91,4	5 700	13 000*	23,3	101,0	3 900	15 900*	28,7	107,7	2 100	18 800*	88,0
90,0					19,4	95,7	3 400	15 500*	25,7	103,7	1 700	17 800*	90,0
92,0					14,6	89,0	2 900	14 700*	22,3	99,1	1 300	16 800*	92,0
94,0					7,0	77,9	2 400	11 700*	18,2	93,5	900	16 000*	94,0
96,0									13,0	86,0		14 700*	96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0
110,0													110,0
112,0													112,0
114,0													114,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

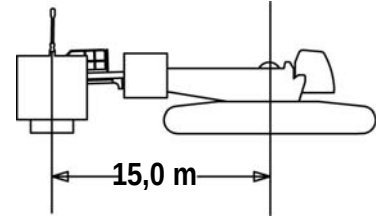
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



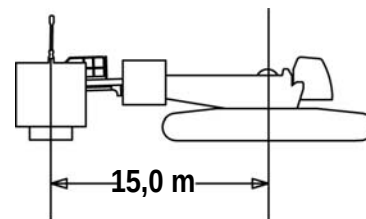
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	61,0	95,5	93 200	106 000*b									19,8
20,0	60,5	95,4	92 200	105 200*b									20,0
22,0	54,7	94,0	81 800	97 500*b	65,3	96,0	74 300	119 600*c					22,0
24,0	48,4	92,3	73 300	90 300*	59,8	94,8	66 500	112 500*b					24,0
26,0	41,4	90,2	66 300	83 800*	54,0	93,4	60 100	105 000*b	64,6	95,2	53 800	116 200b	26,0
28,0	33,2	87,4	60 300	78 300*	47,7	91,7	54 700	97 700*	59,1	94,1	48 900	106 100b	28,0
30,0	22,2	83,2	55 100	74 500*	40,6	89,5	50 000	90 900*	53,2	92,6	44 800	97 500b	30,0
32,0					32,1	86,6	46 000	85 000*	46,8	90,8	41 100	90 100	32,0
34,0					20,6	82,2	42 200	79 800*	39,6	88,6	37 900	83 600	34,0
36,0									30,9	85,5	35 000	78 000	36,0
38,0									18,6	80,8	32 300	72 900	38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
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	59,6	92,7	30 300	77 800b									34,0
36,0	53,7	91,3	28 000	72 500b									36,0
38,0	47,3	89,5	25 900	67 800									38,0
40,0	40,2	87,3	24 000	63 700									40,0
42,0	31,7	84,3	22 300	60 000	53,7	89,3	16 400	55 500b					42,0
44,0	19,8	79,8	20 600	56 500	47,4	87,6	15 200	52 300					44,0
46,0					40,2	85,3	14 000	49 500					46,0
48,0					31,7	82,4	12 900	46 900	46,7	84,9	7 300	40 900	48,0
50,0					19,9	77,9	11 900	44 400	39,5	82,6	6 600	38 900	50,0
52,0									30,8	79,6	5 900	37 000	52,0
54,0									18,3	74,8	5 200	35 200	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

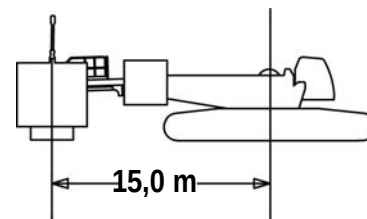
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



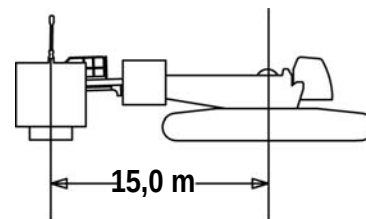
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	60,7	100,7	77 800	87 200* b	68,8	102,2	70 300	105 400* b					22,9
24,0	58,1	99,9	73 300	83 700*	66,4	101,7	66 200	102 700* b					24,0
26,0	53,4	98,5	66 200	77 800*	62,1	100,6	59 800	97 200* b					26,0
28,0	48,4	96,8	60 300	72 300*	57,6	99,4	54 400	91 300*	65,8	100,9	48 500	103 400 b	28,0
30,0	42,9	94,7	55 200	67 300*	52,9	97,9	49 800	85 300*	61,5	99,9	44 300	97 400 b	30,0
32,0	36,7	92,2	50 800	63 000*	47,8	96,2	45 800	79 600*	57,0	98,6	40 700	89 700	32,0
34,0	29,4	88,9	46 900	59 400*	42,2	94,1	42 300	74 300*	52,2	97,1	37 500	83 300	34,0
36,0	19,7	84,2	43 400	57 000*	36,0	91,5	39 200	69 500*	47,1	95,3	34 700	77 700	36,0
38,0					28,5	88,1	36 300	65 400*	41,5	93,2	32 200	72 700	38,0
40,0					18,2	83,1	33 700	62 400*	35,1	90,5	30 000	68 300	40,0
42,0									27,4	87,0	27 900	64 200	42,0
44,0									16,4	81,6	26 000	60 600	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9													22,9
24,0													24,0
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0	57,4	97,3	25 300	67 400									38,0
40,0	52,6	95,8	23 500	63 200									40,0
42,0	47,5	94,0	21 800	59 500									42,0
44,0	41,9	91,9	20 300	56 200									44,0
46,0	35,6	89,3	18 900	53 200	52,6	93,8	13 400	49 000					46,0
48,0	28,1	85,8	17 600	50 400	47,5	92,1	12 400	46 400					48,0
50,0	17,6	80,7	16 300	47 800	42,0	89,9	11 500	44 100					50,0
52,0					35,7	87,3	10 600	41 900	52,2	91,2	5 900	38 300	52,0
54,0					28,1	83,9	9 700	39 900	47,0	89,4	5 300	36 500	54,0
56,0					17,6	78,8	8 900	38 000	41,4	87,2	4 700	34 800	56,0
58,0									35,0	84,5	4 200	33 200	58,0
60,0									27,3	81,0	3 700	31 700	60,0
62,0									16,2	75,6	3 100	30 300	62,0

Liftcrane Luffing Jib Capacities

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

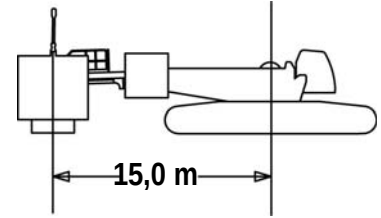
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



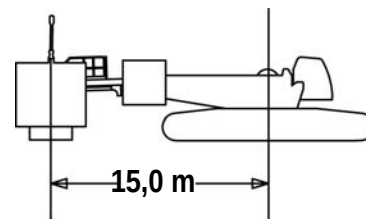
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	57,6	104,9	61 500	69 100*	64,6	106,7	55 200	85 800*					27,4
28,0	56,5	104,5	59 900	67 800*	63,6	106,4	53 800	84 500*					28,0
30,0	52,6	103,0	54 800	63 200*	59,9	105,2	49 100	79 900*					30,0
32,0	48,4	101,3	50 400	59 000*	56,1	103,9	45 100	75 100*	63,1	105,6	39 800	88 900	32,0
34,0	43,8	99,3	46 600	55 100*	52,1	102,4	41 700	70 400*	59,4	104,5	36 700	82 600	34,0
36,0	38,9	96,9	43 200	51 700*	47,9	100,6	38 600	65 900*	55,6	103,1	34 000	77 000	36,0
38,0	33,3	94,0	40 100	48 800*	43,3	98,6	35 900	61 700*	51,6	101,6	31 500	72 100	38,0
40,0	26,7	90,4	37 400	46 400*	38,3	96,2	33 400	57 900*	47,3	99,8	29 300	67 700	40,0
42,0	17,8	85,2	34 800	44 900*	32,6	93,2	31 100	54 500*	42,7	97,7	27 300	63 700	42,0
44,0					25,9	89,5	29 100	51 700*	37,6	95,2	25 500	60 200	44,0
46,0					16,5	83,9	27 100	49 600*	31,8	92,2	23 800	56 900	46,0
48,0									24,9	88,3	22 300	54 000	48,0
50,0									14,9	82,3	20 800	51 200	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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4													27,4
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	59,7	103,1	22 500	62 400									40,0
42,0	55,9	101,8	20 900	58 800									42,0
44,0	51,9	100,3	19 400	55 500									44,0
46,0	47,6	98,5	18 000	52 500									46,0
48,0	43,1	96,4	16 800	49 800	55,9	99,8	11 400	45 600					48,0
50,0	38,0	94,0	15 700	47 300	51,9	98,3	10 500	43 300					50,0
52,0	32,3	91,0	14 600	45 000	47,6	96,5	9 600	41 200					52,0
54,0	25,5	87,2	13 600	42 800	43,1	94,5	8 900	39 200					54,0
56,0	15,9	81,5	12 600	40 800	38,0	92,0	8 200	37 400					56,0
58,0					32,3	89,0	7 400	35 700	47,2	93,8	3 100	32 400	58,0
60,0					25,5	85,2	6 800	34 100	42,6	91,7	2 700	31 000	60,0
62,0					15,9	79,6	6 100	32 600	37,5	89,3	2 200	29 600	62,0
64,0									31,7	86,2	1 800	28 300	64,0
66,0									24,7	82,3	1 400	27 200	66,0
68,0									14,7	76,3	900	26 000	68,0

Liftcrane Luffing Jib Capacities

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

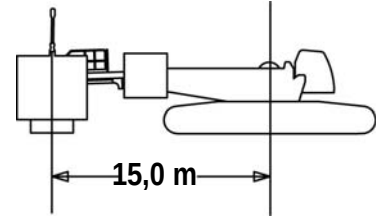
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	55,4	109,0	50 000	55 800*	61,5	111,0	44 600	70 300*	67,2	112,3	39 200	77 400*	32,0
34,0	51,9	107,5	46 200	52 300*	58,3	109,8	41 100	66 500*	64,2	111,3	36 100	77 400*	34,0
36,0	48,3	105,7	42 800	49 000*	55,0	108,4	38 100	62 700*	61,1	110,3	33 300	75 900	36,0
38,0	44,5	103,8	39 800	46 000*	51,5	106,9	35 400	59 000*	57,9	109,0	30 900	71 600	38,0
40,0	40,4	101,5	37 100	43 300*	47,9	105,1	32 900	55 500*	54,6	107,6	28 700	67 200	40,0
42,0	35,8	98,8	34 700	40 900*	44,0	103,1	30 700	52 100*	51,1	106,1	26 800	63 200	42,0
44,0	30,7	95,7	32 500	38 800*	39,9	100,8	28 700	49 000*	47,4	104,3	25 000	59 700	44,0
46,0	24,6	91,7	30 400	37 200*	35,3	98,1	26 900	46 300*	43,5	102,2	23 300	56 500	46,0
48,0	16,4	86,0	28 500	36 200*	30,1	94,8	25 200	43 800*	39,3	99,9	21 800	53 600	48,0
50,0					23,8	90,7	23 600	41 700*	34,7	97,1	20 500	50 900	50,0
52,0									29,4	93,8	19 200	48 400	52,0
54,0									22,9	89,5	17 900	46 100	54,0
56,0									13,7	83,0	16 700	44 000	56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0

Liftcrane Luffing Jib Capacities

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

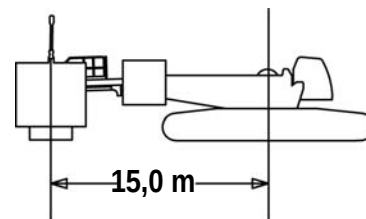
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0													40,0
42,0	61,3	108,9	20 100	58 200									42,0
44,0	58,1	107,7	18 700	54 900									44,0
46,0	54,8	106,3	17 400	51 900									46,0
48,0	51,4	104,7	16 100	49 200									48,0
50,0	47,7	103,0	15 000	46 700									50,0
52,0	43,8	100,9	14 000	44 500	54,8	104,3	8 900	40 500					52,0
54,0	39,7	98,6	13 100	42 400	51,4	102,8	8 200	38 600					54,0
56,0	35,0	95,9	12 100	40 400	47,7	101,0	7 400	36 800					56,0
58,0	29,8	92,6	11 300	38 600	43,8	99,0	6 800	35 100					58,0
60,0	23,5	88,4	10 500	36 900	39,7	96,7	6 200	33 600	51,0	100,1	1 900	30 300	60,0
62,0	14,6	82,2	9 700	35 300	35,1	93,9	5 600	32 100	47,4	98,3	1 500	29 000	62,0
64,0					29,8	90,6	5 000	30 800	43,5	96,3	1 100	27 800	64,0
66,0					23,5	86,5	4 500	29 500	39,2	93,9		26 600	66,0
68,0					14,6	80,3	3 900	28 300	34,6	91,2		25 500	68,0
70,0									29,3	87,8		24 500	70,0
72,0									22,8	83,5		23 400	72,0
74,0									13,5	77,0		22 500	74,0

