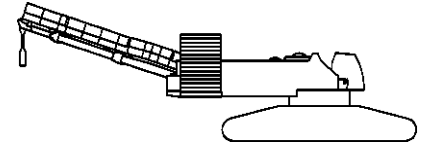


Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

**Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing**



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 over end of machine with crawlers blocked. Capacities based on structural competence are denoted by an asterisk (*).

Luffing Jib Backward Stability: Capacities indicated by (b) require 9 530 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 16 780 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.

Exit MAX-ER mode before operating without hanging counterweight.

Simultaneous hoisting of both load drums is required for even block travel.

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. Drive or idler tumblers must be properly blocked so that centerline of tumblers becomes tipping fulcrum. Swing is limited to that sector shown on Operating Range Diagram **No. 8933-A**. During operation, boom must be maintained at one of the selected angles shown in chart. 87 degree boom angle requires 61,0 m minimum boom length. Refer to luffing jib assembly **No. A08238**, Wire Rope Specification chart **No. 8592-A or 8592-B**, Counterweight Arrangement chart **No. 8577-A** and Luffing Jib Raising Procedure chart **No. 8556-A**. Crane operator judgment must be used to allow for

dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle 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, 11 811 mm crawlers, 1 524 mm treads, 9,1 m live mast, 42,7 m mast, 16 part boom hoist reeving, boom support straps, 24 part luffing jib hoist reeving, luffing jib and backstay support straps, 223 170 kg crane counterweight, 145 150 kg carbody counterweight and 0 kg hanging counterweight.

Upper Luffing Jib Point Capacity For Liftcrane Service - Whip Line		
28 mm		32 mm
Drum 2	Drum 3	Drum 2
Single Part Line		
16 240 kg	13 610 kg	22 140 kg
Two Part Line		
Upper Boom Point No. A08516		
32 480 kg	27 220 kg	44 270kg
In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.		

Boom and/or Jib Catwalks Deduct

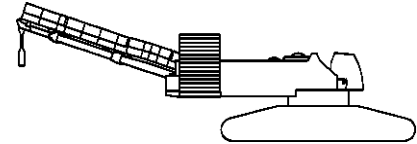
Deduct 600 kg from capacities when boom and/or jib catwalks are attached.



Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A With 42,7 m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg Hanging Counterweight
 at 18 m Position
 Rating Over End of Blocked Crawlers
 No Travel - Limited Swing



48,8 m Boom, 27,4 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m	
16,8	72,3	77,8	251 900* b			
18,0	69,5	77,3	233 200* b			
20,0	64,9	76,3	207 200* b			
22,0	60,0	75,2	186 300*			
24,0	54,9	73,7	168 900*			
26,0	49,4	72,0	154 300*	60,6	74,6	146 300*
28,0	43,3	69,9	141 700*	55,5	73,2	134 400*
30,0	36,3	67,2	130 700*	50,0	71,5	124 000*
32,0	27,7	63,6	121 100*	44,0	69,4	115 000*
34,0				37,2	66,8	106 900*
36,0				28,8	63,4	99 700*
38,0				16,2	57,7	93 000*

Capacities indicated by **(b)** require 9 530 kg minimum weight suspended beneath luffing jib point.

48,8 m Boom, 33,5 m Luffing Jib

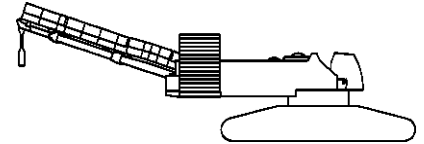
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m	
18,3	72,9	83,7	228 200* b			
20,0	69,8	83,1	206 600* b			
22,0	66,0	82,2	185 800* b			
24,0	62,1	81,1	168 500*			
26,0	58,1	79,8	154 000*	66,4	81,6	145 500*
28,0	53,8	78,3	141 500*	62,6	80,5	133 700*
30,0	49,3	76,6	130 700*	58,5	79,3	123 500*
32,0	44,4	74,5	121 200*	54,3	77,8	114 500*
34,0	39,0	72,1	112 800*	49,8	76,1	106 600*
36,0	32,8	69,1	105 400*	45,0	74,1	99 600*
38,0	25,2	65,0	98 600*	39,7	71,7	93 300*
40,0				33,6	68,8	87 500*
42,0				26,1	64,9	82 200*
44,0				15,1	58,8	77 300*

Capacities indicated by **(b)** require 9 530 kg minimum weight suspended beneath luffing jib point.

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



48,8 m Boom, 39,6 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m	
21,3	71,0	89,1	191 000* b			
22,0	69,9	88,8	184 800* b			
24,0	66,8	87,9	167 300*			
26,0	63,5	86,9	152 800*			
28,0	60,2	85,8	140 400*			
30,0	56,7	84,4	129 600*	63,9	86,4	122 200*
32,0	53,1	82,9	120 300*	60,6	85,2	113 200*
34,0	49,3	81,2	112 000*	57,1	83,9	105 400*
36,0	45,2	79,2	104 600*	53,5	82,4	98 400*
38,0	40,8	76,9	98 000*	49,7	80,7	92 200*
40,0	35,9	74,1	92 000*	45,6	78,8	86 600*
42,0	30,2	70,8	86 500*	41,3	76,5	81 400*
44,0	23,3	66,4	81 500*	36,4	73,8	76 800*
46,0				30,9	70,5	72 500*
48,0				24,2	66,3	68 500*
50,0				14,4	59,8	64 600*

48,8 m Boom, 45,7 m Luffing Jib

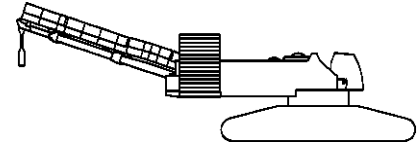
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m	
22,9	71,6	95,0	175 900*			
24,0	70,1	94,6	166 600*			
26,0	67,3	93,7	152 000*			
28,0	64,6	92,8	139 600*			
30,0	61,7	91,7	128 900*			
32,0	58,8	90,4	119 500*	64,9	92,2	112 300*
34,0	55,7	89,1	111 300*	62,0	91,1	104 500*
36,0	52,5	87,5	103 900*	59,1	89,9	97 500*
38,0	49,2	85,8	97 400*	56,0	88,6	91 300*
40,0	45,7	83,8	91 500*	52,9	87,0	85 800*
42,0	42,0	81,6	86 100*	49,6	85,3	80 700*
44,0	37,9	79,1	81 200*	46,1	83,4	76 100*
46,0	33,4	76,1	76 700*	42,4	81,2	71 900*
48,0	28,2	72,5	72 600*	38,4	78,7	68 000*
50,0	21,9	67,8	68 700*	33,9	75,8	64 400*
52,0				28,9	72,2	61 100*
54,0				22,7	67,7	57 900*
56,0				13,8	60,9	54 400*

Capacities indicated by **(b)** require 9 530 kg minimum weight suspended beneath luffing jib point.

