

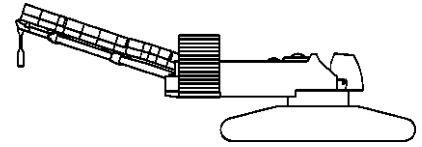
Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib
10 m/s with 51,8m thru 64,0m Luffing Jib
7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With 21000 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 are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4,0 degree tipping angle. 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 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 3m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. 87 degree boom angle requires 61,0m 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. 9253-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.

WIND CONDITIONS: Machine may be operated in winds stated in Maximum Operating Wind Speed table provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind will have a considerable effect on load with a large "sail

area" and must be compensated for accordingly by reducing load ratings, reducing operating speeds, or by a combination of both. Wind speed to be measured at or above boom point elevation. **Operation is not permitted when wind is above conditions stated in Maximum Operating Wind Speed table.** Park crane (upper inline with crawlers) with load block on ground or secured and position boom at 85 degrees. Position luffing jib at 55 degrees for luffing jib lengths 27,4m thru 70,1m and at 60 degrees for luffing jib lengths 76,2m thru 94,5m. Lower boom and luffing jib onto blocking at ground level and haul in boom hoist wire rope just enough to tension mast straps when wind is above conditions stated in Maximum Parking Wind Speed table. Lower mast to ground when wind is above 34 m/s.

MACHINE TRAVEL: Machine to travel on a firm, level (not to exceed 13 mm in 3m) and uniformly supporting surface. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0,4 m/s. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8719-A**.

MAX PERMISSIBLE SLEWING SPEED: Slewing operation with working load shall not exceed 0,4 m/s as measured at the operating radius. The amount of time to brake or start slewing a working load shall not be less than 2,5 seconds.

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, 9,1m live mast, 42,7m 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.

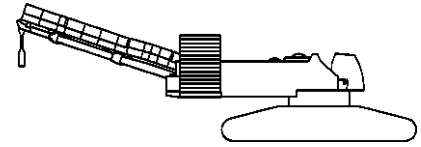
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Maximum Operating Wind Speeds
 (all boom lengths)

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 7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With 21000 MAX-ER



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	44 270 kg
In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.		

Maximum Parking Wind Speeds (all boom lengths)	
Luffing Jib Lengths	Lower To Ground
27,4m - 45,7m	22 m/s
51,8m - 70,1m	18 m/s
76,2m - 94,5m	13 m/s

Boom and/or Jib Catwalks Deduct

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

48,8m (160 Ft.) Boom 27,4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
16,8	72,3	77,8	248 000b				16,8
18,0	69,5	77,3	231 300b				18,0
20,0	64,9	76,3	207 300*b				20,0
22,0	60,0	75,2	186 300*				22,0
24,0	54,9	73,7	168 900*				24,0
26,0	49,4	72,0	154 300*	60,6	74,6	146 300*	26,0
28,0	43,3	69,9	141 700*	55,5	73,2	134 400*	28,0
30,0	36,3	67,2	130 700*	50,0	71,5	124 000*	30,0
32,0	27,7	63,6	121 100*	44,0	69,4	115 000*	32,0
34,0				37,2	66,8	106 900*	34,0
36,0				28,8	63,4	99 700*	36,0
38,0				16,2	57,7	93 000*	38,0

48,8m (160 Ft.) Boom 33,5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18,3	72,9	83,7	221 000b				18,3
20,0	69,8	83,1	202 200b				20,0
22,0	66,0	82,2	183 700b				22,0
24,0	62,1	81,1	168 100				24,0
26,0	58,1	79,8	154 000*	66,4	81,6	144 200	26,0
28,0	53,8	78,3	141 500*	62,6	80,5	133 300	28,0
30,0	49,3	76,6	130 700*	58,5	79,3	123 500	30,0
32,0	44,4	74,5	121 200*	54,3	77,8	114 500*	32,0
34,0	39,0	72,1	112 800*	49,8	76,1	106 600*	34,0
36,0	32,8	69,1	105 400*	45,0	74,1	99 600*	36,0
38,0	25,2	65,0	98 600*	39,7	71,7	93 300*	38,0
40,0				33,6	68,8	87 500*	40,0
42,0				26,1	64,9	82 200*	42,0
44,0				15,1	58,8	77 300*	44,0

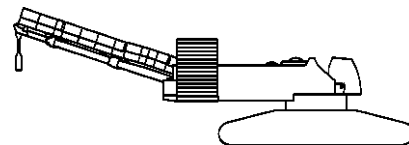
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223 170 kg Crane Counterweight
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360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

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10 m/s with 51,8m thru 64,0m Luffing Jib
7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With 21000 MAX-ER



48,8m (160 Ft.) Boom 39,6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21,3	71,0	89,1	183 800b				21,3
22,0	69,9	88,8	178 400b				22,0
24,0	66,8	87,9	163 200				24,0
26,0	63,5	86,9	150 300				26,0
28,0	60,2	85,8	139 100				28,0
30,0	56,7	84,4	129 300	63,9	86,4	119 900	30,0
32,0	53,1	82,9	120 300	60,6	85,2	111 700	32,0
34,0	49,3	81,2	112 000*	57,1	83,9	104 400	34,0
36,0	45,2	79,2	104 600*	53,5	82,4	98 000	36,0
38,0	40,8	76,9	98 000*	49,7	80,7	92 200	38,0
40,0	35,9	74,1	92 000*	45,6	78,7	86 600*	40,0
42,0	30,2	70,8	86 500*	41,3	76,5	81 400*	42,0
44,0	23,3	66,4	81 500*	36,4	73,8	76 800*	44,0
46,0				30,9	70,5	72 500*	46,0
48,0				24,2	66,3	68 500*	48,0
50,0				14,4	59,8	64 600*	50,0