Liftcrane Luffing Jib Capacities

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

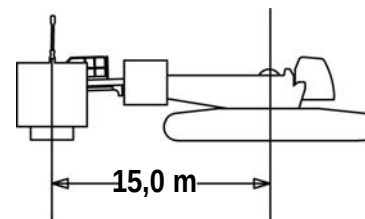
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	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	51,3	111,9	39 000	43 700*	56,9	114,3	34 500	55 800*	62,2	116,0	29 900	66 800*	38,1
40,0	48,3	110,2	36 500	41 300*	54,2	112,9	32 200	52 900*	59,6	114,9	27 900	64 700*	40,0
42,0	45,0	108,3	34 100	38 900*	51,1	111,3	30 000	50 000*	56,7	113,6	25 900	61 900*	42,0
44,0	41,4	106,1	31 900	36 700*	47,9	109,6	28 000	47 200*	53,8	112,1	24 100	59 000	44,0
46,0	37,6	103,6	29 900	34 800*	44,6	107,6	26 200	44 500*	50,7	110,5	22 500	55 800	46,0
48,0	33,4	100,6	28 100	33 000*	41,0	105,4	24 600	42 000*	47,5	108,7	21 000	52 900	48,0
50,0	28,6	97,2	26 400	31 500*	37,1	102,8	23 100	39 700*	44,1	106,7	19 700	50 300	50,0
52,0	22,9	92,9	24 800	30 400*	32,9	99,9	21 600	37 600*	40,5	104,5	18 400	47 600*	52,0
54,0	15,3	86,8	23 300	29 700*	28,0	96,3	20 300	35 900*	36,6	101,9	17 300	45 100*	54,0
56,0					22,2	91,9	19 100	34 400*	32,3	98,8	16 200	42 700*	56,0
58,0									27,3	95,2	15 100	40 600*	58,0
60,0									21,3	90,6	14 200	38 800*	60,0
62,0									12,7	83,7	13 200	37 500*	62,0
64,0													64,0
66,0													66,0
68,0													68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

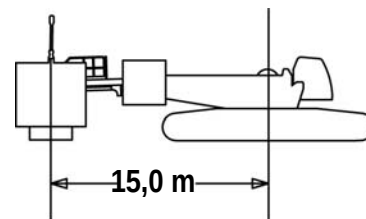
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
38,1													38,1
40,0													40,0
42,0													42,0
44,0													44,0
46,0	59,8	113,5	16 400	51 100									46,0
48,0	56,9	112,2	15 200	48 400									48,0
50,0	54,0	110,8	14 100	46 000									50,0
52,0	51,0	109,2	13 100	43 700									52,0
54,0	47,8	107,4	12 200	41 600	57,0	110,2	7 100	37 700					54,0
56,0	44,4	105,4	11 300	39 700	54,0	108,8	6 400	36 000					56,0
58,0	40,8	103,2	10 500	37 900	51,0	107,2	5 800	34 300					58,0
60,0	36,9	100,6	9 700	36 200	47,8	105,5	5 200	32 800					60,0
62,0	32,6	97,7	9 000	34 700	44,4	103,5	4 700	31 400					62,0
64,0	27,8	94,1	8 300	33 200	40,8	101,2	4 100	30 000	50,7	104,6	26 900		64,0
66,0	21,9	89,6	7 600	31 800	36,9	98,7	3 600	28 800	47,5	102,8	25 800		66,0
68,0	13,6	82,9	6 900	30 500	32,7	95,7	3 200	27 600	44,1	100,8	24 700		68,0
70,0					27,8	92,1	2 700	26 500	40,5	98,5	23 700		70,0
72,0					21,9	87,6	2 300	25 400	36,6	95,9	22 700		72,0
74,0					13,6	81,0	1 800	24 400	32,2	92,9	21 800		74,0
76,0									27,3	89,2	20 900		76,0
78,0									21,2	84,6	20 100		78,0
80,0									12,5	77,6	19 300		80,0

Liftcrane Luffing Jib Capacities

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

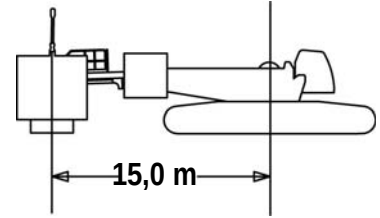
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	50,2	115,9	32 800	36 600*	55,3	118,4	28 700	46 900*	60,0	120,2	24 600	56 900*	42,7
44,0	48,3	114,7	31 400	35 300*	53,5	117,4	27 400	45 300*	58,4	119,4	23 400	55 500*	44,0
46,0	45,3	112,7	29 400	33 300*	50,8	115,8	25 700	42 900*	55,8	118,1	21 800	53 200*	46,0
48,0	42,2	110,6	27 600	31 600*	48,0	114,1	24 000	40 700*	53,2	116,6	20 400	50 900*	48,0
50,0	38,9	108,2	26 000	30 000*	45,0	112,1	22 500	38 500*	50,4	115,0	19 100	48 600*	50,0
52,0	35,3	105,5	24 400	28 500*	41,9	109,9	21 100	36 500*	47,6	113,2	17 800	46 200*	52,0
54,0	31,4	102,3	23 000	27 300*	38,5	107,5	19 800	34 600*	44,6	111,2	16 700	43 900*	54,0
56,0	26,9	98,6	21 700	26 200*	34,9	104,7	18 600	32 900*	41,5	109,0	15 600	41 700*	56,0
58,0	21,6	94,0	20 400	25 400*	30,9	101,5	17 500	31 300*	38,1	106,6	14 600	39 600*	58,0
60,0	14,3	87,5	19 100	24 900*	26,3	97,7	16 400	30 000*	34,4	103,7	13 700	37 600*	60,0
62,0					20,9	93,0	15 400	28 900*	30,4	100,5	12 800	35 800*	62,0
64,0					13,3	86,1	14 500	28 200*	25,7	96,6	12 000	34 200*	64,0
66,0									20,1	91,7	11 100	32 800*	66,0
68,0									11,9	84,3	10 400	31 700*	68,0
70,0													70,0
72,0													72,0
74,0													74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

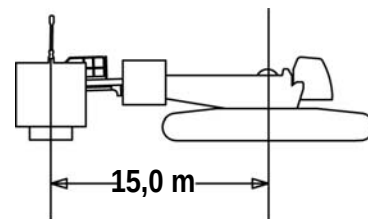
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters	
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
42,7													42,7
44,0													44,0
46,0													46,0
48,0	61,0	119,3	14 400	47 800									48,0
50,0	58,6	118,1	13 300	45 300									50,0
52,0	56,0	116,8	12 300	43 100									52,0
54,0	53,4	115,3	11 400	41 000									54,0
56,0	50,7	113,7	10 500	39 100									56,0
58,0	47,8	111,9	9 800	37 300	56,0	114,8	5 000	33 700					58,0
60,0	44,8	109,9	9 000	35 700	53,4	113,3	4 400	32 100					60,0
62,0	41,7	107,8	8 300	34 100	50,7	111,7	3 900	30 800					62,0
64,0	38,3	105,3	7 700	32 700	47,8	109,9	3 400	29 400					64,0
66,0	34,7	102,5	7 000	31 300	44,9	108,0	2 900	28 200					66,0
68,0	30,7	99,3	6 400	30 100	41,7	105,8	2 500	27 000	50,4	109,1	24 000		68,0
70,0	26,1	95,5	5 900	28 900	38,4	103,3	2 000	25 900	47,6	107,3	23 000		70,0
72,0	20,5	90,6	5 300	27 700	34,7	100,6	1 600	24 900	44,6	105,3	22 100		72,0
74,0	12,8	83,6	4 700	26 600	30,7	97,3	1 200	23 900	41,4	103,1	21 200		74,0
76,0					26,1	93,5	800	23 000	38,0	100,6	20 400		76,0
78,0					20,6	88,7		22 100	34,4	97,8	19 500		78,0
80,0					12,8	81,6		21 200	30,3	94,5	18 800		80,0
82,0									25,6	90,6	18 000		82,0
84,0									20,0	85,7	17 300		84,0
86,0									11,8	78,2	16 600		86,0

Liftcrane Luffing Jib Capacities

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

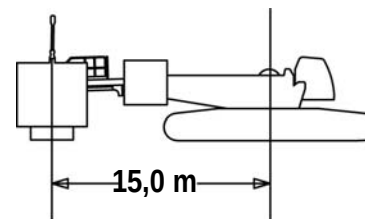
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	49,3	119,8	27 600	30 900*	53,9	122,5	23 900	39 700*	58,3	124,5	20 000	48 500*	47,2
48,0	48,3	119,2	27 000	30 300*	53,0	121,9	23 200	39 000*	57,4	124,0	19 500	47 800*	48,0
50,0	45,6	117,2	25 300	28 800*	50,5	120,3	21 700	37 100*	55,1	122,6	18 200	46 000*	50,0
52,0	42,9	115,1	23 800	27 300*	48,0	118,5	20 400	35 200*	52,7	121,1	17 000	44 100*	52,0
54,0	39,9	112,8	22 400	26 000*	45,3	116,6	19 100	33 500*	50,2	119,5	15 800	42 200*	54,0
56,0	36,8	110,2	21 000	24 800*	42,5	114,5	17 900	31 800*	47,7	117,7	14 800	40 300*	56,0
58,0	33,4	107,3	19 800	23 800*	39,6	112,1	16 800	30 300*	45,0	115,7	13 800	38 500*	58,0
60,0	29,7	103,9	18 700	22 800*	36,4	109,5	15 800	28 900*	42,2	113,6	12 900	36 600*	60,0
62,0	25,5	100,0	17 600	22 000*	33,0	106,5	14 800	27 500*	39,2	111,2	12 000	34 900*	62,0
64,0	20,4	95,1	16 600	21 400*	29,2	103,1	13 900	26 400*	36,0	108,5	11 200	33 300*	64,0
66,0	13,6	88,2	15 500	21 100*	24,9	99,1	13 000	25 300*	32,6	105,5	10 500	31 700*	66,0
68,0					19,7	94,0	12 200	24 500*	28,7	102,0	9 700	30 300*	68,0
70,0					12,5	86,7	11 400	24 000*	24,3	97,9	9 100	29 100*	70,0
72,0									19,0	92,6	8 400	28 000*	72,0
74,0									11,3	84,8	7 700	26 800*	74,0
76,0													76,0
78,0													78,0
80,0													80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

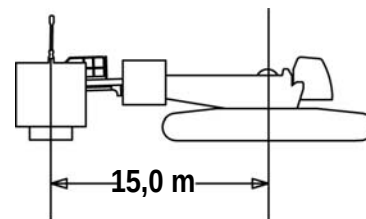
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	
47,2												47,2
48,0												48,0
50,0												50,0
52,0	59,8	123,9	11 300	42 300								52,0
54,0	57,6	122,7	10 400	40 200								54,0
56,0	55,3	121,3	9 600	38 300								56,0
58,0	52,9	119,8	8 800	36 600								58,0
60,0	50,4	118,2	8 100	34 900								60,0
62,0	47,9	116,4	7 400	33 400	55,3	119,3	2 800	29 900				62,0
64,0	45,2	114,4	6 800	32 000	52,9	117,8	2 400	28 600				64,0
66,0	42,4	112,3	6 200	30 600	50,4	116,2	1 900	27 400				66,0
68,0	39,4	109,9	5 600	29 400	47,9	114,4	1 500	26 200				68,0
70,0	36,3	107,3	5 100	28 200	45,2	112,5	1 100	25 100				70,0
72,0	32,8	104,3	4 500	27 100	42,4	110,3		24 100	50,2	113,5	21 200	72,0
74,0	29,0	100,9	4 000	26 000	39,4	108,0		23 100	47,6	111,7	20 400	74,0
76,0	24,7	96,8	3 500	25 000	36,3	105,3		22 200	44,9	109,8	19 500	76,0
78,0	19,4	91,7	3 100	24 000	32,8	102,3		21 400	42,1	107,6	18 700	78,0
80,0	12,0	84,2	2 600	23 000	29,0	98,9		20 500	39,2	105,2	18 000	80,0
82,0					24,7	94,8		19 800	36,0	102,6	17 200	82,0
84,0					19,5	89,7		19 000	32,5	99,5	16 500*	84,0
86,0					12,1	82,2		18 200	28,7	96,0	15 800*	86,0
88,0									24,3	91,9	15 100*	88,0
90,0									18,9	86,6	14 400*	90,0
92,0									11,1	78,7	13 700*	92,0