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



48,8 m Boom, 51,8 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
	24,4	72,1	101,0	162 200*		
26,0	70,2	100,3	150 600*			
28,0	67,8	99,5	138 300*			
30,0	65,3	98,6	127 600*			
32,0	62,8	97,5	118 300*			
34,0	60,3	96,4	110 000*	65,6	98,0	103 000*
36,0	57,6	95,1	102 700*	63,1	97,0	96 100*
38,0	54,9	93,7	96 200*	60,6	95,8	89 900*
40,0	52,1	92,1	90 300*	57,9	94,6	84 400*
42,0	49,2	90,4	85 000*	55,2	93,2	79 400*
44,0	46,1	88,4	80 100*	52,4	91,6	74 800*
46,0	42,9	86,3	75 700*	49,5	89,9	70 600*
48,0	39,4	83,9	71 700*	46,5	88,0	66 800*
50,0	35,6	81,1	67 900*	43,2	85,9	63 300*
52,0	31,4	77,9	64 400*	39,8	83,5	60 000*
54,0	26,6	74,0	61 100*	36,1	80,8	56 600*
56,0	20,8	69,1	58 000*	31,9	77,6	53 500*
58,0				27,2	73,8	50 500*
60,0				21,5	69,1	47 700*
62,0				13,4	62,0	44 900*

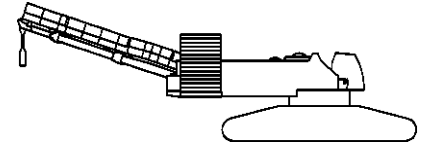
48,8 m Boom, 57,9 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
	25,9	72,4	106,9	150 300*		
26,0	72,3	106,8	149 700*			
28,0	70,2	106,1	137 300*			
30,0	68,1	105,3	126 600*			
32,0	65,9	104,4	117 300*			
34,0	63,7	103,4	109 100*			
36,0	61,4	102,3	101 800*	66,2	103,8	95 100*
38,0	59,1	101,1	95 300*	64,0	102,8	88 900*
40,0	56,8	99,8	89 400*	61,7	101,7	83 400*
42,0	54,3	98,3	84 100*	59,4	100,5	78 300*
44,0	51,8	96,7	79 300*	57,0	99,2	73 800*
46,0	49,2	95,0	74 900*	54,6	97,8	69 700*
48,0	46,4	93,1	70 900*	52,1	96,2	65 900*
50,0	43,6	91,0	67 100*	49,5	94,5	62 300*
52,0	40,5	88,6	63 700*	46,7	92,6	58 800*
54,0	37,3	86,0	60 500*	43,9	90,5	55 500*
56,0	33,7	83,1	57 500*	40,9	88,2	52 400*
58,0	29,8	79,6	54 700*	37,6	85,7	49 500*
60,0	25,3	75,6	52 100*	34,1	82,7	46 800*
62,0	19,8	70,4	49 400*	30,3	79,4	44 300*
64,0	11,9	62,6	46 600*	25,9	75,4	41 900*
66,0				20,5	70,4	39 500*
68,0				13,0	63,1	37 200*

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



48,8 m Boom, 64,0 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m	
27,4	72,7	112,8	139 200*			
28,0	72,2	112,6	136 100*			
30,0	70,3	111,9	125 300*			
32,0	68,4	111,1	116 000*			
34,0	66,4	110,2	107 800*			
36,0	64,4	109,2	100 500*			
38,0	62,4	108,2	94 000*			
40,0	60,3	107,0	88 200*	64,6	108,7	81 900*
42,0	58,2	105,7	82 800*	62,6	107,6	76 900*
44,0	56,0	104,4	78 100*	60,5	106,5	72 400*
46,0	53,8	102,9	73 700*	58,4	105,2	68 200*
48,0	51,5	101,3	69 700*	56,3	103,9	64 400*
50,0	49,2	99,6	66 000*	54,1	102,4	60 600*
52,0	46,7	97,7	62 500*	51,8	100,8	57 100*
54,0	44,1	95,6	59 300*	49,4	99,1	53 800*
56,0	41,4	93,4	56 400*	47,0	97,2	50 700*
58,0	38,6	90,9	53 600*	44,4	95,2	47 900*
60,0	35,5	88,1	50 900*	41,7	92,9	45 200*
62,0	32,2	84,9	48 200*	38,9	90,5	42 700*
64,0	28,5	81,3	45 600*	35,8	87,7	40 400*
66,0	24,2	77,1	43 200*	32,5	84,6	38 200*
68,0	19,1	71,7	40 900*	28,9	81,1	36 100*
70,0	11,7	63,7	38 500*	24,7	76,9	34 000*
72,0				19,7	71,7	32 100*
74,0				12,8	64,2	30 100*

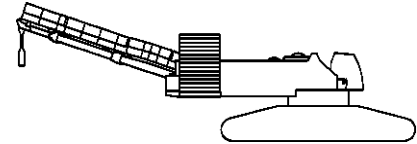
48,8 m Boom, 70,1 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m	
29,0	73,0	118,7	126 800*			
30,0	72,1	118,4	123 400*			
32,0	70,3	117,6	115 000*			
34,0	68,6	116,8	106 700*			
36,0	66,8	116,0	99 500*			
38,0	65,0	115,0	93 000*			
40,0	63,2	114,0	87 200*	67,0	115,4	80 800*
42,0	61,3	112,9	81 900*	65,2	114,5	75 800*
44,0	59,4	111,7	77 100*	63,4	113,4	71 300*
46,0	57,4	110,4	72 700*	61,5	112,3	67 100*
48,0	55,4	109,0	68 700*	59,6	111,2	63 000*
50,0	53,4	107,5	65 000*	57,7	109,9	59 200*
52,0	51,3	105,9	61 600*	55,7	108,5	55 700*
54,0	49,1	104,2	58 400*	53,6	107,0	52 400*
56,0	46,9	102,3	55 500*	51,5	105,4	49 400*
58,0	44,6	100,3	52 600*	49,4	103,7	46 500*
60,0	42,1	98,1	49 700*	47,2	101,8	43 900*
62,0	39,6	95,6	47 100*	44,8	99,8	41 500*
64,0	36,9	93,0	44 500*	42,4	97,6	39 100*
66,0	34,0	90,1	42 200*	39,9	95,2	37 000*
68,0	30,8	86,7	40 000*	37,2	92,6	34 900*
70,0	27,3	83,0	37 800*	34,3	89,7	32 900*
72,0	23,3	78,5	35 800*	31,2	86,5	31 100*
74,0	18,4	72,9	33 800*	27,7	82,7	29 300*
76,0	11,6	64,8	31 800*	23,8	78,4	27 600*
78,0				19,0	72,9	25 900*
80,0				12,5	65,2	24 300*