48,8m (160 Ft.) Boom 51,8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24,4	72,1	101,0	151 600				24,4
26,0	70,2	100,3	142 000				26,0
28,0	67,8	99,5	131 400				28,0
30,0	65,3	98,6	122 200				30,0
32,0	62,8	97,5	114 000				32,0
34,0	60,3	96,4	106 700	65,6	98,0	98 200	34,0
36,0	57,6	95,1	100 100	63,1	97,0	92 000	36,0
38,0	54,9	93,7	94 200	60,6	95,8	86 400	38,0
40,0	52,1	92,1	88 800	57,9	94,6	81 400	40,0
42,0	49,2	90,4	83 900	55,2	93,2	76 800	42,0
44,0	46,1	88,4	79 500	52,4	91,6	72 600	44,0
46,0	42,9	86,3	75 300	49,5	89,9	68 800	46,0
48,0	39,4	83,9	71 500	46,5	88,0	65 200	48,0
50,0	35,6	81,1	67 900*	43,2	85,9	61 900	50,0
52,0	31,4	77,9	64 400*	39,8	83,5	58 900	52,0
54,0	26,6	74,0	61 100*	36,1	80,8	56 100	54,0
56,0	20,8	69,1	58 000*	31,9	77,6	53 400	56,0
58,0				27,2	73,8	50 500*	58,0
60,0				21,5	69,1	47 700*	60,0
62,0				13,4	62,0	44 900*	62,0

48,8m (160 Ft.) Boom 45,7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22,9	71,6	95,0	166 900				22,9
24,0	70,1	94,6	159 000				24,0
26,0	67,3	93,7	146 400				26,0
28,0	64,6	92,8	135 500				28,0
30,0	61,7	91,7	126 000				30,0
32,0	58,8	90,4	117 500	64,9	92,2	108 600	32,0
34,0	55,7	89,1	110 100	62,0	91,1	101 600	34,0
36,0	52,5	87,5	103 300	59,1	89,9	95 300	36,0
38,0	49,2	85,8	97 300	56,0	88,6	89 600	38,0
40,0	45,7	83,8	91 500*	52,9	87,0	84 400	40,0
42,0	42,0	81,6	86 100*	49,6	85,3	79 700	42,0
44,0	37,9	79,1	81 200*	46,1	83,4	75 500	44,0
46,0	33,4	76,1	76 700*	42,4	81,2	71 500	46,0
48,0	28,2	72,5	72 600*	38,4	78,7	67 900	48,0
50,0	21,9	67,8	68 700*	33,9	75,8	64 400	50,0
52,0				28,9	72,2	61 100*	52,0
54,0				22,7	67,7	57 900*	54,0
56,0				13,8	60,9	54 400*	56,0

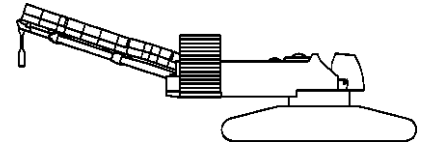
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Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib
 10 m/s with 51,8m thru 64,0m Luffing Jib
 7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With 21000 MAX-ER



48,8m (160 Ft.) Boom 57,9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25,9	72,4	106,9	138 700				25,9
26,0	72,3	106,8	138 200				26,0
28,0	70,2	106,1	127 900				28,0
30,0	68,1	105,3	118 900				30,0
32,0	65,9	104,4	110 900				32,0
34,0	63,7	103,4	103 800				34,0
36,0	61,4	102,3	97 400	66,2	103,8	89 300	36,0
38,0	59,1	101,1	91 600	63,9	102,8	83 800	38,0
40,0	56,8	99,7	86 300	61,7	101,7	78 900	40,0
42,0	54,3	98,3	81 500	59,4	100,5	74 400	42,0
44,0	51,8	96,7	77 100	57,0	99,2	70 300	44,0
46,0	49,2	95,0	73 100	54,6	97,8	66 500	46,0
48,0	46,4	93,1	69 300	52,1	96,2	63 000	48,0
50,0	43,6	91,0	65 900	49,5	94,5	59 800	50,0
52,0	40,5	88,6	62 700	46,7	92,6	56 800	52,0
54,0	37,3	86,0	59 700	43,9	90,5	54 000	54,0
56,0	33,7	83,1	57 000	40,9	88,2	51 400	56,0
58,0	29,8	79,6	54 400	37,6	85,7	49 000	58,0
60,0	25,3	75,6	52 000	34,1	82,7	46 700	60,0
62,0	19,8	70,4	49 400	30,3	79,4	44 300*	62,0
64,0	11,9	62,6	46 600	25,9	75,4	41 900*	64,0
66,0				20,5	70,4	39 500*	66,0
68,0				13,0	63,1	37 200*	68,0