Liftcrane Luffing Jib Capacities

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

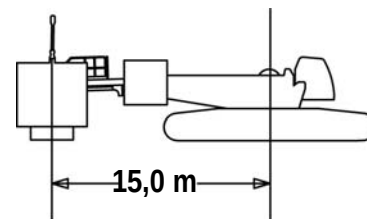
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



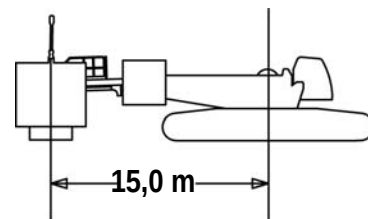
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
50,3	50,3	125,1	24 400	27 400*	54,4	127,7	20 700	35 100*	58,4	129,6	17 100	42 600*	50,3
52,0	48,3	123,6	23 000	26 300*	52,6	126,4	19 600	33 700*	56,6	128,5	16 100	41 400*	52,0
54,0	45,9	121,7	21 600	25 000*	50,3	124,8	18 300	32 200*	54,5	127,1	15 000	39 900*	54,0
56,0	43,4	119,7	20 300	23 800*	48,0	123,0	17 100	30 700*	52,3	125,6	13 900	38 400*	56,0
58,0	40,8	117,4	19 100	22 800*	45,6	121,1	16 100	29 300*	50,0	123,9	13 000	36 900*	58,0
60,0	38,0	114,9	18 000	21 800*	43,1	119,0	15 000	28 000*	47,7	122,2	12 000	35 400*	60,0
62,0	35,0	112,1	16 900	20 900*	40,4	116,7	14 100	26 700*	45,3	120,2	11 200	33 900*	62,0
64,0	31,8	109,0	15 900	20 100*	37,6	114,2	13 200	25 500*	42,8	118,1	10 400	32 400*	64,0
66,0	28,3	105,4	15 000	19 400*	34,7	111,4	12 300	24 400*	40,1	115,8	9 700	31 000*	66,0
68,0	24,2	101,2	14 100	18 800*	31,4	108,2	11 500	23 400*	37,3	113,2	9 000	29 600*	68,0
70,0	19,4	96,1	13 200	18 300*	27,8	104,6	10 800	22 500*	34,3	110,4	8 300	28 400*	70,0
72,0	12,9	88,8	12 400	18 200*	23,7	100,3	10 000	21 700*	31,0	107,2	7 600	27 200*	72,0
74,0					18,8	95,0	9 300	21 100*	27,3	103,5	7 000	26 100*	74,0
76,0					11,9	87,3	8 600	20 800*	23,2	99,1	6 500	25 100*	76,0
78,0									18,1	93,6	5 900	24 300*	78,0
80,0									10,7	85,4	5 300	22 900*	80,0
82,0													82,0
84,0													84,0
86,0													86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

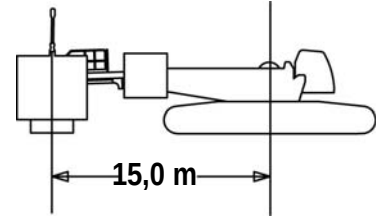
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



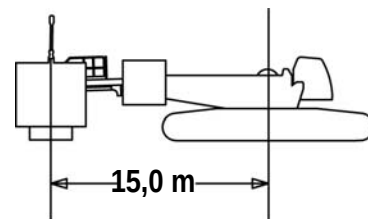
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
51,8	52,6	131,6	22 500	25 200*	56,3	134,0	18 900	32 000*	59,9	135,7	15 300	36 800*	51,8
52,0	52,4	131,5	22 400	25 100*	56,2	133,9	18 800	31 900*	59,7	135,6	15 200	36 800*	52,0
54,0	50,4	129,9	21 000	23 900*	54,2	132,4	17 500	30 600*	57,8	134,4	14 100	36 700*	54,0
56,0	48,3	128,1	19 700	22 800*	52,2	130,9	16 400	29 400*	55,9	133,1	13 100	36 000*	56,0
58,0	46,1	126,2	18 500	21 800*	50,2	129,2	15 300	28 100*	54,0	131,6	12 100	34 700*	58,0
60,0	43,8	124,2	17 300	20 900*	48,0	127,5	14 300	26 900*	52,0	130,1	11 200	33 500*	60,0
62,0	41,4	121,9	16 300	20 000*	45,8	125,6	13 300	25 800*	49,9	128,4	10 400	32 300*	62,0
64,0	38,9	119,5	15 300	19 200*	43,5	123,5	12 400	24 700*	47,7	126,6	9 600	31 100*	64,0
66,0	36,3	116,8	14 300	18 400*	41,1	121,2	11 600	23 600*	45,5	124,7	8 900	29 900*	66,0
68,0	33,4	113,9	13 500	17 700*	38,6	118,8	10 800	22 600*	43,2	122,6	8 200	28 700*	68,0
70,0	30,4	110,6	12 600	17 100*	36,0	116,1	10 100	21 700*	40,8	120,3	7 500	27 500*	70,0
72,0	27,0	106,9	11 900	16 500*	33,1	113,1	9 400	20 800*	38,3	117,9	6 900	26 400*	72,0
74,0	23,1	102,5	11 100	16 100*	30,0	109,8	8 700	20 100*	35,6	115,2	6 300	25 300*	74,0
76,0	18,5	97,0	10 400	15 800*	26,6	106,0	8 100	19 400*	32,7	112,1	5 800	24 400*	76,0
78,0	12,3	89,5	9 600	15 700*	22,7	101,5	7 400	18 800*	29,6	108,7	5 200	23 400*	78,0
80,0					17,9	95,9	6 800	18 300*	26,1	104,9	4 700	22 600*	80,0
82,0					11,4	87,9	6 300	18 100*	22,1	100,2	4 200	21 800*	82,0
84,0									17,2	94,5	3 700	21 200*	84,0
86,0									10,2	85,9	3 200	19 600*	86,0
88,0													88,0
90,0													90,0
92,0													92,0
94,0													94,0
96,0													96,0
98,0													98,0
100,0													100,0
102,0													102,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
51,8											51,8
52,0											52,0
54,0											54,0
56,0	61,7	135,4	7 700	33 700*							56,0
58,0	59,9	134,3	6 900	33 700*							58,0
60,0	58,0	133,1	6 200	33 300							60,0
62,0	56,1	131,7	5 600	31 900							62,0
64,0	54,1	130,3	4 900	30 500							64,0
66,0	52,1	128,8	4 300	29 200							66,0
68,0	50,0	127,1	3 800	27 900	56,1	129,7	24 600				68,0
70,0	47,9	125,3	3 300	26 800	54,1	128,3	23 600				70,0
72,0	45,7	123,4	2 800	25 600	52,1	126,8	22 600				72,0
74,0	43,4	121,3	2 300	24 600	50,0	125,1	21 600				74,0
76,0	41,0	119,1	1 900	23 600	47,9	123,4	20 700				76,0
78,0	38,5	116,6	1 500	22 700	45,7	121,4	19 900	51,9	124,1	16 700*	78,0
80,0	35,8	113,9	1 100	21 800	43,4	119,4	19 100	49,9	122,5	15 900*	80,0
82,0	33,0	110,9	700	21 000	41,0	117,1	18 300	47,7	120,7	15 200*	82,0
84,0	29,8	107,6		20 200	38,5	114,7	17 600	45,5	118,8	14 400*	84,0
86,0	26,4	103,7		19 400	35,8	111,9	16 900	43,2	116,7	13 700*	86,0
88,0	22,5	99,2		18 600	33,0	109,0	16 200	40,8	114,4	13 100*	88,0
90,0	17,7	93,5		17 900	29,9	105,6	15 500*	38,3	111,9	12 400*	90,0
92,0	10,9	85,3		17 200	26,4	101,8	14 900*	35,6	109,2	11 800*	92,0
94,0					22,5	97,2	14 200*	32,7	106,2	11 300*	94,0
96,0					17,7	91,6	13 600*	29,5	102,8	10 700*	96,0
98,0					11,0	83,4	12 900*	26,1	98,9	10 200*	98,0
100,0								22,1	94,3	9 600*	100,0
102,0								17,2	88,4	9 100*	102,0

Liftcrane Luffing Jib Capacities

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

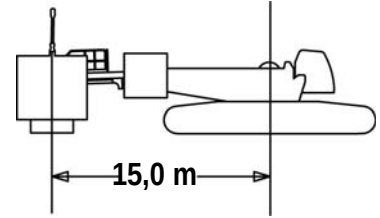
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



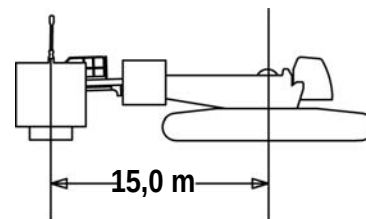
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
54,9	53,2	136,9	19 800	22 300*	56,6	139,1	16 300	28 200*	59,8	140,9	12 900	31 700*	54,9
56,0	52,1	136,0	19 000	21 700*	55,6	138,4	15 700	27 600*	58,9	140,2	12 300	31 700*	56,0
58,0	50,2	134,3	17 800	20 800*	53,8	136,9	14 600	26 600*	57,1	139,0	11 400	31 700*	58,0
60,0	48,3	132,6	16 700	19 900*	51,9	135,4	13 600	25 600*	55,4	137,6	10 500	31 300*	60,0
62,0	46,2	130,7	15 700	19 100*	50,0	133,7	12 700	24 600*	53,5	136,1	9 700	30 300*	62,0
64,0	44,2	128,7	14 700	18 300*	48,0	131,9	11 800	23 600*	51,7	134,6	8 900	29 300*	64,0
66,0	42,0	126,5	13 800	17 600*	46,0	130,1	11 000	22 600*	49,8	132,9	8 200	28 300*	66,0
68,0	39,7	124,1	12 900	16 900*	43,9	128,0	10 200	21 800*	47,8	131,1	7 500	27 300*	68,0
70,0	37,3	121,6	12 100	16 300*	41,7	125,8	9 500	20 900*	45,7	129,2	6 800	26 400*	70,0
72,0	34,8	118,7	11 300	15 700*	39,4	123,4	8 800	20 100*	43,6	127,1	6 200	25 400*	72,0
74,0	32,1	115,6	10 600	15 100*	37,0	120,8	8 100	19 300*	41,4	124,9	5 600	24 400*	74,0
76,0	29,1	112,2	9 900	14 700*	34,5	118,0	7 500	18 600*	39,1	122,5	5 100	23 500*	76,0
78,0	25,9	108,2	9 200	14 300*	31,8	114,9	6 900	17 900*	36,7	119,9	4 600	22 600*	78,0
80,0	22,2	103,6	8 500	13 900*	28,8	111,3	6 300	17 300*	34,1	117,0	4 100	21 800*	80,0
82,0	17,8	98,0	7 900	13 700*	25,5	107,3	5 700	16 800*	31,4	113,8	3 600	21 000*	82,0
84,0	11,8	90,1	7 300	13 600*	21,7	102,7	5 200	16 300*	28,4	110,3	3 100	20 300*	84,0
86,0					17,2	96,8	4 700	16 000*	25,1	106,2	2 700	19 600*	86,0
88,0					10,9	88,5	4 200	15 500*	21,2	101,4	2 300	19 100*	88,0
90,0									16,5	95,3	1 800	18 500*	90,0
92,0									9,8	86,4	1 400	16 100*	92,0
94,0													94,0
96,0													96,0
98,0													98,0
100,0													100,0
102,0													102,0
104,0													104,0
106,0													106,0
108,0													108,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

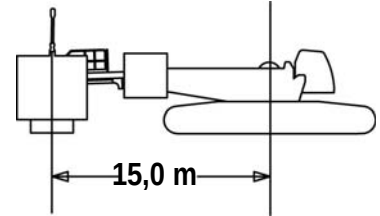
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