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



48,8 m Boom, 76,2 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
	32,0	72,0	124,1	109 000*		
34,0	70,4	123,4	105 900*			
36,0	68,8	122,6	98 100*			
38,0	67,1	121,8	91 700*			
40,0	65,5	120,8	85 800*			
42,0	63,8	119,8	80 600*			
44,0	62,1	118,8	75 800*	65,7	120,3	69 800*
46,0	60,4	117,6	71 400*	64,0	119,3	65 300*
48,0	58,6	116,4	67 400*	62,3	118,2	61 200*
50,0	56,8	115,1	63 700*	60,5	117,1	57 400*
52,0	54,9	113,7	60 300*	58,8	115,8	53 800*
54,0	53,1	112,1	57 200*	57,0	114,5	50 600*
56,0	51,1	110,5	54 100*	55,1	113,1	47 600*
58,0	49,1	108,8	51 000*	53,3	111,6	44 800*
60,0	47,1	106,9	48 200*	51,3	110,0	42 200*
62,0	44,9	104,9	45 500*	49,4	108,3	39 700*
64,0	42,7	102,7	43 100*	47,3	106,5	37 400*
66,0	40,4	100,4	40 700*	45,2	104,5	35 200*
68,0	38,0	97,8	38 500*	43,0	102,3	33 200*
70,0	35,4	95,1	36 400*	40,7	100,0	31 300*
72,0	32,6	92,0	34 400*	38,2	97,5	29 500*
74,0	29,6	88,5	32 500*	35,7	94,7	27 700*
76,0	26,3	84,5	30 700*	32,9	91,7	26 100*
78,0	22,5	79,9	28 900*	30,0	88,2	24 500*
80,0	17,9	74,1	27 200*	26,7	84,3	23 000*
84,0				18,4	74,2	20 100*

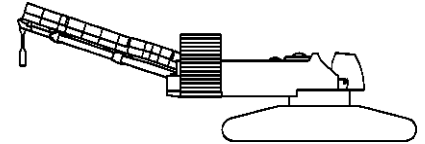
48,8 m Boom, 82,3 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
	33,5	72,2	130,0	94 100*		
34,0	71,9	129,9	94 000*			
36,0	70,4	129,1	93 700*			
38,0	68,9	128,4	90 600*			
40,0	67,4	127,5	84 800*			
42,0	65,9	126,6	79 500*			
44,0	64,3	125,7	74 700*			
46,0	62,8	124,6	70 300*	66,0	126,1	63 800*
48,0	61,2	123,5	66 300*	64,5	125,1	59 700*
50,0	59,6	122,3	62 700*	62,9	124,1	55 900*
52,0	57,9	121,1	59 300*	61,3	123,0	52 300*
54,0	56,2	119,7	56 000*	59,7	121,8	49 100*
56,0	54,5	118,3	52 700*	58,1	120,5	46 100*
58,0	52,8	116,7	49 700*	56,4	119,2	43 300*
60,0	51,0	115,1	46 900*	54,7	117,8	40 700*
62,0	49,1	113,4	44 200*	53,0	116,2	38 300*
64,0	47,2	111,5	41 700*	51,2	114,6	36 000*
66,0	45,3	109,5	39 400*	49,3	112,9	33 900*
68,0	43,2	107,4	37 200*	47,4	111,1	31 900*
70,0	41,1	105,1	35 100*	45,5	109,1	29 900*
72,0	38,9	102,7	33 200*	43,5	107,0	28 100*
74,0	36,6	100,0	31 300*	41,3	104,7	26 400*
76,0	34,1	97,0	29 500*	39,1	102,3	24 800*
78,0	31,5	93,8	27 800*	36,8	99,6	23 200*
80,0	28,6	90,2	26 200*	34,4	96,7	21 800*
84,0	21,8	81,3	23 100*	28,9	89,9	19 000*
88,0	11,4	66,9	20 200*	22,2	81,2	16 400*
92,0				12,2	67,4	13 900*

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



48,8 m Boom, 88,4 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
35,1	72,5	136,0	80 300*			
36,0	71,8	135,6	80 200*			
38,0	70,4	134,9	79 800*			
40,0	69,1	134,1	79 400*			
42,0	67,6	133,3	78 000*			
44,0	66,2	132,4	73 400*			
46,0	64,8	131,5	69 000*			
48,0	63,3	130,4	65 100*	66,4	131,9	57 700*
50,0	61,9	129,4	61 400*	65,0	130,9	54 000*
52,0	60,4	128,2	57 800*	63,5	129,9	50 500*
54,0	58,9	127,0	54 300*	62,0	128,8	47 300*
56,0	57,3	125,7	51 000*	60,5	127,7	44 300*
58,0	55,7	124,3	48 000*	59,0	126,5	41 500*
60,0	54,1	122,9	45 200*	57,5	125,2	38 900*
62,0	52,5	121,3	42 600*	55,9	123,8	36 500*
64,0	50,8	119,7	40 100*	54,3	122,4	34 200*
66,0	49,1	118,0	37 800*	52,7	120,9	32 100*
68,0	47,3	116,1	35 600*	51,0	119,2	30 100*
70,0	45,5	114,2	33 500*	49,3	117,5	28 200*
72,0	43,7	112,1	31 600*	47,5	115,7	26 400*
74,0	41,7	109,8	29 700*	45,7	113,7	24 700*
76,0	39,7	107,4	28 000*	43,9	111,6	23 100*
78,0	37,6	104,8	26 300*	41,9	109,4	21 600*
80,0	35,3	102,0	24 700*	39,9	107,0	20 100*
84,0	30,4	95,6	21 700*	35,6	101,7	17 400*
88,0	24,6	87,6	19 000*	30,7	95,3	14 900*
92,0	17,0	76,5	16 400*	25,0	87,4	12 600*
96,0				17,5	76,6	10 300*