48,8m (160 Ft.) Boom 64,0m (210 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
27,4	72,7	112,8	126 700				27,4
28,0	72,2	112,6	124 100				28,0
30,0	70,3	111,9	115 200				30,0
32,0	68,4	111,1	107 500				32,0
34,0	66,4	110,2	100 500				34,0
36,0	64,4	109,2	94 200				36,0
38,0	62,4	108,2	88 600				38,0
40,0	60,3	107,0	83 400	64,6	108,7	75 900	40,0
42,0	58,2	105,7	78 700	62,6	107,6	71 500	42,0
44,0	56,0	104,4	74 400	60,5	106,5	67 500	44,0
46,0	53,8	102,9	70 400	58,4	105,2	63 800	46,0
48,0	51,5	101,3	66 800	56,3	103,9	60 400	48,0
50,0	49,2	99,6	63 400	54,1	102,4	57 200	50,0
52,0	46,7	97,7	60 200	51,8	100,8	54 300	52,0
54,0	44,1	95,6	57 300	49,4	99,1	51 500	54,0
56,0	41,4	93,4	54 600	47,0	97,2	49 000	56,0
58,0	38,6	90,9	52 000	44,4	95,2	46 600	58,0
60,0	35,5	88,1	49 600	41,7	92,9	44 300	60,0
62,0	32,2	84,9	47 400	38,9	90,5	42 300	62,0
64,0	28,5	81,3	45 300	35,8	87,7	40 200	64,0
66,0	24,2	77,1	43 200	32,5	84,6	38 200*	66,0
68,0	19,1	71,7	40 900*	28,9	81,1	36 100*	68,0
70,0	11,7	63,7	38 500*	24,7	76,9	34 000*	70,0
72,0				19,7	71,7	32 100*	72,0
74,0				12,8	64,2	30 100*	74,0

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145 150 kg Carbody Counterweight

0 kg Hanging Counterweight

at 18m Position

360 Degree Rating

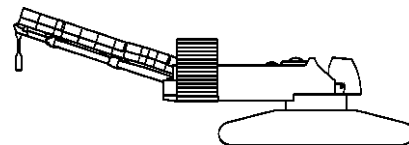
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(all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib

10 m/s with 51,8m thru 64,0m Luffing Jib

7 m/s with 70,1m thru 94,5m Luffing Jib

**18000 With
21000 MAX-ER**



48,8m (160 Ft.) Boom 70,1m (230 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29,0	73,0	118,7	116 400				29,0
30,0	72,1	118,4	112 100				30,0
32,0	70,3	117,6	104 500				32,0
34,0	68,6	116,8	97 600				34,0
36,0	66,8	116,0	91 500				36,0
38,0	65,0	115,0	85 900				38,0
40,0	63,2	114,0	80 900	67,0	115,4	73 500	40,0
42,0	61,3	112,9	76 300	65,2	114,5	69 100	42,0
44,0	59,4	111,7	72 100	63,4	113,4	65 200	44,0
46,0	57,4	110,4	68 200	61,5	112,3	61 600	46,0
48,0	55,4	109,0	64 600	59,6	111,2	58 200	48,0
50,0	53,4	107,5	61 200	57,7	109,9	55 100	50,0
52,0	51,3	105,9	58 100	55,7	108,5	52 200	52,0
54,0	49,1	104,2	55 300	53,6	107,0	49 500	54,0
56,0	46,9	102,3	52 600	51,5	105,4	47 000	56,0
58,0	44,6	100,3	50 100	49,4	103,7	44 600	58,0
60,0	42,1	98,1	47 700	47,2	101,8	42 400	60,0
62,0	39,6	95,6	45 500	44,8	99,8	40 300	62,0
64,0	36,9	93,0	43 400	42,4	97,6	38 400	64,0
66,0	34,0	90,1	41 400	39,9	95,2	36 500	66,0
68,0	30,8	86,7	39 500	37,2	92,6	34 800	68,0
70,0	27,3	83,0	37 800	34,3	89,7	32 900	70,0
72,0	23,3	78,5	35 800*	31,2	86,5	31 100*	72,0
74,0	18,4	72,9	33 800*	27,7	82,7	29 300*	74,0
76,0	11,6	64,8	31 800*	23,8	78,4	27 600*	76,0
78,0				19,0	72,9	25 900*	78,0
80,0				12,5	65,2	24 300*	80,0

48,8m (160 Ft.) Boom 76,2m (250 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
32,0	72,0	124,1	101 100				32,0
34,0	70,4	123,4	94 500				34,0
36,0	68,8	122,6	88 500				36,0
38,0	67,1	121,7	83 000				38,0
40,0	65,5	120,8	78 100				40,0
42,0	63,8	119,8	73 600				42,0
44,0	62,1	118,8	69 400	65,7	120,3	62 500	44,0
46,0	60,4	117,6	65 600	64,0	119,3	58 900	46,0
48,0	58,6	116,4	62 100	62,3	118,2	55 600	48,0
50,0	56,8	115,1	58 800	60,5	117,1	52 500	50,0
52,0	54,9	113,7	55 700	58,8	115,8	49 700	52,0
54,0	53,1	112,1	52 900	57,0	114,5	47 100	54,0
56,0	51,1	110,5	50 300	55,1	113,1	44 600	56,0
58,0	49,1	108,8	47 800	53,3	111,6	42 300	58,0
60,0	47,1	106,9	45 400	51,3	110,0	40 100	60,0
62,0	44,9	104,9	43 200	49,4	108,3	38 100	62,0
64,0	42,7	102,7	41 200	47,3	106,5	36 200	64,0
66,0	40,4	100,4	39 200	45,2	104,5	34 300	66,0
68,0	38,0	97,8	37 400	43,0	102,3	32 600	68,0
70,0	35,4	95,1	35 600	40,7	100,0	31 000	70,0
72,0	32,6	92,0	34 000	38,2	97,5	29 400	72,0
74,0	29,6	88,5	32 400	35,7	94,7	27 800*	74,0
76,0	26,3	84,5	30 700*	32,9	91,7	26 100*	76,0
78,0	22,5	79,9	28 900*	30,0	88,2	24 500*	78,0
80,0	17,9	74,1	27 200*	26,7	84,3	23 000*	80,0
84,0				18,4	74,2	20 100*	84,0