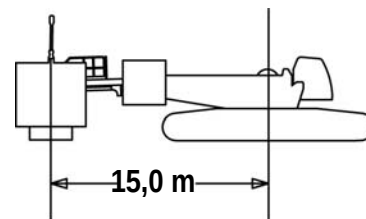
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
56,4											56,4
58,0											58,0
60,0											60,0
62,0	61,4	145,8	3 700	24 600*							62,0
64,0	59,9	144,7	3 100	24 600*							64,0
66,0	58,3	143,5	2 600	24 600*							66,0
68,0	56,6	142,2	2 000	24 600*							68,0
70,0	55,0	140,8	1 500	24 600*							70,0
72,0	53,3	139,3	1 000	24 400							72,0
74,0	51,6	137,7		23 200	56,7	140,2	20 100				74,0
76,0	49,8	136,1		22 300	55,0	138,8	19 200				76,0
78,0	48,0	134,3		21 400	53,3	137,3	18 300*				78,0
80,0	46,1	132,4		20 500	51,6	135,7	17 500*				80,0
82,0	44,1	130,4		19 700	49,8	134,1	16 600*				82,0
84,0	42,1	128,2		18 900	48,0	132,3	15 800*				84,0
86,0	40,0	125,8		18 100	46,1	130,4	15 100*	51,4	133,1	11 700*	86,0
88,0	37,8	123,3		17 400	44,1	128,4	14 400*	49,6	131,4	11 100*	88,0
90,0	35,5	120,6		16 700	42,1	126,2	13 700*	47,8	129,6	10 400*	90,0
92,0	33,0	117,6		16 100	40,0	123,9	13 000*	45,9	127,7	9 900*	92,0
94,0	30,4	114,3		15 400	37,8	121,3	12 400*	43,9	125,7	9 300*	94,0
96,0	27,5	110,6		14 800	35,5	118,6	11 800*	41,9	123,5	8 800*	96,0
98,0	24,4	106,4		14 200	33,1	115,6	11 200*	39,8	121,1	8 300*	98,0
100,0	20,7	101,4		13 600*	30,4	112,3	10 600*	37,6	118,6	7 700*	100,0
102,0	16,3	95,2		13 000*	27,6	108,6	10 100*	35,3	115,8	7 300*	102,0
104,0	10,1	86,3		12 300*	24,4	104,4	9 600*	32,8	112,8	6 800*	104,0
106,0					20,7	99,4	9 000*	30,2	109,5	6 300*	106,0
108,0					16,3	93,3	8 500*	27,3	105,7	5 900*	108,0
110,0								24,1	101,5	5 500*	110,0
112,0								20,4	96,4	5 100*	112,0
114,0								15,8	90,1	4 600*	114,0

Liftcrane Luffing Jib Capacities

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

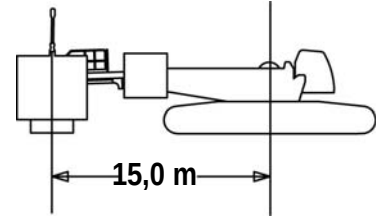
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



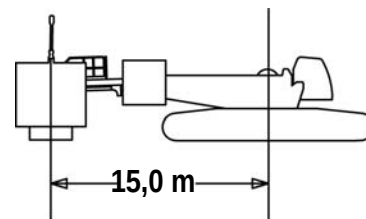
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	48,5	98,3	71 600	79 600*	60,8	101,0	64 100	97 800* ^b	67,4	101,6	52 100	101 500* ^c	24,4
26,0	43,0	96,7	66 000	75 300*	56,2	99,9	59 100	93 000* ^b	62,0	100,6	47 300	99 300* ^b	26,0
28,0	35,1	94,0	60 000	70 800*	50,1	98,3	53 700	87 200* ^b	56,4	99,3	43 300	93 500* ^b	28,0
30,0	24,9	90,3	54 800	67 400*	43,3	96,3	49 100	81 700*	50,2	97,7	39 700	88 000* ^b	30,0
32,0					35,4	93,7	45 100	76 800*	43,5	95,7	36 600	82 500	32,0
34,0					25,4	90,0	41 500	71 400*	35,7	93,1	33 800	77 000	34,0
36,0									25,8	89,5	31 300	71 500	36,0
38,0													38,0
40,0													40,0
42,0													42,0
44,0													44,0
46,0													46,0
48,0													48,0
50,0													50,0
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 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4													24,4
26,0													26,0
28,0													28,0
30,0													30,0
32,0													32,0
34,0													34,0
36,0	58,3	98,2	25 900	70 900b									36,0
38,0	52,3	96,7	23 900	66 300b									38,0
40,0	45,8	94,9	22 200	62 300									40,0
42,0	38,4	92,5	20 600	58 600									42,0
44,0	29,4	89,3	19 000	55 300	53,9	95,0	12 800	50 500b					44,0
46,0					47,5	93,3	11 800	47 800					46,0
48,0					40,4	91,1	10 900	45 300					48,0
50,0					31,9	88,1	10 000	43 000					50,0
52,0									48,5	90,8	4 100	37 100b	52,0
54,0									41,5	88,7	3 600	35 300	54,0
56,0									33,3	85,9	3 000	33 600	56,0
58,0									22,4	81,8	2 500	32 000	58,0

Liftcrane Luffing Jib Capacities

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

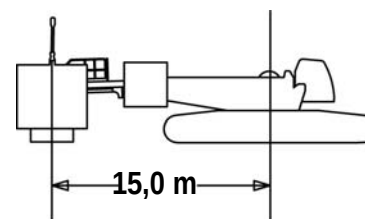
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



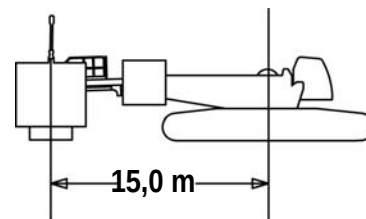
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	42,7	100,7	53 800	60 100*	53,5	104,1	47 800	75 200*	62,8	106,1	41 800	87 000*	30,5
32,0	38,1	98,8	50 500	57 400*	49,7	102,8	44 900	71 700*	59,4	105,2	39 200	84 100*	32,0
34,0	31,1	95,7	46 700	54 400*	44,3	100,8	41 400	67 300*	54,8	103,8	36 100	80 000*	34,0
36,0	22,1	91,4	43 100	52 200*	38,4	98,4	38 400	63 300*	49,8	102,2	33 500	75 900*	36,0
38,0					31,4	95,4	35 600	59 800*	44,5	100,2	31 000	71 700	38,0
40,0					22,5	91,2	33 100	57 100*	38,6	97,9	28 900	67 300	40,0
42,0									31,6	94,8	26 800	63 400	42,0
44,0									22,8	90,7	25 000	59 300	44,0
46,0													46,0
48,0													48,0
50,0													50,0
52,0													52,0
54,0													54,0
56,0													56,0
58,0													58,0
60,0													60,0
62,0													62,0
64,0													64,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5													30,5
32,0													32,0
34,0													34,0
36,0													36,0
38,0													38,0
40,0	56,3	102,7	21 500	61 700									40,0
42,0	51,5	101,2	20 000	58 100									42,0
44,0	46,3	99,4	18 600	54 900									44,0
46,0	40,6	97,2	17 300	51 900									46,0
48,0	34,1	94,4	16 100	49 200	52,8	99,5	10 200	44 700					48,0
50,0	26,1	90,7	14 900	46 700	47,7	97,7	9 400	42 500					50,0
52,0					42,1	95,6	8 600	40 400					52,0
54,0					35,8	93,0	7 900	38 500					54,0
56,0					28,3	89,6	7 200	36 700	48,4	95,3	2 400	33 100	56,0
58,0									43,0	93,3	2 000	31 500	58,0
60,0									36,8	90,7	1 500	30 100	60,0
62,0									29,5	87,5	1 100	28 800	62,0
64,0									19,8	82,8	700	27 500	64,0

Liftcrane Luffing Jib Capacities

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

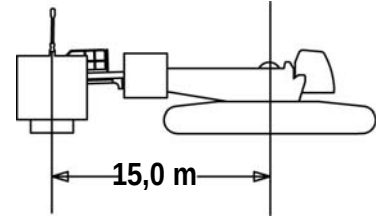
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



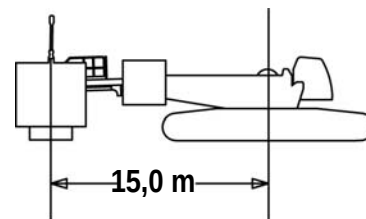
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	68,5	113,6	58 200	76 800*b					25,9
26,0	68,4	113,6	57 900	76 700*b					26,0
28,0	64,9	112,7	52 600	74 800*b					28,0
30,0	61,2	111,6	48 100	70 900*					30,0
32,0	57,5	110,4	44 200	67 100*	65,0	112,1	38 300	76 000*b	32,0
34,0	53,6	108,9	40 800	63 300*	61,3	111,0	35 300	75 300*	34,0
36,0	49,4	107,3	37 800	59 600*	57,6	109,8	32 600	72 800*	36,0
38,0	45,0	105,3	35 100	56 100*	53,7	108,3	30 200	69 000*	38,0
40,0	40,2	103,1	32 700	52 900*	49,6	106,7	28 100	65 400*	40,0
42,0	34,8	100,3	30 500	50 000*	45,1	104,7	26 200	61 900*	42,0
44,0	28,5	96,9	28 400	47 600*	40,3	102,5	24 400	58 500*	44,0
46,0	20,4	92,3	26 600	45 700*	35,0	99,8	22 800	55 400*	46,0
48,0					28,7	96,4	21 300	52 600*	48,0
50,0					20,7	91,8	19 900	50 000*	50,0
52,0									52,0
54,0									54,0
56,0									56,0
58,0									58,0
60,0									60,0
62,0									62,0
64,0									64,0
66,0									66,0
68,0									68,0
70,0									70,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 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	
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	58,9	108,6	19 000	57 300								42,0
44,0	55,0	107,3	17 600	54 100								44,0
46,0	51,0	105,7	16 400	51 200								46,0
48,0	46,6	103,9	15 200	48 500								48,0
50,0	42,0	101,7	14 200	46 100								50,0
52,0	36,8	99,2	13 200	43 800	52,0	104,0	7 600	39 600				52,0
54,0	30,9	96,0	12 200	41 700	47,8	102,2	6 900	37 700				54,0
56,0	23,7	91,9	11 300	39 800	43,2	100,2	6 300	36 000				56,0
58,0					38,2	97,7	5 700	34 300	52,6	101,5	30 600	58,0
60,0					32,5	94,8	5 100	32 800	48,4	99,8	29 300	60,0
62,0					25,7	91,0	4 500	31 400	43,9	97,8	28 000	62,0
64,0					16,2	85,4	3 900	30 000	39,0	95,4	26 800	64,0
66,0									33,4	92,6	25 700	66,0
68,0									26,8	88,9	24 600	68,0
70,0									17,9	83,7	23 500	70,0

Liftcrane Luffing Jib Capacities

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

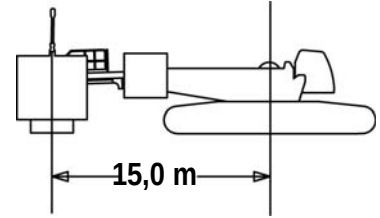
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