48,8 m Boom, 94,5 m Luffing Jib

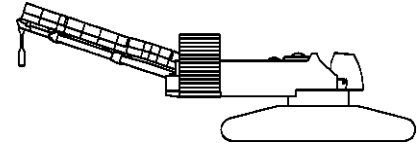
Jib Oper. Rad. m	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
36,6	72,7	141,9	69 400*
38,0	71,8	141,4	69 200*
40,0	70,5	140,7	68 800*
42,0	69,2	139,9	68 400*
44,0	67,9	139,1	67 300*
46,0	66,5	138,2	64 700*
48,0	65,2	137,3	61 900*
50,0	63,8	136,3	59 100*
52,0	62,5	135,2	56 400*
54,0	61,1	134,1	52 900*
56,0	59,7	132,9	49 600*
58,0	58,2	131,7	46 600*
60,0	56,8	130,4	43 800*
62,0	55,3	129,0	41 200*
64,0	53,8	127,5	38 700*
66,0	52,3	125,9	36 400*
68,0	50,7	124,3	34 200*
70,0	49,1	122,6	32 200*
72,0	47,5	120,7	30 200*
74,0	45,8	118,8	28 400*
76,0	44,0	116,7	26 600*
78,0	42,2	114,5	25 000*
80,0	40,3	112,2	23 400*
84,0	36,4	106,9	20 500*
88,0	31,9	100,8	17 600*
92,0	26,8	93,5	14 600*
96,0	20,6	84,0	11 900*
100,0	11,2	69,0	9 500*



Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A With 42,7 m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg Hanging Counterweight
 at 18 m Position
 Rating Over End of Blocked Crawlers
 No Travel - Limited Swing



54,9 m Boom, 27,4 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
18,3	70,1	83,5	227 000* b			
20,0	66,1	82,7	205 500* b			
22,0	61,4	81,6	184 800* b			
24,0	56,3	80,2	167 600*			
26,0	50,9	78,6	153 100*	63,2	81,3	143 700* b
28,0	45,0	76,5	140 500*	58,2	80,0	132 000*
30,0	38,3	74,0	129 700*	53,0	78,5	121 900*
32,0	30,2	70,7	120 100*	47,3	76,6	113 000*
34,0				40,9	74,3	105 100*
36,0				33,5	71,4	98 000*
38,0				23,8	67,2	91 600*

Capacities indicated by (b) require 9 530 kg minimum weight suspended beneath luffing jib point.

54,9 m Boom, 33,5 m Luffing Jib

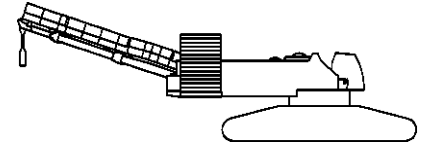
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
19,8	71,1	89,4	207 100* b			
20,0	70,8	89,4	205 000* b			
22,0	67,0	88,5	184 200* b			
24,0	63,2	87,4	167 100*			
26,0	59,2	86,2	152 600*			
28,0	55,0	84,8	140 300*	64,6	87,1	131 400*
30,0	50,5	83,1	129 600*	60,7	86,0	121 200*
32,0	45,8	81,2	120 200*	56,6	84,6	112 500*
34,0	40,5	78,9	111 800*	52,2	83,1	104 700*
36,0	34,6	76,0	104 400*	47,6	81,2	97 700*
38,0	27,4	72,3	97 700*	42,5	79,0	91 500*
40,0				36,9	76,4	85 900*
42,0				30,3	73,1	80 800*
44,0				21,7	68,5	76 000*

Capacities indicated by (b) require 9 530 kg minimum weight suspended beneath luffing jib point.

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



54,9 m Boom, 39,6 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m	
21,3	71,8	95,4	189 400*(b)			
22,0	70,8	95,1	183 200*(b)			
24,0	67,6	94,3	165 900*			
26,0	64,4	93,3	151 500*			
28,0	61,1	92,2	139 100*			
30,0	57,7	90,9	128 500*	65,6	92,9	119 900*
32,0	54,1	89,4	119 200*	62,3	91,9	111 100*
34,0	50,3	87,7	110 900*	59,0	90,6	103 400*
36,0	46,3	85,8	103 600*	55,4	89,2	96 500*
38,0	42,0	83,6	97 100*	51,7	87,7	90 400*
40,0	37,2	81,0	91 100*	47,8	85,8	84 900*
42,0	31,8	77,8	85 800*	43,6	83,7	79 800*
44,0	25,3	73,8	80 800*	39,1	81,3	75 300*
46,0				33,9	78,4	71 000*
48,0				27,9	74,7	67 100*
50,0				20,2	69,8	63 500*

54,9 m Boom, 45,7 m Luffing Jib

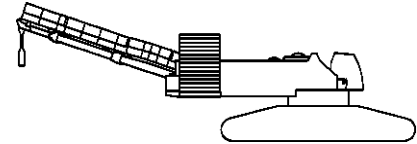
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms	Jib Point	Luffing Jib	Luffing Jib Capacity Kilograms
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m	
22,9	72,3	101,3	174 300*			
24,0	70,8	100,9	165 100*			
26,0	68,1	100,1	150 600*			
28,0	65,3	99,1	138 300*			
30,0	62,5	98,1	127 700*			
32,0	59,5	96,8	118 400*	66,3	98,7	110 000*
34,0	56,5	95,5	110 200*	63,5	97,7	102 400*
36,0	53,4	94,0	102 900*	60,6	96,6	95 600*
38,0	50,1	92,3	96 400*	57,7	95,3	89 500*
40,0	46,7	90,4	90 600*	54,6	93,9	84 000*
42,0	43,0	88,3	85 300*	51,4	92,2	79 000*
44,0	39,0	85,8	80 400*	48,0	90,4	74 500*
46,0	34,7	83,0	76 000*	44,4	88,4	70 400*
48,0	29,7	79,6	71 900*	40,6	86,1	66 600*
50,0	23,8	75,3	68 000*	36,4	83,4	63 000*
52,0				31,6	80,2	59 800*
54,0				26,1	76,3	56 700*
56,0				19,1	71,0	53 600*

Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



54,9 m Boom, 51,8 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
	24,4	72,7	107,2	160 700*		
26,0	70,8	106,6	149 200*			
28,0	68,4	105,8	137 000*			
30,0	66,0	104,9	126 400*			
32,0	63,5	103,9	117 100*			
34,0	61,0	102,8	109 000*	66,9	104,5	100 900*
36,0	58,3	101,5	101 700*	64,4	103,6	94 100*
38,0	55,7	100,1	95 200*	61,9	102,5	88 000*
40,0	52,9	98,6	89 400*	59,3	101,3	82 600*
42,0	50,0	96,9	84 100*	56,7	99,9	77 700*
44,0	47,0	95,1	79 300*	53,9	98,5	73 200*
46,0	43,8	93,0	74 900*	51,1	96,8	69 100*
48,0	40,4	90,6	70 900*	48,1	95,0	65 300*
50,0	36,7	87,9	67 200*	45,0	93,0	61 800*
52,0	32,6	84,9	63 700*	41,7	90,8	58 600*
54,0	28,0	81,2	60 500*	38,1	88,2	55 500*
56,0	22,5	76,6	57 400*	34,2	85,3	52 400*
58,0				29,8	81,9	49 500*
60,0				24,7	77,8	46 700*
62,0				18,2	72,2	44 100*
64,0				5,9	61,3	41 300*

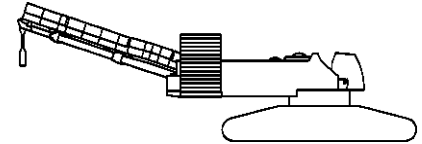
54,9 m Boom, 57,9 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
	25,9	73,0	113,1	148 800*		
26,0	72,9	113,1	148 200*			
28,0	70,8	112,4	135 900*			
30,0	68,7	111,6	125 400*			
32,0	66,5	110,7	116 100*			
34,0	64,3	109,7	108 000*			
36,0	62,1	108,7	100 800*			
38,0	59,8	107,5	94 300*	65,1	109,4	86 900*
40,0	57,4	106,2	88 500*	62,9	108,3	81 500*
42,0	55,0	104,8	83 200*	60,6	107,2	76 600*
44,0	52,5	103,2	78 500*	58,3	105,9	72 100*
46,0	49,9	101,5	74 100*	55,9	104,6	68 100*
48,0	47,2	99,7	70 100*	53,4	103,1	64 300*
50,0	44,3	97,6	66 400*	50,9	101,4	60 900*
52,0	41,4	95,3	63 000*	48,2	99,7	57 600*
54,0	38,2	92,8	59 800*	45,4	97,7	54 300*
56,0	34,7	90,0	56 800*	42,5	95,5	51 300*
58,0	30,9	86,7	54 100*	39,4	93,1	48 500*
60,0	26,6	82,8	51 500*	36,0	90,3	45 800*
62,0	21,4	78,0	49 000*	32,4	87,2	43 300*
64,0	14,5	71,2	46 500*	28,3	83,6	40 900*
66,0				23,5	79,2	38 700*
68,0				17,4	73,4	36 400*
70,0				6,7	62,7	34 100*

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



54,9 m Boom, 64,0 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Point	Luffing Jib	Capacity Kilograms	Jib Point	Luffing Jib	Capacity Kilograms
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m	
29,0	71,8	118,5	129 300*			
30,0	70,8	118,2	124 100*			
32,0	68,9	117,4	114 800*			
34,0	66,9	116,5	106 700*			
36,0	64,9	115,6	99 400*			
38,0	62,9	114,5	93 000*			
40,0	60,9	113,4	87 200*	65,7	115,2	80 000*
42,0	58,8	112,2	82 000*	63,7	114,2	75 100*
44,0	56,6	110,8	77 200*	61,6	113,1	70 700*
46,0	54,4	109,4	72 800*	59,6	111,9	66 600*
48,0	52,1	107,8	68 900*	57,4	110,6	62 900*
50,0	49,8	106,1	65 200*	55,2	109,2	59 300*
52,0	47,4	104,3	61 800*	53,0	107,7	55 700*
54,0	44,8	102,3	58 700*	50,7	106,0	52 500*
56,0	42,2	100,1	55 700*	48,3	104,2	49 500*
58,0	39,3	97,6	53 000*	45,8	102,3	46 700*
60,0	36,3	94,9	50 500*	43,2	100,2	44 100*
62,0	33,1	91,9	48 000*	40,4	97,8	41 700*
64,0	29,5	88,4	45 500*	37,5	95,2	39 400*
66,0	25,4	84,3	43 100*	34,3	92,3	37 200*
68,0	20,6	79,3	40 700*	30,9	89,0	35 100*
70,0	14,1	72,3	38 400*	27,0	85,2	33 200*
72,0				22,5	80,6	31 300*
74,0				16,8	74,6	29 400*
76,0				7,2	64,0	27 400*

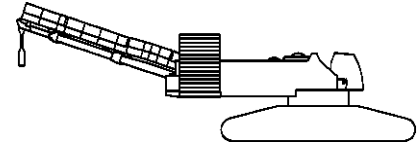
54,9 m Boom, 70,1 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Point	Luffing Jib	Capacity Kilograms	Jib Point	Luffing Jib	Capacity Kilograms
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m	
30,5	72,1	124,4	115 300*			
32,0	70,8	123,9	113 500*			
34,0	69,0	123,1	105 600*			
36,0	67,3	122,3	98 400*			
38,0	65,5	121,3	92 000*			
40,0	63,6	120,3	86 200*			
42,0	61,8	119,3	80 900*	66,1	121,0	74 000*
44,0	59,9	118,1	76 200*	64,3	120,0	69 500*
46,0	58,0	116,8	71 900*	62,5	118,9	65 500*
48,0	56,0	115,5	67 900*	60,6	117,8	61 600*
50,0	54,0	114,0	64 200*	58,7	116,6	57 800*
52,0	51,9	112,4	60 800*	56,7	115,2	54 300*
54,0	49,7	110,7	57 700*	54,7	113,8	51 100*
56,0	47,5	108,9	54 800*	52,7	112,3	48 200*
58,0	45,2	106,9	52 100*	50,5	110,6	45 400*
60,0	42,8	104,7	49 500*	48,3	108,8	42 800*
62,0	40,3	102,4	46 900*	46,1	106,9	40 300*
64,0	37,6	99,8	44 400*	43,7	104,8	38 100*
66,0	34,7	96,9	42 000*	41,2	102,6	35 900*
68,0	31,7	93,7	39 800*	38,6	100,1	33 900*
70,0	28,3	90,1	37 700*	35,8	97,3	32 000*
72,0	24,4	85,8	35 600*	32,8	94,2	30 100*
74,0	19,8	80,6	33 600*	29,6	90,8	28 400*
76,0	13,8	73,4	31 700*	25,9	86,8	26 700*
78,0				21,7	82,0	25 100*
80,0				16,3	75,7	23 600*