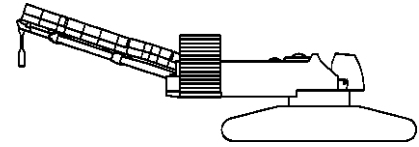
Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib
 10 m/s with 51,8m thru 64,0m Luffing Jib
 7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With 21000 MAX-ER



48,8m (160 Ft.) Boom 82,3m (270 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
33,5	72,2	130,0	93 100				33,5
34,0	71,9	129,9	91 700				34,0
36,0	70,4	129,1	85 800				36,0
38,0	68,9	128,4	80 500				38,0
40,0	67,4	127,5	75 600				40,0
42,0	65,9	126,6	71 200				42,0
44,0	64,3	125,7	67 100				44,0
46,0	62,8	124,6	63 400	66,0	126,1	56 600	46,0
48,0	61,2	123,5	59 900	64,5	125,1	53 400	48,0
50,0	59,6	122,3	56 600	62,9	124,1	50 400	50,0
52,0	57,9	121,1	53 700	61,3	123,0	47 600	52,0
54,0	56,2	119,7	50 800	59,7	121,8	45 000	54,0
56,0	54,5	118,3	48 200	58,1	120,5	42 600	56,0
58,0	52,8	116,7	45 800	56,4	119,2	40 300	58,0
60,0	51,0	115,1	43 500	54,7	117,8	38 100	60,0
62,0	49,1	113,4	41 300	53,0	116,2	36 100	62,0
64,0	47,2	111,5	39 300	51,2	114,6	34 200	64,0
66,0	45,3	109,5	37 400	49,3	112,9	32 500	66,0
68,0	43,2	107,4	35 600	47,4	111,1	30 800	68,0
70,0	41,1	105,1	33 800	45,5	109,1	29 200	70,0
72,0	38,9	102,7	32 200	43,5	107,0	27 600	72,0
74,0	36,6	100,0	30 700	41,3	104,7	26 200	74,0
76,0	34,1	97,0	29 200	39,1	102,3	24 800	76,0
78,0	31,5	93,8	27 700	36,8	99,6	23 200*	78,0
80,0	28,6	90,2	26 200*	34,4	96,7	21 800*	80,0
84,0	21,8	81,3	23 100*	28,9	89,9	19 000*	84,0
88,0	11,4	66,9	20 200*	22,2	81,2	16 400*	88,0
92,0				12,2	67,4	13 900*	92,0

48,8m (160 Ft.) Boom 88,4m (290 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
35,1	72,5	136,0	80 300*				35,1
36,0	71,8	135,6	80 200*				36,0
38,0	70,4	134,9	77 600				38,0
40,0	69,1	134,1	72 800				40,0
42,0	67,6	133,3	68 500				42,0
44,0	66,2	132,4	64 500				44,0
46,0	64,8	131,5	60 800				46,0
48,0	63,3	130,4	57 400	66,4	131,9	50 900	48,0
50,0	61,9	129,4	54 200	65,0	130,9	47 900	50,0
52,0	60,4	128,2	51 300	63,5	129,9	45 200	52,0
54,0	58,9	127,0	48 500	62,0	128,8	42 600	54,0
56,0	57,3	125,7	46 000	60,5	127,7	40 200	56,0
58,0	55,7	124,3	43 600	59,0	126,5	38 000	58,0
60,0	54,1	122,9	41 300	57,5	125,2	35 900	60,0
62,0	52,5	121,3	39 100	55,9	123,8	33 900	62,0
64,0	50,8	119,7	37 200	54,3	122,4	32 000	64,0
66,0	49,1	118,0	35 300	52,7	120,9	30 200	66,0
68,0	47,3	116,1	33 400	51,0	119,2	28 600	68,0
70,0	45,5	114,2	31 700	49,3	117,5	27 000	70,0
72,0	43,7	112,1	30 100	47,5	115,7	25 500	72,0
74,0	41,7	109,8	28 600	45,7	113,7	24 100	74,0
76,0	39,7	107,4	27 100	43,9	111,6	22 700	76,0
78,0	37,6	104,8	25 800	41,9	109,4	21 400	78,0
80,0	35,3	102,0	24 400	39,9	107,0	20 100*	80,0
84,0	30,4	95,6	21 700*	35,6	101,7	17 400*	84,0
88,0	24,6	87,6	19 000*	30,7	95,3	14 900*	88,0
92,0	17,0	76,5	16 400*	25,0	87,4	12 600*	92,0
96,0				17,5	76,6	10 300*	96,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

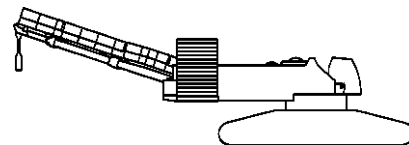
145 150 kg Carbody Counterweight

0 kg Hanging Counterweight

at 18m Position

360 Degree Rating

**18000 With
21000 MAX-ER**



**Maximum Operating Wind Speeds
(all boom lengths)**

14 m/s with 27,4m thru 45,7m Luffing Jib

10 m/s with 51,8m thru 64,0m Luffing Jib

7 m/s with 70,1m thru 94,5m Luffing Jib

48,8m (160 Ft.) Boom

94,5m (310 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Meters	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	68 700
42,0	69,2	139,9	66 500
44,0	67,9	139,1	62 200
46,0	66,5	138,2	58 600
48,0	65,2	137,3	55 200
50,0	63,8	136,3	52 100
52,0	62,5	135,2	49 200
54,0	61,1	134,1	46 500
56,0	59,7	132,9	44 000
58,0	58,2	131,7	41 600
60,0	56,8	130,4	39 300
62,0	55,3	129,0	37 200
64,0	53,8	127,5	35 200
66,0	52,3	125,9	33 400
68,0	50,7	124,3	31 600
70,0	49,1	122,6	29 900
72,0	47,5	120,7	28 300
74,0	45,8	118,8	26 800
76,0	44,0	116,7	25 400
78,0	42,2	114,5	24 000
80,0	40,3	112,2	22 700
84,0	36,4	106,9	20 300
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*