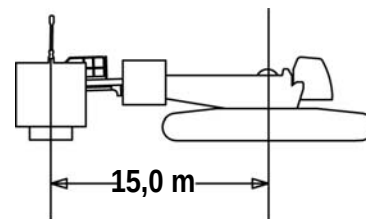
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	69,5	119,5	53 500	67 300*b					27,4
28,0	68,7	119,3	52 100	67 200*b					28,0
30,0	65,7	118,4	47 600	65 600*					30,0
32,0	62,6	117,4	43 600	62 500*					32,0
34,0	59,5	116,2	40 200	59 400*	65,8	117,8	34 600	66 300*	34,0
36,0	56,2	114,9	37 200	56 400*	62,7	116,7	31 900	66 100*	36,0
38,0	52,8	113,4	34 500	53 300*	59,6	115,6	29 600	64 600*	38,0
40,0	49,3	111,7	32 200	50 300*	56,3	114,3	27 500	61 700*	40,0
42,0	45,5	109,8	30 000	47 600*	52,9	112,8	25 600	58 800*	42,0
44,0	41,4	107,6	28 000	45 000*	49,4	111,1	23 800	55 900*	44,0
46,0	37,0	105,1	26 200	42 500*	45,6	109,2	22 300	53 000*	46,0
48,0	32,1	102,1	24 600	40 500*	41,6	107,1	20 800	50 200*	48,0
50,0	26,3	98,3	23 100	38 700*	37,1	104,5	19 500	47 600*	50,0
52,0	18,8	93,2	21 600	37 300*	32,2	101,5	18 300	45 300*	52,0
54,0					26,5	97,8	17 100	43 200*	54,0
56,0					19,1	92,8	16 000	41 500*	56,0
58,0									58,0
60,0									60,0
62,0									62,0
64,0									64,0
66,0									66,0
68,0									68,0
70,0									70,0
72,0									72,0
74,0									74,0
76,0									76,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 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 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	
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	60,6	114,4	16 900	53 500								44,0
46,0	57,4	113,2	15 600	50 500								46,0
48,0	54,1	111,8	14 500	47 900								48,0
50,0	50,6	110,2	13 400	45 500								50,0
52,0	46,9	108,3	12 500	43 300								52,0
54,0	42,9	106,2	11 600	41 200	54,9	110,0	6 100	37 100				54,0
56,0	38,7	103,8	10 800	39 300	51,5	108,4	5 500	35 300				56,0
58,0	33,9	101,0	10 000	37 600	47,8	106,7	4 900	33 700				58,0
60,0	28,5	97,6	9 200	35 900	44,0	104,7	4 400	32 200				60,0
62,0	21,8	93,1	8 500	34 300	39,8	102,3	3 900	30 800				62,0
64,0	11,7	86,0	7 800	32 800	35,2	99,6	3 400	29 500	48,4	104,3	26 200	64,0
66,0					30,0	96,4	2 900	28 300	44,5	102,3	25 100	66,0
68,0					23,7	92,2	2 400	27 100	40,4	100,0	24 000	68,0
70,0					14,9	86,2	2 000	26 000	35,9	97,4	23 000	70,0
72,0									30,8	94,2	22 100	72,0
74,0									24,7	90,2	21 200	74,0
76,0									16,5	84,6	20 300	76,0

Liftcrane Luffing Jib Capacities

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

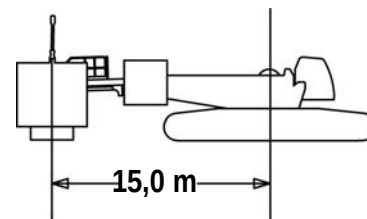
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	70,2	125,3	49 000	58 600*					29,0
30,0	68,9	124,9	46 800	58 600*					30,0
32,0	66,3	124,1	42 900	57 500*					32,0
34,0	63,7	123,1	39 500	55 200*					34,0
36,0	60,9	122,0	36 400	52 700*	66,4	123,4	31 000	57 600*	36,0
38,0	58,1	120,8	33 800	50 200*	63,7	122,5	28 700	57 600*	38,0
40,0	55,2	119,4	31 400	47 800*	61,0	121,4	26 600	57 300*	40,0
42,0	52,3	117,9	29 300	45 300*	58,2	120,2	24 700	55 200*	42,0
44,0	49,1	116,2	27 300	43 000*	55,3	118,8	23 000	52 800*	44,0
46,0	45,8	114,3	25 600	40 700*	52,3	117,3	21 400	50 500*	46,0
48,0	42,3	112,2	23 900	38 600*	49,2	115,6	20 000	48 100*	48,0
50,0	38,6	109,8	22 500	36 600*	45,9	113,7	18 700	45 800*	50,0
52,0	34,5	107,0	21 100	34 900*	42,4	111,6	17 500	43 500*	52,0
54,0	29,9	103,7	19 800	33 300*	38,7	109,2	16 400	41 400*	54,0
56,0	24,5	99,6	18 600	32 000*	34,6	106,4	15 300	39 400*	56,0
58,0	17,5	94,1	17 400	31 000*	30,0	103,1	14 300	37 600*	58,0
60,0					24,7	99,1	13 400	36 000*	60,0
62,0					17,8	93,7	12 500	34 700*	62,0
64,0					3,6	82,0	11 500	33 900*	64,0
66,0									66,0
68,0									68,0
70,0									70,0
72,0									72,0
74,0									74,0
76,0									76,0
78,0									78,0
80,0									80,0
82,0									82,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

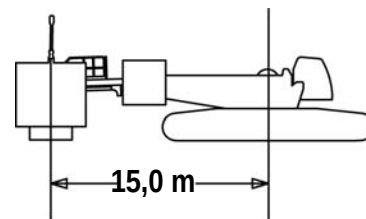
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	14 600	49 700								46,0
48,0	59,2	119,0	13 500	47 100								48,0
50,0	56,3	117,7	12 500	44 700								50,0
52,0	53,3	116,3	11 500	42 500								52,0
54,0	50,3	114,6	10 600	40 400								54,0
56,0	47,0	112,8	9 800	38 600								56,0
58,0	43,6	110,8	9 100	36 800	54,1	114,5	3 900	32 900				58,0
60,0	40,0	108,5	8 400	35 200	51,1	112,9	3 300	31 400				60,0
62,0	36,0	105,8	7 700	33 700	47,9	111,2	2 900	30 000				62,0
64,0	31,6	102,7	7 100	32 300	44,5	109,2	2 400	28 800				64,0
66,0	26,6	99,0	6 400	30 900	40,9	106,9	2 000	27 500	51,5	110,5	24 200	66,0
68,0	20,3	94,1	5 800	29 700	37,0	104,4	1 600	26 400	48,3	108,7	23 100	68,0
70,0	10,9	86,5	5 200	28 400	32,8	101,4	1 200	25 300	45,0	106,8	22 200	70,0
72,0					27,9	97,9		24 300	41,5	104,6	21 300	72,0
74,0					22,1	93,4		23 300	37,6	102,1	20 400	74,0
76,0					13,9	86,8		22 400	33,4	99,2	19 600	76,0
78,0									28,7	95,7	18 800	78,0
80,0									23,0	91,4	18 000	80,0
82,0									15,4	85,4	17 300	82,0

Liftcrane Luffing Jib Capacities

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

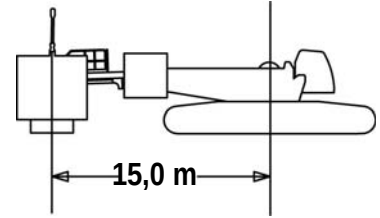
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



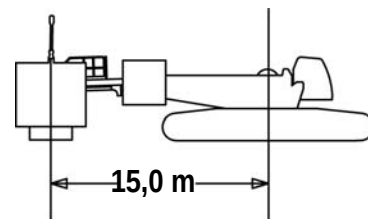
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	70,8	131,2	45 100	51 400*					30,5
32,0	69,1	130,6	42 200	51 300*					32,0
34,0	66,8	129,7	38 800	50 800*					34,0
36,0	64,4	128,8	35 800	48 900*					36,0
38,0	62,0	127,8	33 100	47 000*					38,0
40,0	59,6	126,6	30 800	45 000*	64,5	128,2	25 800	50 300*	40,0
42,0	57,1	125,3	28 600	42 900*	62,1	127,1	24 000	50 300*	42,0
44,0	54,5	123,9	26 700	40 900*	59,7	126,0	22 300	49 400*	44,0
46,0	51,8	122,4	25 000	38 900*	57,2	124,7	20 700	47 500*	46,0
48,0	49,0	120,7	23 300	37 000*	54,6	123,3	19 300	45 700*	48,0
50,0	46,1	118,8	21 900	35 200*	51,9	121,8	18 000	43 700*	50,0
52,0	43,0	116,7	20 500	33 500*	49,1	120,1	16 900	41 800*	52,0
54,0	39,8	114,4	19 300	31 800*	46,2	118,2	15 700	39 900*	54,0
56,0	36,3	111,7	18 100	30 300*	43,1	116,1	14 700	38 000*	56,0
58,0	32,4	108,7	17 000	29 000*	39,9	113,8	13 700	36 300*	58,0
60,0	28,1	105,2	15 900	27 800*	36,4	111,2	12 900	34 600*	60,0
62,0	23,0	100,8	15 000	26 800*	32,5	108,2	12 000	33 000*	62,0
64,0	16,5	95,0	14 000	26 100*	28,2	104,6	11 200	31 700*	64,0
66,0					23,2	100,3	10 400	30 400*	66,0
68,0					16,7	94,5	9 700	29 500*	68,0
70,0									70,0
72,0									72,0
74,0									74,0
76,0									76,0
78,0									78,0
80,0									80,0
82,0									82,0
84,0									84,0
86,0									86,0
88,0									88,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

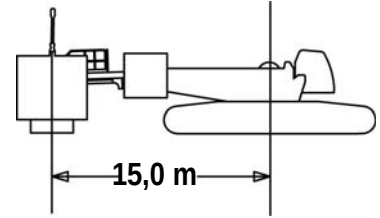
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



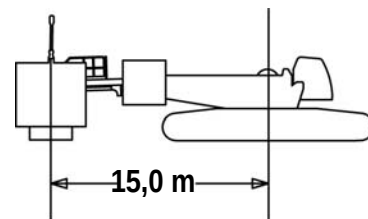
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	69,7	136,4	38 700	44 900*					33,5
34,0	69,2	136,3	38 000	44 900*					34,0
36,0	67,2	135,4	35 000	44 600*					36,0
38,0	65,1	134,5	32 300	43 300*					38,0
40,0	62,9	133,5	30 000	41 800*	67,2	134,8	24 900	43 700*	40,0
42,0	60,7	132,4	27 800	40 200*	65,1	133,9	23 000	43 700*	42,0
44,0	58,5	131,2	25 900	38 500*	63,0	132,9	21 400	43 700*	44,0
46,0	56,2	129,9	24 200	36 900*	60,8	131,8	19 800	43 600*	46,0
48,0	53,9	128,4	22 600	35 200*	58,6	130,6	18 400	42 700*	48,0
50,0	51,4	126,9	21 100	33 600*	56,3	129,3	17 100	41 200*	50,0
52,0	48,9	125,2	19 700	32 100*	53,9	127,8	15 900	39 600*	52,0
54,0	46,3	123,3	18 500	30 500*	51,5	126,3	14 900	38 000*	54,0
56,0	43,6	121,2	17 400	29 100*	49,0	124,6	13 900	36 500*	56,0
58,0	40,7	118,9	16 300	27 800*	46,4	122,7	12 900	34 900*	58,0
60,0	37,6	116,4	15 300	26 600*	43,7	120,6	12 000	33 400*	60,0
62,0	34,3	113,6	14 300	25 400*	40,8	118,4	11 200	31 900*	62,0
64,0	30,7	110,4	13 400	24 400*	37,7	115,8	10 400	30 500*	64,0
66,0	26,6	106,6	12 600	23 500*	34,4	113,0	9 700	29 200*	66,0
68,0	21,8	102,0	11 800	22 800*	30,8	109,8	9 000	28 000*	68,0
70,0	15,6	95,8	11 000	22 200*	26,7	106,0	8 300	26 900*	70,0
72,0					21,9	101,4	7 700	26 000*	72,0
74,0					15,8	95,3	7 100	25 200*	74,0
76,0									76,0
78,0									78,0
80,0									80,0
82,0									82,0
84,0									84,0
86,0									86,0
88,0									88,0
90,0									90,0
92,0									92,0
94,0									94,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

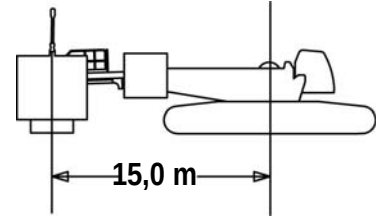
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