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



54,9 m Boom, 76,2 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
	32,0	72,4	130,4	101 100*		
34,0	70,8	129,7	99 200*			
36,0	69,2	128,9	96 400*			
38,0	67,6	128,1	90 700*			
40,0	65,9	127,2	84 800*			
42,0	64,2	126,2	79 600*			
44,0	62,5	125,1	74 900*	66,5	126,8	68 100*
46,0	60,8	124,0	70 500*	64,9	125,8	63 700*
48,0	59,1	122,8	66 600*	63,2	124,8	59 600*
50,0	57,3	121,5	62 900*	61,5	123,7	55 900*
52,0	55,4	120,1	59 600*	59,7	122,5	52 400*
54,0	53,6	118,6	56 500*	57,9	121,2	49 300*
56,0	51,6	117,0	53 500*	56,1	119,9	46 300*
58,0	49,7	115,3	50 800*	54,3	118,4	43 600*
60,0	47,6	113,5	48 000*	52,4	116,9	41 000*
62,0	45,5	111,5	45 300*	50,4	115,2	38 600*
64,0	43,3	109,4	42 800*	48,4	113,5	36 300*
66,0	41,0	107,1	40 500*	46,3	111,5	34 200*
68,0	38,6	104,6	38 300*	44,2	109,5	32 200*
70,0	36,1	101,9	36 200*	41,9	107,2	30 300*
72,0	33,4	98,9	34 200*	39,5	104,8	28 500*
74,0	30,4	95,5	32 300*	37,1	102,2	26 800*
76,0	27,2	91,7	30 500*	34,4	99,3	25 200*
78,0	23,6	87,3	28 800*	31,6	96,1	23 600*
80,0	19,2	81,9	27 100*	28,5	92,5	22 200*
84,0				20,9	83,3	19 300*
88,0				7,8	66,4	16 500*

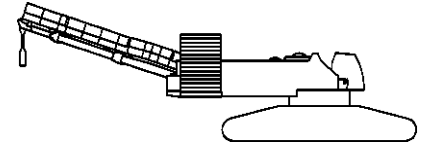
54,9 m Boom, 82,3 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
	33,5	72,6	136,3	86 900*		
34,0	72,3	136,1	86 900*			
36,0	70,8	135,4	86 500*			
38,0	69,3	134,7	85 100*			
40,0	67,8	133,8	83 100*			
42,0	66,3	132,9	78 700*			
44,0	64,7	132,0	73 800*			
46,0	63,2	131,0	69 500*	66,9	132,6	62 200*
48,0	61,6	129,9	65 500*	65,3	131,6	58 100*
50,0	60,0	128,7	61 900*	63,8	130,6	54 400*
52,0	58,3	127,5	58 500*	62,2	129,6	50 900*
54,0	56,7	126,1	55 400*	60,6	128,4	47 800*
56,0	55,0	124,7	52 500*	59,0	127,2	44 800*
58,0	53,2	123,2	49 400*	57,3	125,9	42 100*
60,0	51,4	121,6	46 600*	55,6	124,5	39 500*
62,0	49,6	119,9	44 000*	53,9	123,1	37 100*
64,0	47,7	118,1	41 500*	52,1	121,5	34 900*
66,0	45,8	116,2	39 200*	50,3	119,8	32 800*
68,0	43,8	114,1	37 000*	48,4	118,1	30 800*
70,0	41,7	111,8	34 900*	46,5	116,2	28 900*
72,0	39,5	109,4	33 000*	44,5	114,1	27 100*
74,0	37,2	106,8	31 100*	42,5	111,9	25 500*
76,0	34,8	103,9	29 300*	40,3	109,6	23 800*
78,0	32,2	100,8	27 700*	38,1	107,0	22 300*
80,0	29,4	97,3	26 100*	35,7	104,3	20 900*
84,0	22,8	88,7	23 000*	30,4	97,9	18 200*
88,0	13,3	75,6	20 100*	24,2	89,8	15 600*
92,0				15,5	78,0	13 200*

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



54,9 m Boom, 88,4 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
35,1	72,8	142,2	75 300*
36,0	72,2	141,9	75 300*
38,0	70,8	141,2	75 000*
40,0	69,4	140,4	74 600*
42,0	68,0	139,6	73 200*
44,0	66,6	138,7	71 800*
46,0	65,2	137,8	68 200*
48,0	63,7	136,8	64 200*
50,0	62,3	135,7	60 600*
52,0	60,8	134,6	57 200*
54,0	59,3	133,4	54 000*
56,0	57,7	132,1	50 800*
58,0	56,2	130,8	47 800*
60,0	54,6	129,4	44 900*
62,0	52,9	127,8	42 300*
64,0	51,3	126,2	39 900*
66,0	49,6	124,5	37 600*
68,0	47,8	122,7	35 400*
70,0	46,0	120,8	33 300*
72,0	44,2	118,7	31 400*
74,0	42,2	116,5	29 500*
76,0	40,2	114,1	27 800*
78,0	38,1	111,6	26 100*
80,0	35,9	108,9	24 500*
84,0	31,1	102,6	21 500*
88,0	25,5	94,9	18 800*
92,0	18,2	84,4	16 300*

54,9 m Boom, 94,5 m Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
38,1	72,0	147,6	65 200*
40,0	70,8	146,9	64 900*
42,0	69,5	146,2	64 600*
44,0	68,2	145,4	64 200*
46,0	66,9	144,5	63 100*
48,0	65,6	143,6	61 500*
50,0	64,2	142,6	58 800*
52,0	62,8	141,6	56 100*
54,0	61,5	140,5	52 600*
56,0	60,1	139,3	49 400*
58,0	58,6	138,1	46 400*
60,0	57,2	136,8	43 500*
62,0	55,7	135,4	40 900*
64,0	54,2	134,0	38 500*
66,0	52,7	132,4	36 200*
68,0	51,1	130,8	34 000*
70,0	49,5	129,1	31 900*
72,0	47,9	127,3	30 000*
74,0	46,2	125,4	28 200*
76,0	44,5	123,3	26 400*
78,0	42,7	121,2	24 800*
80,0	40,8	118,9	23 200*
84,0	36,9	113,8	20 300*
88,0	32,5	107,8	17 600*
92,0	27,6	100,6	15 000*
96,0	21,5	91,5	12 200*
100,0	12,9	77,8	9 700*