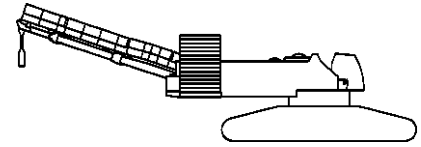
Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib
 10 m/s with 51,8m thru 64,0m Luffing Jib
 7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With 21000 MAX-ER



54,9m (180 Ft.) Boom 27,4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18,3	70,1	83,5	218 900b				18,3
20,0	66,1	82,7	200 300b				20,0
22,0	61,4	81,6	182 100b				22,0
24,0	56,3	80,2	166 700				24,0
26,0	50,9	78,6	153 100*	63,2	81,3	141 500b	26,0
28,0	45,0	76,5	140 500*	58,2	80,0	130 800	28,0
30,0	38,3	74,0	129 700*	53,0	78,5	121 500	30,0
32,0	30,2	70,7	120 100*	47,3	76,6	113 000	32,0
34,0				40,9	74,3	105 100*	34,0
36,0				33,5	71,4	98 000*	36,0
38,0				23,8	67,2	91 600*	38,0

54,9m (180 Ft.) Boom 33,5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19,8	71,1	89,4	196 700b				19,8
20,0	70,8	89,4	195 000b				20,0
22,0	67,0	88,5	177 300b				22,0
24,0	63,2	87,4	162 500				24,0
26,0	59,2	86,2	149 700				26,0
28,0	55,0	84,8	138 700	64,6	87,1	127 500	28,0
30,0	50,5	83,1	129 000	60,7	86,0	118 400	30,0
32,0	45,8	81,2	120 200	56,6	84,6	110 400	32,0
34,0	40,5	78,9	111 800*	52,2	83,1	103 400	34,0
36,0	34,6	76,0	104 400*	47,6	81,2	97 000	36,0
38,0	27,4	72,3	97 700*	42,5	79,0	91 300	38,0
40,0				36,9	76,4	86 000*	40,0
42,0				30,3	73,1	80 800*	42,0
44,0				21,7	68,5	76 000*	44,0

54,9m (180 Ft.) Boom 39,6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21,3	71,8	95,4	177 300b				21,3
22,0	70,8	95,1	172 100b				22,0
24,0	67,6	94,3	157 600				24,0
26,0	64,4	93,3	145 300				26,0
28,0	61,1	92,2	134 600				28,0
30,0	57,7	90,9	125 200	65,6	92,9	114 600	30,0
32,0	54,1	89,4	116 900	62,3	91,9	106 800	32,0
34,0	50,3	87,7	109 500	59,0	90,6	99 900	34,0
36,0	46,3	85,8	102 800	55,4	89,2	93 700	36,0
38,0	42,0	83,6	96 900	51,7	87,7	88 100	38,0
40,0	37,2	81,0	91 200*	47,8	85,8	83 100	40,0
42,0	31,8	77,8	85 800*	43,6	83,7	78 500	42,0
44,0	25,3	73,8	80 800*	39,1	81,3	74 300	44,0
46,0				33,9	78,4	70 500	46,0
48,0				27,9	74,7	66 900	48,0
50,0				20,2	69,8	63 500	50,0

54,9m (180 Ft.) Boom 45,7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22,9	72,3	101,3	161 000				22,9
24,0	70,8	100,9	153 500				24,0
26,0	68,1	100,1	141 500				26,0
28,0	65,3	99,1	131 000				28,0
30,0	62,5	98,1	121 900				30,0
32,0	59,5	96,8	113 800	66,3	98,7	103 700	32,0
34,0	56,5	95,5	106 600	63,5	97,7	97 000	34,0
36,0	53,4	94,0	100 100	60,6	96,6	91 000	36,0
38,0	50,1	92,3	94 300	57,7	95,3	85 600	38,0
40,0	46,7	90,4	89 000	54,6	93,9	80 700	40,0
42,0	43,0	88,3	84 200	51,4	92,2	76 200	42,0
44,0	39,0	85,8	79 700	48,0	90,4	72 000	44,0
46,0	34,7	83,0	75 700	44,4	88,4	68 300	46,0
48,0	29,7	79,6	71 900	40,6	86,1	64 800	48,0
50,0	23,8	75,3	68 000*	36,4	83,4	61 600	50,0
52,0				31,6	80,2	58 600	52,0
54,0				26,1	76,3	55 800	54,0
56,0				19,1	71,0	53 300	56,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

0 kg Hanging Counterweight

at 18m Position

360 Degree Rating

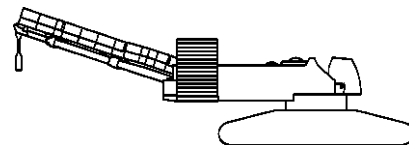
Maximum Operating Wind Speeds
(all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib

10 m/s with 51,8m thru 64,0m Luffing Jib

7 m/s with 70,1m thru 94,5m Luffing Jib

**18000 With
21000 MAX-ER**



54,9m (180 Ft.) Boom

51,8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
24,4	72,7	107,2	146 400				24,4
26,0	70,8	106,6	137 200				26,0
28,0	68,4	105,8	127 100				28,0
30,0	66,0	104,9	118 200				30,0
32,0	63,5	103,9	110 300				32,0
34,0	61,0	102,8	103 300	66,9	104,5	93 600	34,0
36,0	58,3	101,5	96 900	64,4	103,6	87 700	36,0
38,0	55,7	100,1	91 200	61,9	102,5	82 400	38,0
40,0	52,9	98,6	86 000	59,3	101,3	77 600	40,0
42,0	50,0	96,9	81 300	56,7	99,9	73 200	42,0
44,0	47,0	95,1	77 000	53,9	98,5	69 200	44,0
46,0	43,8	93,0	73 000	51,1	96,8	65 500	46,0
48,0	40,4	90,6	69 300	48,1	95,0	62 200	48,0
50,0	36,7	87,9	65 900	45,0	93,0	59 000	50,0
52,0	32,6	84,9	62 800	41,7	90,8	56 100	52,0
54,0	28,0	81,2	59 900	38,1	88,2	53 300	54,0
56,0	22,5	76,6	57 200	34,2	85,3	50 800	56,0
58,0				29,8	81,9	48 400	58,0
60,0				24,7	77,8	46 200	60,0
62,0				18,2	72,2	44 000	62,0
64,0				5,9	61,3	41 300*	64,0

54,9m (180 Ft.) Boom

57,9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
25,9	73,0	113,1	133 900				25,9
26,0	72,9	113,1	133 400				26,0
28,0	70,8	112,4	123 600				28,0
30,0	68,7	111,6	114 900				30,0
32,0	66,5	110,7	107 200				32,0
34,0	64,3	109,7	100 400				34,0
36,0	62,1	108,7	94 200				36,0
38,0	59,8	107,5	88 600	65,1	109,4	79 900	38,0
40,0	57,4	106,2	83 500	62,9	108,3	75 200	40,0
42,0	55,0	104,8	78 900	60,6	107,2	70 900	42,0
44,0	52,5	103,2	74 600	58,3	105,9	66 900	44,0
46,0	49,9	101,5	70 700	55,9	104,6	63 300	46,0
48,0	47,2	99,7	67 100	53,4	103,1	60 000	48,0
50,0	44,3	97,6	63 800	50,9	101,4	56 900	50,0
52,0	41,4	95,3	60 700	48,2	99,7	54 000	52,0
54,0	38,2	92,8	57 800	45,4	97,7	51 300	54,0
56,0	34,7	90,0	55 100	42,5	95,5	48 800	56,0
58,0	30,9	86,7	52 600	39,4	93,1	46 500	58,0
60,0	26,6	82,8	50 200	36,0	90,3	44 300	60,0
62,0	21,4	78,0	48 000	32,4	87,2	42 200	62,0
64,0	14,5	71,2	46 000	28,3	83,6	40 300	64,0
66,0				23,5	79,2	38 400	66,0
68,0				17,4	73,4	36 500*	68,0
70,0				6,7	62,7	34 100*	70,0

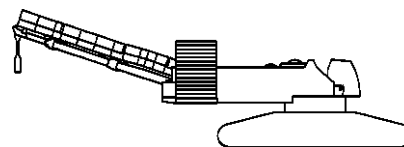
Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Maximum Operating Wind Speeds
 (all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib
 10 m/s with 51,8m thru 64,0m Luffing Jib
 7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With 21000 MAX-ER



54,9m (180 Ft.) Boom 64,0m (210 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
29,0	71,8	118,5	115 600				29,0
30,0	70,8	118,2	111 400				30,0
32,0	68,9	117,4	103 800				32,0
34,0	66,9	116,5	97 100				34,0
36,0	64,9	115,6	91 100				36,0
38,0	62,9	114,5	85 600				38,0
40,0	60,9	113,4	80 700	65,7	115,2	72 200	40,0
42,0	58,8	112,2	76 100	63,7	114,2	68 000	42,0
44,0	56,6	110,8	72 000	61,6	113,1	64 100	44,0
46,0	54,4	109,4	68 100	59,6	111,9	60 600	46,0
48,0	52,1	107,8	64 600	57,4	110,6	57 300	48,0
50,0	49,8	106,1	61 300	55,2	109,2	54 300	50,0
52,0	47,4	104,3	58 200	53,0	107,7	51 500	52,0
54,0	44,8	102,3	55 400	50,7	106,0	48 800	54,0
56,0	42,2	100,1	52 700	48,3	104,2	46 400	56,0
58,0	39,3	97,6	50 200	45,8	102,3	44 100	58,0
60,0	36,3	94,9	47 900	43,2	100,2	41 900	60,0
62,0	33,1	91,9	45 700	40,4	97,8	39 900	62,0
64,0	29,5	88,4	43 700	37,5	95,2	38 000	64,0
66,0	25,4	84,3	41 700	34,3	92,3	36 200	66,0
68,0	20,6	79,3	39 900	30,9	89,0	34 500	68,0
70,0	14,1	72,3	38 200	27,0	85,2	32 900	70,0
72,0				22,5	80,6	31 300*	72,0
74,0				16,8	74,6	29 400*	74,0
76,0				7,2	64,0	27 400*	76,0