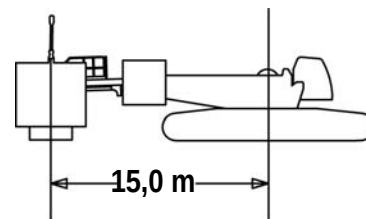
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	68,8	141,7	33 300	39 200*					36,6
38,0	67,5	141,1	31 500	39 200*					38,0
40,0	65,6	140,2	29 100	38 400*					40,0
42,0	63,6	139,2	27 000	37 100*					42,0
44,0	61,7	138,2	25 100	35 800*	65,6	139,6	20 400	38 100*	44,0
46,0	59,7	137,0	23 300	34 500*	63,7	138,6	18 900	38 100*	46,0
48,0	57,6	135,7	21 700	33 200*	61,7	137,5	17 500	38 100*	48,0
50,0	55,5	134,4	20 300	31 800*	59,7	136,4	16 200	38 000*	50,0
52,0	53,4	132,9	18 900	30 500*	57,7	135,1	15 100	37 000*	52,0
54,0	51,2	131,4	17 700	29 200*	55,6	133,8	14 000	35 800*	54,0
56,0	48,9	129,6	16 500	27 900*	53,4	132,3	13 000	34 500*	56,0
58,0	46,5	127,8	15 500	26 700*	51,2	130,7	12 100	33 200*	58,0
60,0	44,0	125,7	14 500	25 600*	48,9	129,0	11 200	31 900*	60,0
62,0	41,4	123,5	13 500	24 500*	46,6	127,2	10 400	30 700*	62,0
64,0	38,7	121,1	12 700	23 500*	44,1	125,1	9 600	29 400*	64,0
66,0	35,8	118,4	11 800	22 500*	41,5	122,9	8 900	28 200*	66,0
68,0	32,6	115,4	11 100	21 600*	38,8	120,5	8 200	27 100*	68,0
70,0	29,2	111,9	10 300	20 800*	35,9	117,8	7 600	26 000*	70,0
72,0	25,3	107,9	9 600	20 200*	32,7	114,8	6 900	25 000*	72,0
74,0	20,7	103,1	8 900	19 600*	29,3	111,4	6 400	24 100*	74,0
76,0	14,8	96,5	8 200	19 200*	25,4	107,4	5 800	23 200*	76,0
78,0					20,9	102,6	5 200	22 400*	78,0
80,0					15,0	96,1	4 700	21 900*	80,0
82,0									82,0
84,0									84,0
86,0									86,0
88,0									88,0
90,0									90,0
92,0									92,0
94,0									94,0
96,0									96,0
98,0									98,0
100,0									100,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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

Liftcrane Luffing Jib Capacities

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

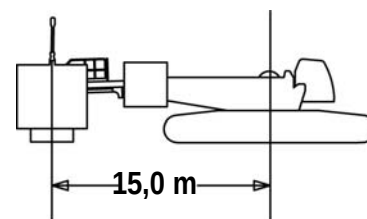
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



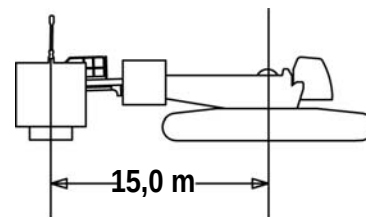
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	69,4	147,5	30 500	34 300*					38,1
40,0	67,7	146,8	28 300	34 300*					40,0
42,0	66,0	145,9	26 200	33 900*					42,0
44,0	64,2	144,9	24 300	32 900*					44,0
46,0	62,4	143,9	22 500	31 900*	66,0	145,3	18 000	33 200*	46,0
48,0	60,6	142,8	21 000	30 800*	64,3	144,3	16 600	33 200*	48,0
50,0	58,8	141,6	19 500	29 800*	62,5	143,3	15 400	33 200*	50,0
52,0	56,9	140,3	18 200	28 700*	60,7	142,2	14 200	33 200*	52,0
54,0	54,9	138,9	16 900	27 600*	58,8	141,0	13 100	32 900*	54,0
56,0	53,0	137,4	15 800	26 500*	56,9	139,7	12 100	32 100*	56,0
58,0	50,9	135,8	14 700	25 400*	55,0	138,3	11 200	31 200*	58,0
60,0	48,8	134,1	13 700	24 400*	53,0	136,8	10 300	30 100*	60,0
62,0	46,6	132,2	12 800	23 400*	51,0	135,2	9 500	29 100*	62,0
64,0	44,4	130,2	11 900	22 500*	48,9	133,5	8 800	28 000*	64,0
66,0	42,0	128,1	11 100	21 600*	46,7	131,6	8 100	27 000*	66,0
68,0	39,6	125,7	10 300	20 700*	44,4	129,6	7 400	26 000*	68,0
70,0	37,0	123,1	9 600	19 900*	42,1	127,5	6 800	25 000*	70,0
72,0	34,2	120,2	8 900	19 100*	39,6	125,1	6 200	24 100*	72,0
74,0	31,2	117,0	8 300	18 500*	37,0	122,5	5 600	23 200*	74,0
76,0	27,9	113,4	7 600	17 900*	34,3	119,7	5 100	22 300*	76,0
78,0	24,2	109,2	7 000	17 300*	31,3	116,5	4 500	21 500*	78,0
80,0	19,8	104,1	6 500	16 900*	28,0	112,9	4 000	20 800*	80,0
82,0	14,1	97,3	5 900	16 700*	24,3	108,7	3 600	20 100*	82,0
84,0					19,9	103,6	3 100	19 500*	84,0
86,0					14,3	96,8	2 600	19 100*	86,0
88,0									88,0
90,0									90,0
92,0									92,0
94,0									94,0
96,0									96,0
98,0									98,0
100,0									100,0
102,0									102,0
104,0									104,0
106,0									106,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
38,1											38,1
40,0											40,0
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0	61,3	141,0	5 400	30 700*							58,0
60,0	59,4	139,8	4 800	30 700*							60,0
62,0	57,6	138,6	4 100	30 500							62,0
64,0	55,6	137,2	3 600	29 400							64,0
66,0	53,7	135,8	3 000	28 200							66,0
68,0	51,7	134,2	2 500	27 000							68,0
70,0	49,6	132,5	2 100	25 800	56,1	135,4	22 300				70,0
72,0	47,4	130,7	1 600	24 800	54,2	134,0	21 300				72,0
74,0	45,2	128,8	1 200	23 700	52,2	132,5	20 400				74,0
76,0	42,9	126,7	800	22 800	50,1	130,8	19 500				76,0
78,0	40,5	124,3		21 900	48,0	129,1	18 800				78,0
80,0	37,9	121,8		21 000	45,8	127,1	17 900				80,0
82,0	35,2	119,1		20 200	43,5	125,1	17 100*	50,4	128,4	13 300*	82,0
84,0	32,3	116,0		19 400	41,1	122,8	16 400*	48,3	126,6	12 700*	84,0
86,0	29,1	112,6		18 700	38,6	120,4	15 600*	46,1	124,7	12 000*	86,0
88,0	25,6	108,6		17 900	35,9	117,7	14 900*	43,8	122,7	11 400*	88,0
90,0	21,5	103,8		17 200	33,0	114,7	14 300*	41,4	120,5	10 800*	90,0
92,0	16,4	97,8		16 500	29,9	111,3	13 600*	38,9	118,0	10 300*	92,0
94,0	8,7	88,3		15 900	26,5	107,5	13 000*	36,3	115,4	9 700*	94,0
96,0					22,6	103,0	12 300*	33,5	112,4	9 200*	96,0
98,0					17,8	97,4	11 700*	30,4	109,2	8 700*	98,0
100,0					11,2	89,3	11 100*	27,0	105,4	8 200*	100,0
102,0								23,2	101,0	7 700*	102,0
104,0								18,6	95,6	7 200*	104,0
106,0								12,4	88,1	6 700*	106,0

Liftcrane Luffing Jib Capacities

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

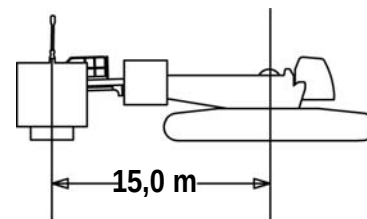
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



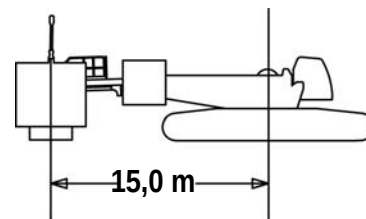
16000 MAX-ER

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

Jib Oper. Rad. Meters	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	
41,1	68,6	152,8	26 300	29 600*					41,1
42,0	68,0	152,4	25 500	29 500*					42,0
44,0	66,4	151,6	23 600	29 500*					44,0
46,0	64,7	150,6	21 800	29 100*					46,0
48,0	63,1	149,6	20 200	28 300*	66,4	150,9	15 900	28 600*	48,0
50,0	61,4	148,6	18 800	27 500*	64,8	150,0	14 600	28 600*	50,0
52,0	59,7	147,4	17 400	26 600*	63,1	149,0	13 500	28 600*	52,0
54,0	58,0	146,2	16 200	25 700*	61,5	147,9	12 400	28 600*	54,0
56,0	56,2	144,8	15 100	24 800*	59,8	146,8	11 400	28 600*	56,0
58,0	54,4	143,4	14 000	24 000*	58,0	145,5	10 500	28 500*	58,0
60,0	52,6	141,9	13 000	23 100*	56,3	144,2	9 600	28 000*	60,0
62,0	50,7	140,3	12 100	22 200*	54,5	142,8	8 800	27 100*	62,0
64,0	48,8	138,6	11 200	21 400*	52,6	141,3	8 100	26 400*	64,0
66,0	46,8	136,7	10 400	20 600*	50,8	139,7	7 400	25 500*	66,0
68,0	44,7	134,7	9 700	19 800*	48,8	138,0	6 700	24 600*	68,0
70,0	42,5	132,6	9 000	19 000*	46,8	136,1	6 100	23 800*	70,0
72,0	40,3	130,3	8 300	18 300*	44,7	134,1	5 500	23 000*	72,0
74,0	37,9	127,8	7 600	17 700*	42,6	132,0	4 900	22 200*	74,0
76,0	35,4	125,0	7 000	17 100*	40,4	129,7	4 400	21 400*	76,0
78,0	32,8	122,0	6 400	16 500*	38,0	127,2	3 900	20 700*	78,0
80,0	29,9	118,6	5 900	15 900*	35,5	124,4	3 400	20 000*	80,0
82,0	26,7	114,8	5 300	15 500*	32,9	121,4	2 900	19 300*	82,0
84,0	23,2	110,4	4 800	15 100*	30,0	118,1	2 500	18 600*	84,0
86,0	19,0	105,1	4 300	14 700*	26,8	114,3	2 100	18 000*	86,0
88,0	13,6	98,0	3 800	14 600*	23,3	109,9	1 700	17 500*	88,0
90,0					19,1	104,6	1 200	17 100*	90,0
92,0					13,7	97,6	800	16 700*	92,0
94,0									94,0
96,0									96,0
98,0									98,0
100,0									100,0
102,0									102,0
104,0									104,0
106,0									106,0
108,0									108,0
110,0									110,0
112,0									112,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
41,1											41,1
42,0											42,0
44,0											44,0
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0											58,0
60,0	62,0	146,7	3 900	26 400*							60,0
62,0	60,3	145,6	3 300	26 400*							62,0
64,0	58,6	144,4	2 800	26 400*							64,0
66,0	56,9	143,1	2 200	26 400*							66,0
68,0	55,1	141,7	1 700	26 100							68,0
70,0	53,3	140,3	1 200	25 200							70,0
72,0	51,4	138,7		24 100	57,3	141,3	20 600				72,0
74,0	49,5	137,0		23 100	55,5	140,0	19 700				74,0
76,0	47,5	135,2		22 200	53,7	138,5	18 800*				76,0
78,0	45,4	133,2		21 200	51,9	137,0	17 900*				78,0
80,0	43,3	131,2		20 400	50,0	135,3	17 100*				80,0
82,0	41,1	128,9		19 600	48,0	133,5	16 300*				82,0
84,0	38,8	126,5		18 800	46,0	131,6	15 500*	52,1	134,5	11 700*	84,0
86,0	36,4	123,8		18 100	43,9	129,6	14 800*	50,2	132,9	11 100*	86,0
88,0	33,8	120,9		17 400	41,7	127,4	14 100*	48,3	131,1	10 500*	88,0
90,0	31,0	117,7		16 700	39,4	125,0	13 400*	46,3	129,2	9 900*	90,0
92,0	27,9	114,1		16 100	37,0	122,4	12 800*	44,2	127,2	9 400*	92,0
94,0	24,5	109,9		15 400	34,4	119,5	12 200*	42,0	125,0	8 800*	94,0
96,0	20,6	104,9		14 800	31,7	116,4	11 600*	39,7	122,7	8 300*	96,0
98,0	15,7	98,6		14 200	28,7	112,9	11 000*	37,3	120,1	7 800*	98,0
100,0	8,3	88,8		13 500*	25,4	108,9	10 400*	34,8	117,3	7 300*	100,0
102,0					21,7	104,1	9 900*	32,1	114,2	6 900*	102,0
104,0					17,1	98,3	9 400*	29,2	110,7	6 400*	104,0
106,0					10,7	89,8	8 800*	25,9	106,8	6 000*	106,0
108,0								22,3	102,2	5 600*	108,0
110,0								17,8	96,5	5 200*	110,0
112,0								11,9	88,7	4 700*	112,0