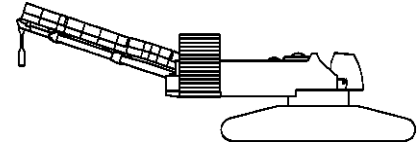


Liftcrane Luffing Jib Capacities

18000 With

21000 MAX-ER

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A With 42,7 m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg Hanging Counterweight
 at 18 m Position
 Rating Over End of Blocked Crawlers
 No Travel - Limited Swing



61,0 m Boom, 27,4 m Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15,2	73,3	90,3	280 600*c							15,2
16,0	71,6	90,0	267 700*c							16,0
18,0	67,1	89,2	235 700*b							18,0
20,0	62,3	88,1	209 600*b	67,4	89,0	203 900*b				20,0
22,0	57,4	86,8	188 400*	62,6	87,9	183 300*b				22,0
24,0	52,0	85,2	170 900*	57,7	86,7	166 200*				24,0
26,0	46,2	83,2	156 000*	52,4	85,1	151 800*	65,7	87,8	141 000*b	26,0
28,0	39,7	80,9	143 300*	46,6	83,2	139 400*	60,9	86,7	129 500*b	28,0
30,0	32,0	77,8	132 100*	40,2	80,8	128 600*	55,8	85,3	119 500*	30,0
32,0	21,7	73,2	122 300*	32,6	77,8	119 200*	50,4	83,6	110 800*	32,0
34,0				22,5	73,4	110 700*	44,4	81,6	103 100*	34,0
36,0							37,6	79,0	96 200*	36,0
38,0							29,3	75,6	89 900*	38,0

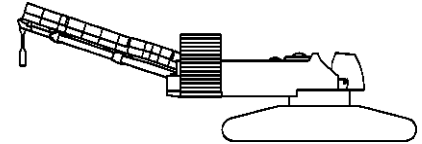
Capacities indicated by (b) require 9 530 kg minimum weight suspended beneath luffing jib point.

Capacities indicated by (c) require 16 780 kg minimum weight suspended beneath luffing jib point.

Liftcrane Luffing Jib Capacities

**18000 With
21000 MAX-ER**

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



61,0 m Boom, 33,5 m Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16,8	73,7	96,2	240 000* b							16,8
18,0	71,5	95,8	232 600* b							18,0
20,0	67,8	94,9	209 100* b	71,7	95,6	203 300* b				20,0
22,0	64,0	93,9	188 100* b	68,0	94,8	182 700* b				22,0
24,0	60,0	92,8	170 600*	64,2	93,8	165 700*				24,0
26,0	55,9	91,4	155 800*	60,3	92,6	151 300*				26,0
28,0	51,5	89,8	143 200*	56,1	91,3	139 100*	66,7	93,7	128 800* b	28,0
30,0	46,8	87,9	132 200*	51,8	89,7	128 400*	62,8	92,6	118 800*	30,0
32,0	41,6	85,6	122 700*	47,1	87,8	119 100*	58,8	91,4	110 200*	32,0
34,0	35,9	82,9	114 200*	42,0	85,6	110 900*	54,6	89,9	102 600*	34,0
36,0	29,0	79,4	106 600*	36,2	82,9	103 500*	50,1	88,2	95 700*	36,0
38,0	19,9	74,5	99 600*	29,5	79,5	96 900*	45,3	86,2	89 700*	38,0
40,0				20,6	74,7	90 800*	40,0	83,9	84 200*	40,0
42,0							33,9	81,0	79 100*	42,0
44,0							26,6	77,2	74 500*	44,0

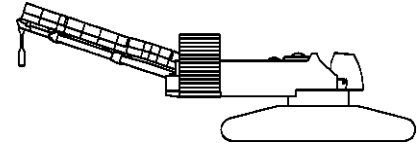
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.



Liftcrane Luffing Jib Capacities

**18000 With
21000 MAX-ER**

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A With 42,7 m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg Hanging Counterweight
 at 18 m Position
 Rating Over End of Blocked Crawlers
 No Travel - Limited Swing



61,0 m Boom, 39,6 m Luffing Jib

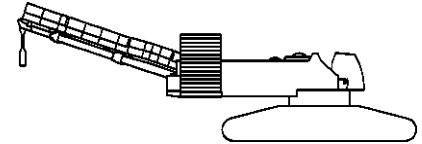
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18,3	74,0	102,1	205 600*(b)							18,3
20,0	71,4	101,5	198 500*(b)							20,0
22,0	68,3	100,7	187 500*(b)	71,6	101,4	181 600*(b)				22,0
24,0	65,1	99,8	169 600*	68,5	100,6	164 400*				24,0
26,0	61,8	98,7	154 800*	65,3	99,6	150 100*				26,0
28,0	58,4	97,4	142 200*	62,0	98,6	137 900*				28,0
30,0	54,8	96,0	131 300*	58,6	97,3	127 300*				30,0
32,0	51,1	94,4	121 800*	55,0	95,9	118 100*	64,1	98,4	108 700*	32,0
34,0	47,1	92,5	113 400*	51,3	94,3	109 900*	60,8	97,3	101 200*	34,0
36,0	42,9	90,3	106 000*	47,4	92,4	102 700*	57,3	96,0	94 400*	36,0
38,0	38,2	87,8	99 200*	43,2	90,3	96 200*	53,7	94,5	88 400*	38,0
40,0	33,0	84,8	93 200*	38,5	87,8	90 300*	49,9	92,8	83 000*	40,0
42,0	26,8	81,0	87 600*	33,3	84,8	85 000*	45,9	90,9	78 100*	42,0
44,0	18,5	75,7	82 500*	27,2	81,1	80 100*	41,5	88,6	73 600*	44,0
46,0				19,2	75,9	75 500*	36,7	86,0	69 500*	46,0
48,0							31,3	82,8	65 700*	48,0
50,0							24,6	78,6	62 100*	50,0

Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



61,0 m Boom, 45,7 m Luffing Jib

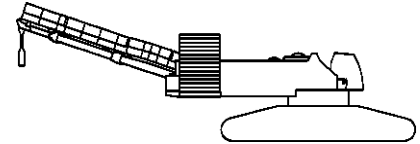
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
19,8	74,2	108,1	177 000* b							19,8
20,0	74,0	108,0	176 500* b							20,0
22,0	71,3	107,3	170 700* b							22,0
24,0	68,6	106,5	163 600*							24,0
26,0	65,9	105,6	154 100*	68,8	106,3	149 200*				26,0
28,0	63,0	104,5	141 400*	66,0	105,4	137 000*				28,0
30,0	60,1	103,4	130 600*	63,2	104,4	126 500*				30,0
32,0	57,1	102,1	121 100*	60,3	103,3	117 300*	67,8	105,2	107 600*	32,0
34,0	54,0	100,6	112 800*	57,3	102,0	109 200*	65,0	104,3	100 100*	34,0
36,0	50,8	98,9	105 400*	54,2	100,5	101 900*	62,2	103,2	93 400*	36,0
38,0	47,4	97,1	98 700*	51,0	98,9	95 500*	59,3	102,0	87 500*	38,0
40,0	43,8	95,0	92 700*	47,6	97,0	89 700*	56,2	100,6	82 100*	40,0
42,0	39,9	92,6	87 300*	44,0	95,0	84 400*	53,1	99,1	77 200*	42,0
44,0	35,6	89,9	82 300*	40,1	92,6	79 600*	49,8	97,4	72 800*	44,0
46,0	30,8	86,6	77 800*	35,9	89,9	75 200*	46,3	95,5	68 800*	46,0
48,0	25,1	82,5	73 500*	31,1	86,6	71 200*	42,6	93,3	65 000*	48,0
50,0	17,6	76,8	69 600*	25,5	82,6	67 400*	38,6	90,8	61 600*	50,0
52,0				18,1	77,1	63 800*	34,2	87,9	58 400*	52,0
54,0							29,2	84,5	55 400*	54,0
56,0							23,1	80,0	52 400*	56,0

Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



61,0 m Boom, 51,8 m Luffing Jib

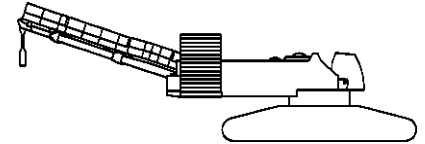
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21,3	74,4	113,9	154 000*(b)							21,3
22,0	73,6	113,8	152 400*(b)							22,0
24,0	71,3	113,1	147 300*							24,0
26,0	68,9	112,3	141 800*	71,4	112,9	147 800*				26,0
28,0	66,5	111,4	135 900*	69,0	112,1	135 700*				28,0
30,0	64,0	110,4	129 100*	66,6	111,2	125 100*				30,0
32,0	61,5	109,3	119 900*	64,2	110,2	116 000*				32,0
34,0	58,9	108,1	111 600*	61,6	109,2	107 900*				34,0
36,0	56,2	106,7	104 200*	59,0	107,9	100 700*	65,7	110,1	91 900*	36,0
38,0	53,5	105,2	97 600*	56,4	106,6	94 300*	63,2	109,1	86 000*	38,0
40,0	50,6	103,6	91 600*	53,6	105,1	88 500*	60,7	107,9	80 600*	40,0
42,0	47,6	101,7	86 300*	50,8	103,5	83 300*	58,1	106,7	75 800*	42,0
44,0	44,4	99,7	81 300*	47,8	101,6	78 500*	55,4	105,3	71 400*	44,0
46,0	41,1	97,4	76 900*	44,6	99,6	74 200*	52,6	103,7	67 400*	46,0
48,0	37,4	94,8	72 700*	41,3	97,3	70 100*	49,7	102,0	63 700*	48,0
50,0	33,5	91,8	68 900*	37,7	94,8	66 500*	46,7	100,1	60 300*	50,0
52,0	29,0	88,3	65 400*	33,7	91,8	63 100*	43,4	98,0	57 200*	52,0
54,0	23,7	83,9	62 000*	29,3	88,3	59 800*	40,0	95,6	54 100*	54,0
56,0	16,8	78,0	58 900*	24,1	84,1	56 900*	36,3	92,9	51 100*	56,0
58,0				17,3	78,3	54 000*	32,2	89,8	48 200*	58,0
60,0							27,5	86,1	45 600*	60,0
62,0							21,9	81,4	43 000*	62,0
64,0							14,0	74,6	40 500*	64,0

Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

18000 With 21000 MAX-ER

Luffing Jib No. 79A On
Boom No. 55 or No. 55A With 42,7 m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18 m Position
Rating Over End of Blocked Crawlers
No Travel - Limited Swing



61,0 m Boom, 57,9 m Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
22,9	74,5	119,9	134 300*							22,9
24,0	73,3	119,5	132 100*							24,0
26,0	71,2	118,8	128 100*							26,0
28,0	69,1	118,0	123 800*	71,4	118,7	133 600*				28,0
30,0	66,9	117,2	119 200*	69,2	117,9	124 300*				30,0
32,0	64,7	116,2	114 400*	67,1	117,0	115 000*				32,0
34,0	62,5	115,2	109 500*	64,9	116,1	106 900*				34,0
36,0	60,2	114,0	103 600*	62,7	115,0	99 700*				36,0
38,0	57,9	112,7	96 700*	60,4	113,9	93 300*	66,3	115,9	84 800*	38,0
40,0	55,5	111,3	90 800*	58,0	112,6	87 600*	64,1	114,9	79 500*	40,0
42,0	53,0	109,8	85 400*	55,6	111,2	82 400*	61,8	113,8	74 700*	42,0
44,0	50,4	108,2	80 500*	53,1	109,7	77 600*	59,5	112,6	70 300*	44,0
46,0	47,7	106,3	76 100*	50,6	108,1	73 300*	57,2	111,3	66 400*	46,0
48,0	44,9	104,3	72 000*	47,9	106,2	69 300*	54,7	109,9	62 700*	48,0
50,0	42,0	102,1	68 200*	45,1	104,2	65 700*	52,2	108,3	59 300*	50,0
52,0	38,8	99,6	64 700*	42,2	102,1	62 300*	49,6	106,6	56 100*	52,0
54,0	35,4	96,8	61 500*	39,0	99,6	59 100*	46,9	104,7	52 900*	54,0
56,0	31,7	93,7	58 400*	35,7	96,8	56 200*	44,1	102,7	49 900*	56,0
58,0	27,5	89,9	55 600*	32,0	93,7	53 500*	41,1	100,4	47 100*	58,0
60,0	22,6	85,3	52 900*	27,8	90,0	50 900*	37,8	97,8	44 500*	60,0
62,0	16,2	79,2	50 300*	22,9	85,5	48 500*	34,4	94,9	42 100*	62,0
64,0				16,6	79,4	46 100*	30,5	91,6	39 800*	64,0
66,0							26,1	87,7	37 500*	66,0
68,0							20,9	82,7	35 400*	68,0
70,0							13,6	75,6	33 400*	70,0