54,9m (180 Ft.) Boom 70,1m (230 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
30,5	72,1	124,4	106 300				30,5
32,0	70,8	123,9	100 800				32,0
34,0	69,0	123,1	94 300				34,0
36,0	67,3	122,3	88 400				36,0
38,0	65,5	121,3	83 000				38,0
40,0	63,6	120,3	78 200				40,0
42,0	61,8	119,3	73 700	66,1	121,0	65 600	42,0
44,0	59,9	118,1	69 600	64,3	120,0	61 800	44,0
46,0	58,0	116,8	65 800	62,5	118,9	58 300	46,0
48,0	56,0	115,5	62 400	60,6	117,8	55 100	48,0
50,0	54,0	114,0	59 100	58,7	116,6	52 100	50,0
52,0	51,9	112,4	56 200	56,7	115,2	49 400	52,0
54,0	49,7	110,7	53 300	54,7	113,8	46 800	54,0
56,0	47,5	108,9	50 700	52,7	112,3	44 400	56,0
58,0	45,2	106,9	48 300	50,5	110,6	42 100	58,0
60,0	42,8	104,7	46 000	48,3	108,8	40 000	60,0
62,0	40,3	102,4	43 800	46,1	106,9	38 000	62,0
64,0	37,6	99,8	41 800	43,7	104,8	36 100	64,0
66,0	34,7	96,9	39 900	41,2	102,6	34 300	66,0
68,0	31,7	93,7	38 100	38,6	100,1	32 700	68,0
70,0	28,3	90,1	36 400	35,8	97,3	31 100	70,0
72,0	24,4	85,8	34 700	32,8	94,2	29 600	72,0
74,0	19,8	80,6	33 200	29,6	90,8	28 100	74,0
76,0	13,8	73,4	31 700	25,9	86,8	26 700	76,0
78,0				21,7	82,0	25 100*	78,0
80,0				16,3	75,7	23 600*	80,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

0 kg Hanging Counterweight

at 18m Position

360 Degree Rating

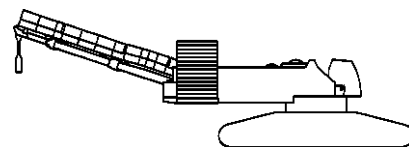
**Maximum Operating Wind Speeds
(all boom lengths)**

14 m/s with 27,4m thru 45,7m Luffing Jib

10 m/s with 51,8m thru 64,0m Luffing Jib

7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With 21000 MAX-ER



54,9m (180 Ft.) Boom 76,2m (250 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
32,0	72,4	130,4	97 500				32,0
34,0	70,8	129,7	91 100				34,0
36,0	69,2	128,9	85 400				36,0
38,0	67,6	128,1	80 100				38,0
40,0	65,9	127,2	75 400				40,0
42,0	64,2	126,2	71 000				42,0
44,0	62,5	125,1	67 000	66,5	126,8	59 000	44,0
46,0	60,8	124,0	63 300	64,9	125,8	55 600	46,0
48,0	59,1	122,8	59 900	63,2	124,8	52 500	48,0
50,0	57,3	121,5	56 700	61,5	123,7	49 600	50,0
52,0	55,4	120,1	53 800	59,7	122,5	46 900	52,0
54,0	53,6	118,6	51 000	57,9	121,2	44 400	54,0
56,0	51,6	117,0	48 400	56,1	119,9	42 000	56,0
58,0	49,7	115,3	46 000	54,3	118,4	39 800	58,0
60,0	47,6	113,5	43 700	52,4	116,9	37 700	60,0
62,0	45,5	111,5	41 600	50,4	115,2	35 700	62,0
64,0	43,3	109,4	39 600	48,4	113,5	33 800	64,0
66,0	41,0	107,1	37 700	46,3	111,5	32 100	66,0
68,0	38,6	104,6	35 900	44,2	109,5	30 500	68,0
70,0	36,1	101,9	34 200	41,9	107,2	28 900	70,0
72,0	33,4	98,9	32 600	39,5	104,8	27 400	72,0
74,0	30,4	95,5	31 100	37,1	102,2	26 000	74,0
76,0	27,2	91,7	29 600	34,4	99,3	24 700	76,0
78,0	23,6	87,3	28 300	31,6	96,1	23 400	78,0
80,0	19,2	81,9	27 000	28,5	92,5	22 100	80,0
84,0				20,9	83,3	19 300*	84,0
88,0				7,8	66,4	16 500*	88,0

54,9m (180 Ft.) Boom 82,3m (270 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
33,5	72,6	136,3	86 900*				33,5
34,0	72,3	136,1	86 400				34,0
36,0	70,8	135,4	83 000				36,0
38,0	69,3	134,7	77 600				38,0
40,0	67,8	133,8	72 900				40,0
42,0	66,3	132,9	68 600				42,0
44,0	64,7	132,0	64 700				44,0
46,0	63,2	131,0	61 100	66,9	132,6	53 400	46,0
48,0	61,6	129,9	57 700	65,3	131,6	50 300	48,0
50,0	60,0	128,7	54 600	63,8	130,6	47 400	50,0
52,0	58,3	127,5	51 700	62,2	129,6	44 800	52,0
54,0	56,7	126,1	48 900	60,6	128,4	42 300	54,0
56,0	55,0	124,7	46 400	59,0	127,2	39 900	56,0
58,0	53,2	123,2	44 000	57,3	125,9	37 800	58,0
60,0	51,4	121,6	41 800	55,6	124,5	35 700	60,0
62,0	49,6	119,9	39 700	53,9	123,1	33 800	62,0
64,0	47,7	118,1	37 700	52,1	121,5	32 000	64,0
66,0	45,8	116,2	35 900	50,3	119,8	30 300	66,0
68,0	43,8	114,1	34 100	48,4	118,1	28 600	68,0
70,0	41,7	111,8	32 400	46,5	116,2	27 100	70,0
72,0	39,5	109,4	30 800	44,5	114,1	25 600	72,0
74,0	37,2	106,8	29 300	42,5	111,9	24 200	74,0
76,0	34,8	103,9	27 900	40,3	109,6	22 900	76,0
78,0	32,2	100,8	26 500	38,1	107,0	21 600	78,0
80,0	29,4	97,3	25 200	35,7	104,3	20 400	80,0
84,0	22,8	88,7	22 800	30,4	97,9	18 200*	84,0
88,0	13,3	75,6	20 100*	24,2	89,8	15 600*	88,0
92,0				15,5	78,0	13 200*	92,0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