Liftcrane Luffing Jib Capacities

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

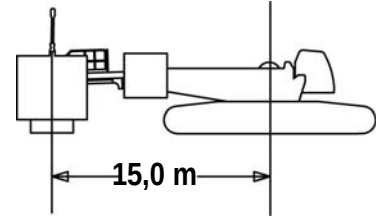
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



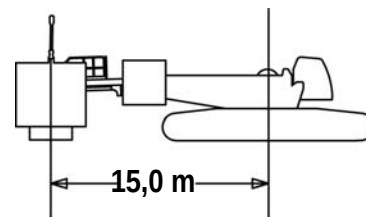
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	68,0	158,0	22 500	25 600*					44,2
46,0	66,7	157,2	20 900	25 500*					46,0
48,0	65,2	156,3	19 400	25 400*					48,0
50,0	63,6	155,4	17 900	25 100*	66,7	156,6	13 600	24 700*	50,0
52,0	62,1	154,3	16 600	24 400*	65,2	155,7	12 500	24 700*	52,0
54,0	60,5	153,2	15 400	23 700*	63,7	154,7	11 400	24 700*	54,0
56,0	58,9	152,0	14 200	22 900*	62,1	153,7	10 400	24 700*	56,0
58,0	57,3	150,7	13 200	22 200*	60,6	152,6	9 500	24 700*	58,0
60,0	55,7	149,4	12 200	21 500*	59,0	151,4	8 700	24 600*	60,0
62,0	54,0	147,9	11 300	20 800*	57,4	150,1	7 900	24 500*	62,0
64,0	52,3	146,4	10 400	20 100*	55,7	148,7	7 200	24 300*	64,0
66,0	50,5	144,8	9 600	19 400*	54,0	147,3	6 500	23 700*	66,0
68,0	48,7	143,0	8 900	18 700*	52,3	145,8	5 800	23 000*	68,0
70,0	46,9	141,2	8 200	18 000*	50,6	144,2	5 200	22 300*	70,0
72,0	44,9	139,2	7 500	17 400*	48,8	142,4	4 600	21 600*	72,0
74,0	43,0	137,1	6 800	16 800*	46,9	140,6	4 000	20 900*	74,0
76,0	40,9	134,8	6 200	16 200*	45,0	138,6	3 500	20 300*	76,0
78,0	38,7	132,4	5 700	15 700*	43,0	136,5	3 000	19 600*	78,0
80,0	36,5	129,7	5 100	15 100*	41,0	134,2	2 500	19 000*	80,0
82,0	34,1	126,9	4 600	14 600*	38,8	131,8	2 100	18 400*	82,0
84,0	31,5	123,7	4 100	14 200*	36,5	129,2	1 700	17 800*	84,0
86,0	28,8	120,2	3 600	13 700*	34,2	126,3	1 300	17 200*	86,0
88,0	25,7	116,2	3 200	13 400*	31,6	123,1	800	16 700*	88,0
90,0	22,3	111,6	2 700	13 100*	28,9	119,6		16 200*	90,0
92,0	18,3	106,0	2 300	12 900*	25,8	115,7		15 800*	92,0
94,0	13,0	98,6	1 800	12 700*	22,4	111,1		15 300*	94,0
96,0					18,4	105,6		15 000*	96,0
98,0					13,2	98,2		14 500*	98,0
100,0									100,0
102,0									102,0
104,0									104,0
106,0									106,0
108,0									108,0
110,0									110,0
112,0									112,0
114,0									114,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
44,2											44,2
46,0											46,0
48,0											48,0
50,0											50,0
52,0											52,0
54,0											54,0
56,0											56,0
58,0											58,0
60,0											60,0
62,0											62,0
64,0	61,1	151,4	1 700	22 700*							64,0
66,0	59,5	150,2	1 200	22 700*							66,0
68,0	57,9	149,0		22 700*							68,0
70,0	56,3	147,6		22 700*							70,0
72,0	54,6	146,2		22 700*							72,0
74,0	52,9	144,7		22 300							74,0
76,0	51,2	143,2		21 400	56,7	145,9	17 600*				76,0
78,0	49,4	141,5		20 500	55,0	144,5	16 800*				78,0
80,0	47,5	139,7		19 600	53,3	143,0	15 900*				80,0
82,0	45,6	137,7		18 800	51,6	141,4	15 100*				82,0
84,0	43,7	135,7		18 100	49,8	139,8	14 400*				84,0
86,0	41,7	133,5		17 300	48,0	138,0	13 700*				86,0
88,0	39,5	131,1		16 600	46,1	136,1	13 000*	51,9	139,0	9 300*	88,0
90,0	37,3	128,5		16 000	44,2	134,1	12 400*	50,1	137,3	8 800*	90,0
92,0	35,0	125,7		15 300*	42,2	131,9	11 700*	48,3	135,6	8 200*	92,0
94,0	32,5	122,7		14 600*	40,1	129,6	11 100*	46,4	133,7	7 700*	94,0
96,0	29,8	119,3		14 000*	37,9	127,0	10 500*	44,5	131,7	7 200*	96,0
98,0	26,9	115,5		13 300*	35,6	124,3	10 000*	42,5	129,5	6 700*	98,0
100,0	23,6	111,1		12 700*	33,1	121,3	9 500*	40,4	127,2	6 300*	100,0
102,0	19,8	106,0		12 100*	30,5	118,0	8 900*	38,2	124,7	5 800*	102,0
104,0	15,1	99,4		11 500*	27,6	114,3	8 400*	35,9	122,0	5 400*	104,0
106,0	8,0	89,2		10 900*	24,5	110,2	7 900*	33,5	119,1	4 900*	106,0
108,0					20,8	105,2	7 400*	30,9	115,8	4 500*	108,0
110,0					16,4	99,1	7 000*	28,1	112,2	4 200*	110,0
112,0					10,3	90,3	6 500*	25,0	108,1	3 800*	112,0
114,0								21,4	103,3	3 400*	114,0

Liftcrane Luffing Jib Capacities

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

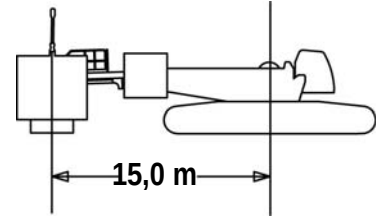
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



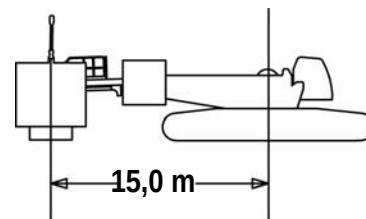
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	70,8	108,8	74 200	86 900*d					21,3
22,0	69,2	108,5	71 600	86 500*d					22,0
24,0	63,9	107,6	64 000	85 100*b					24,0
26,0	58,3	106,4	57 800	83 200*b					26,0
28,0	52,4	104,9	52 600	78 300*b	64,9	107,1	45 400	85 600*c	28,0
30,0	45,9	103,1	48 100	73 800*	59,4	105,9	41 500	84 200*b	30,0
32,0	38,5	100,7	44 200	69 500*	53,5	104,5	38 100	81 400*b	32,0
34,0	29,5	97,5	40 700	65 900*	47,1	102,7	35 100	76 600*b	34,0
36,0	16,1	92,3	37 400	61 500*	39,9	100,5	32 400	71 700*	36,0
38,0					31,3	97,5	30 000	66 900*	38,0
40,0									40,0
42,0									42,0
44,0									44,0
46,0									46,0
48,0									48,0
50,0									50,0
52,0									52,0
54,0									54,0
56,0									56,0
58,0									58,0
60,0									60,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel 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	57,0	103,7	21 600	64 600b									38,0
40,0	50,9	102,2	20 000	60 600b									40,0
42,0	44,3	100,2	18 500	57 000									42,0
44,0	36,6	97,7	17 100	53 800									44,0
46,0	27,0	94,2	15 800	50 900	54,0	100,7	9 300	45 900b					46,0
48,0					47,7	98,9	8 500	43 500b					48,0
50,0					40,6	96,7	7 700	41 300					50,0
52,0					32,2	93,8	6 900	39 200	50,2	96,8	900	33 300b	52,0
54,0					20,7	89,5	6 200	37 300	43,5	94,8		31 700	54,0
56,0									35,7	92,2		30 200	56,0
58,0									25,8	88,6		28 800	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

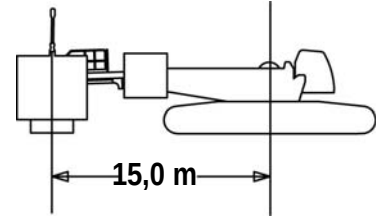
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	68,6	114,0	62 300	75 600*c					24,4
26,0	65,2	113,3	57 400	74 600*b					26,0
28,0	60,9	112,2	52 200	72 700*b					28,0
30,0	56,4	110,9	47 700	68 600*					30,0
32,0	51,5	109,4	43 900	64 800*	61,7	111,7	37 500	74 000*b	32,0
34,0	46,4	107,6	40 500	61 100*	57,2	110,5	34 600	72 800*b	34,0
36,0	40,6	105,3	37 500	57 700*	52,4	109,0	31 900	70 000*	36,0
38,0	34,1	102,6	34 800	54 700*	47,3	107,2	29 600	66 300*	38,0
40,0	26,1	98,9	32 300	52 200*	41,7	105,1	27 500	62 800*	40,0
42,0	14,2	93,0	30 000	50 300*	35,4	102,4	25 600	59 300*	42,0
44,0					27,8	99,0	23 800	55 700*	44,0
46,0									46,0
48,0									48,0
50,0									50,0
52,0									52,0
54,0									54,0
56,0									56,0
58,0									58,0
60,0									60,0
62,0									62,0
64,0									64,0
66,0									66,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 30,0 m Mast No. 59A

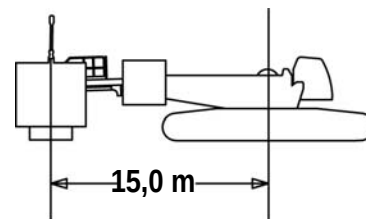
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	59,9	109,6	19 300	60 000b								40,0
42,0	55,3	108,2	17 900	56 500								42,0
44,0	50,4	106,6	16 600	53 400								44,0
46,0	45,1	104,7	15 400	50 500								46,0
48,0	39,2	102,4	14 300	47 800								48,0
50,0	32,5	99,4	13 200	45 400	52,9	105,2	7 000	40 700				50,0
52,0	24,0	95,5	12 200	43 200	47,8	103,4	6 300	38 700				52,0
54,0					42,3	101,3	5 700	36 900				54,0
56,0					36,0	98,7	5 100	35 100				56,0
58,0					28,5	95,4	4 500	33 500	49,8	101,2	29 600	58,0
60,0					18,3	90,4	3 900	32 000	44,5	99,3	28 300	60,0
62,0									38,5	96,9	27 100	62,0
64,0									31,6	93,9	25 900	64,0
66,0									22,8	89,7	24 700	66,0

Liftcrane Luffing Jib Capacities

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

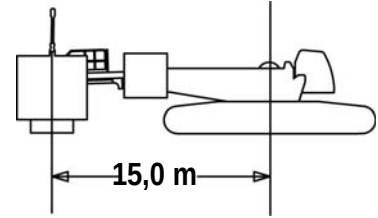
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



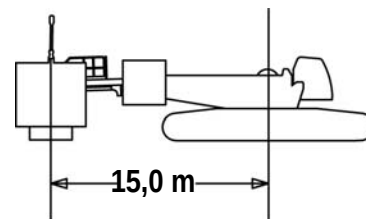
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	69,8	119,9	56 900	66 400*b					25,9
26,0	69,6	119,9	56 600	66 400*b					26,0
28,0	66,1	119,0	51 400	65 600*b					28,0
30,0	62,6	118,0	47 000	63 700*					30,0
32,0	58,9	116,8	43 100	60 400*	66,8	118,5	36 600	65 600*b	32,0
34,0	55,0	115,4	39 800	57 200*	63,2	117,5	33 600	65 100*b	34,0
36,0	51,0	113,9	36 800	54 200*	59,6	116,3	31 100	64 300*	36,0
38,0	46,7	112,0	34 200	51 200*	55,8	115,0	28 800	62 200*	38,0
40,0	42,0	109,9	31 800	48 400*	51,7	113,5	26 700	59 100*	40,0
42,0	36,9	107,3	29 700	45 900*	47,5	111,7	24 900	56 200*	42,0
44,0	31,0	104,2	27 700	43 700*	42,9	109,6	23 200	53 300*	44,0
46,0	23,7	100,1	25 900	42 000*	37,8	107,2	21 600	50 700*	46,0
48,0					32,1	104,2	20 200	48 200*	48,0
50,0					25,2	100,3	18 900	46 100*	50,0
52,0									52,0
54,0									54,0
56,0									56,0
58,0									58,0
60,0									60,0
62,0									62,0
64,0									64,0
66,0									66,0
68,0									68,0
70,0									70,0
72,0									72,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	58,0	114,1	15 600	52 500								44,0
46,0	54,1	112,7	14 400	49 700								46,0
48,0	50,0	111,1	13 400	47 100								48,0
50,0	45,6	109,2	12 400	44 700								50,0
52,0	40,9	107,0	11 400	42 500	56,1	111,2	5 200	37 800				52,0
54,0	35,6	104,3	10 600	40 500	52,1	109,7	4 700	36 000				54,0
56,0	29,4	101,0	9 800	38 600	47,9	107,9	4 100	34 300				56,0
58,0	21,7	96,6	9 000	36 900	43,3	105,8	3 600	32 800				58,0
60,0					38,3	103,4	3 100	31 300				60,0
62,0					32,7	100,5	2 600	29 900	49,6	105,7	26 200	62,0
64,0					25,9	96,7	2 200	28 700	45,1	103,8	25 000	64,0
66,0					16,5	91,2	1 600	27 400	40,3	101,5	24 000	66,0
68,0									35,0	98,8	23 000	68,0
70,0									28,7	95,4	22 000	70,0
72,0									20,7	90,8	21 100	72,0

Liftcrane Luffing Jib Capacities

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

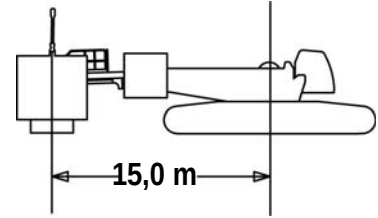
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



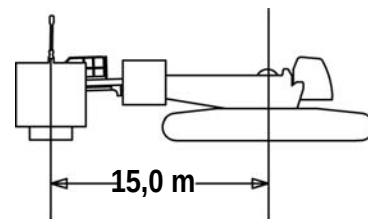
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	70,6	125,7	52 200	58 300*b					27,4
28,0	69,7	125,5	50 900	58 200*b					28,0
30,0	66,8	124,7	46 400	57 600*					30,0
32,0	63,8	123,7	42 500	56 000*					32,0
34,0	60,6	122,6	39 200	53 500*					34,0
36,0	57,4	121,4	36 300	50 900*	64,3	123,2	30 400	57 100*	36,0
38,0	54,1	119,9	33 600	48 400*	61,2	122,1	28 100	56 600*	38,0
40,0	50,6	118,3	31 300	45 900*	58,0	120,9	26 100	55 500*	40,0
42,0	46,9	116,5	29 200	43 500*	54,7	119,5	24 200	53 100*	42,0
44,0	43,0	114,4	27 300	41 300*	51,2	117,9	22 600	50 600*	44,0
46,0	38,7	112,0	25 500	39 200*	47,6	116,2	21 100	48 200*	46,0
48,0	34,0	109,2	23 900	37 300*	43,7	114,1	19 700	45 900*	48,0
50,0	28,5	105,7	22 400	35 700*	39,5	111,8	18 400	43 700*	50,0
52,0	21,8	101,3	21 000	34 400*	34,9	109,1	17 200	41 600*	52,0
54,0					29,6	105,7	16 100	39 800*	54,0
56,0					23,2	101,5	15 000	38 200*	56,0
58,0									58,0
60,0									60,0
62,0									62,0
64,0									64,0
66,0									66,0
68,0									68,0
70,0									70,0
72,0									72,0
74,0									74,0
76,0									76,0
78,0									78,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	59,9	120,0	13 600	49 100								46,0
48,0	56,7	118,7	12 600	46 500								48,0
50,0	53,3	117,2	11 600	44 100								50,0
52,0	49,8	115,6	10 800	41 900								52,0
54,0	46,0	113,7	9 900	40 000								54,0
56,0	42,0	111,5	9 200	38 100	55,0	115,7	3 300	33 700				56,0
58,0	37,7	109,1	8 400	36 400	51,6	114,1	2 800	32 100				58,0
60,0	32,8	106,1	7 700	34 800	47,9	112,4	2 300	30 700				60,0
62,0	27,1	102,5	7 100	33 300	44,1	110,4	1 900	29 400				62,0
64,0	20,0	97,6	6 400	31 800	39,9	108,1	1 500	28 100	52,9	111,8	24 400	64,0
66,0					35,3	105,3	1 100	26 900	49,4	110,2	23 300	66,0
68,0					30,1	102,1		25 800	45,6	108,3	22 300	68,0
70,0					23,9	98,0		24 700	41,5	106,1	21 400	70,0
72,0					15,2	92,0		23 700	37,1	103,6	20 500	72,0
74,0									32,2	100,6	19 700	74,0
76,0									26,4	96,8	18 900	76,0
78,0									19,1	91,8	18 100*	78,0

Liftcrane Luffing Jib Capacities

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

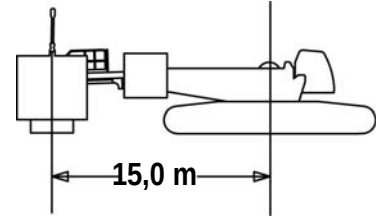
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



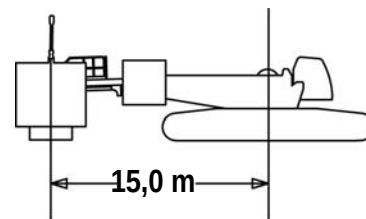
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	69,2	131,0	44 600	51 200*					30,5
32,0	67,3	130,4	41 700	50 900*					32,0
34,0	64,6	129,4	38 400	49 500*					34,0
36,0	61,9	128,4	35 500	47 500*					36,0
38,0	59,2	127,2	32 900	45 400*	65,1	128,9	27 100	50 300*	38,0
40,0	56,3	125,9	30 500	43 200*	62,4	127,9	25 100	50 000*	40,0
42,0	53,4	124,4	28 400	41 200*	59,7	126,7	23 300	49 400*	42,0
44,0	50,3	122,8	26 500	39 200*	56,8	125,4	21 700	47 600*	44,0
46,0	47,1	121,0	24 800	37 200*	53,9	124,0	20 200	45 600*	46,0
48,0	43,6	118,9	23 200	35 400*	50,9	122,4	18 800	43 600*	48,0
50,0	40,0	116,6	21 700	33 700*	47,7	120,6	17 500	41 600*	50,0
52,0	36,0	114,0	20 400	32 100*	44,3	118,6	16 400	39 700*	52,0
54,0	31,6	110,9	19 100	30 700*	40,7	116,4	15 300	37 900*	54,0
56,0	26,6	107,2	18 000	29 500*	36,8	113,8	14 300	36 200*	56,0
58,0	20,3	102,3	16 900	28 600*	32,5	110,8	13 400	34 600*	58,0
60,0					27,6	107,2	12 500	33 200*	60,0
62,0					21,6	102,6	11 600	32 000*	62,0
64,0					13,2	95,9	10 800	31 200*	64,0
66,0									66,0
68,0									68,0
70,0									70,0
72,0									72,0
74,0									74,0
76,0									76,0
78,0									78,0
80,0									80,0
82,0									82,0
84,0									84,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	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	61,3	125,7	11 500	45 600								48,0
50,0	58,5	124,5	10 600	43 300								50,0
52,0	55,6	123,2	9 700	41 100								52,0
54,0	52,7	121,7	8 900	39 200								54,0
56,0	49,6	120,0	8 200	37 300								56,0
58,0	46,3	118,2	7 500	35 700	57,1	121,6	1 700	31 200				58,0
60,0	42,8	116,1	6 900	34 100	54,2	120,2	1 200	29 800				60,0
62,0	39,1	113,7	6 300	32 600	51,1	118,6	800	28 500				62,0
64,0	35,1	110,9	5 700	31 200	48,0	116,8		27 300				64,0
66,0	30,6	107,7	5 100	29 900	44,6	114,9		26 100				66,0
68,0	25,3	103,8	4 600	28 700	41,0	112,6		25 000				68,0
70,0	18,6	98,6	4 000	27 500	37,2	110,1		24 000	49,2	114,7	20 500*	70,0
72,0					32,9	107,1		23 000	45,9	112,8	19 500*	72,0
74,0					28,0	103,6		22 100	42,4	110,6	18 600*	74,0
76,0					22,2	99,2		21 200	38,7	108,2	17 900*	76,0
78,0					14,2	92,7		20 300	34,6	105,4	17 000*	78,0
80,0									30,0	102,2	16 300*	80,0
82,0									24,6	98,1	15 500*	82,0
84,0									17,7	92,7	14 800*	84,0

Liftcrane Luffing Jib Capacities

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

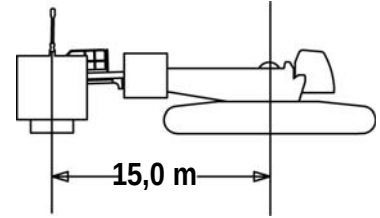
150 590 kg Crane Counterweight

54 430 kg Carbody Counterweight

62 530 kg Hanging Counterweight

at 15,0 m Position

360 Degree Rating



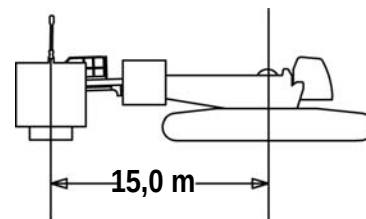
16000 MAX-ER

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

Jib Oper. Rad. Meters	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	68,2	136,2	38 500	45 000*					33,5
34,0	67,6	136,0	37 800	44 900*					34,0
36,0	65,3	135,1	34 800	44 000*					36,0
38,0	62,9	134,1	32 200	42 200*					38,0
40,0	60,5	133,0	29 900	40 500*	65,7	134,6	24 400	44 300*	40,0
42,0	58,0	131,8	27 800	38 800*	63,4	133,6	22 600	44 200*	42,0
44,0	55,4	130,4	25 900	37 100*	60,9	132,5	21 000	44 000*	44,0
46,0	52,8	128,9	24 200	35 400*	58,5	131,3	19 500	42 800*	46,0
48,0	50,1	127,3	22 600	33 700*	55,9	130,0	18 100	41 200*	48,0
50,0	47,2	125,5	21 200	32 200*	53,3	128,5	16 900	39 600*	50,0
52,0	44,2	123,5	19 800	30 700*	50,6	126,9	15 700	37 900*	52,0
54,0	41,0	121,2	18 600	29 200*	47,7	125,1	14 700	36 300*	54,0
56,0	37,6	118,7	17 400	27 900*	44,7	123,1	13 700	34 700*	56,0
58,0	33,9	115,8	16 400	26 800*	41,6	120,9	12 700	33 200*	58,0
60,0	29,7	112,5	15 400	25 700*	38,2	118,5	11 900	31 800*	60,0
62,0	25,0	108,5	14 400	24 800*	34,6	115,7	11 100	30 400*	62,0
64,0	19,1	103,3	13 500	24 100*	30,5	112,4	10 300	29 200*	64,0
66,0					25,9	108,6	9 600	28 100*	66,0
68,0					20,3	103,7	8 900	27 200*	68,0
70,0					12,4	96,5	8 200	26 600*	70,0
72,0									72,0
74,0									74,0
76,0									76,0
78,0									78,0
80,0									80,0
82,0									82,0
84,0									84,0
86,0									86,0
88,0									88,0
90,0									90,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 30,0 m Mast No. 59A
 150 590 kg Crane Counterweight
 54 430 kg Carbody Counterweight
 62 530 kg Hanging Counterweight
 at 15,0 m Position
 360 Degree Rating



16000 MAX-ER

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

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