0 kg Hanging Counterweight

at 18m Position

360 Degree Rating

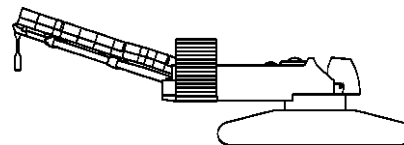
Maximum Operating Wind Speeds
(all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib

10 m/s with 51,8m thru 64,0m Luffing Jib

7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With 21000 MAX-ER



54,9m (180 Ft.) Boom 88,4m (290 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Meters	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	74 500
40,0	69,4	140,4	70 100
42,0	68,0	139,6	65 900
44,0	66,6	138,7	62 100
46,0	65,2	137,8	58 500
48,0	63,7	136,8	55 200
50,0	62,3	135,7	52 100
52,0	60,8	134,6	49 300
54,0	59,3	133,4	46 600
56,0	57,7	132,1	44 100
58,0	56,2	130,8	41 800
60,0	54,6	129,4	39 600
62,0	52,9	127,8	37 500
64,0	51,3	126,2	35 600
66,0	49,6	124,5	33 700
68,0	47,8	122,7	32 000
70,0	46,0	120,8	30 300
72,0	44,2	118,7	28 700
74,0	42,2	116,5	27 200
76,0	40,2	114,1	25 800
78,0	38,1	111,6	24 500
80,0	35,9	108,9	23 200
84,0	31,1	102,6	20 800
88,0	25,5	94,9	18 600
92,0	18,2	84,4	16 300*

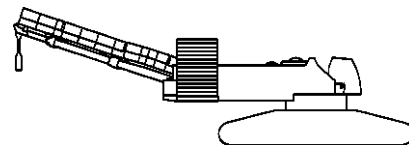
54,9m (180 Ft.) Boom 94,5m (310 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Meters	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	63 700
44,0	68,2	145,4	59 800
46,0	66,9	144,5	56 300
48,0	65,6	143,6	53 000
50,0	64,2	142,6	50 000
52,0	62,8	141,6	47 200
54,0	61,5	140,5	44 600
56,0	60,1	139,3	42 100
58,0	58,6	138,1	39 800
60,0	57,2	136,8	37 600
62,0	55,7	135,4	35 600
64,0	54,2	134,0	33 700
66,0	52,7	132,4	31 800
68,0	51,1	130,8	30 100
70,0	49,5	129,1	28 500
72,0	47,9	127,3	26 900
74,0	46,2	125,4	25 500
76,0	44,5	123,3	24 000
78,0	42,7	121,2	22 700
80,0	40,8	118,9	21 400
84,0	36,9	113,7	19 000
88,0	32,5	107,8	16 800
92,0	27,6	100,6	14 900
96,0	21,5	91,5	12 200*
100,0	12,9	77,8	9 700*

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 kg Hanging Counterweight
at 18m Position
360 Degree Rating

**18000 With
21000 MAX-ER**



Maximum Operating Wind Speeds
(all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib
10 m/s with 51,8m thru 64,0m Luffing Jib
7 m/s with 70,1m thru 94,5m Luffing Jib

61,0m (200 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	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	
15,2	73,3	90,3	259 400c							15,2
16,0	71,6	90,0	248 300c							16,0
18,0	67,1	89,2	221 600b							18,0
20,0	62,3	88,1	200 200b	67,4	89,0	193 100b				20,0
22,0	57,4	86,8	182 300	62,6	87,9	175 800b				22,0
24,0	52,0	85,2	167 200	57,7	86,7	161 100				24,0
26,0	46,2	83,2	154 200	52,4	85,1	148 600	65,7	87,8	135 000b	26,0
28,0	39,7	80,9	143 000	46,6	83,2	137 600	60,9	86,7	124 900b	28,0
30,0	32,0	77,8	132 200*	40,2	80,8	128 100	55,8	85,3	116 000	30,0
32,0	21,7	73,2	122 300*	32,6	77,8	119 200	50,4	83,6	108 200	32,0
34,0				22,5	73,4	110 700*	44,4	81,6	101 300	34,0
36,0							37,6	79,0	95 100	36,0
38,0							29,3	75,6	89 400	38,0

61,0m (200 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	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	
16,8	73,7	96,2	230 300b							16,8
18,0	71,5	95,8	215 700b							18,0
20,0	67,8	94,9	194 900b	71,7	95,6	188 000b				20,0
22,0	64,0	93,9	177 600b	68,0	94,8	171 100b				22,0
24,0	60,0	92,7	163 000	64,2	93,8	157 000				24,0
26,0	55,9	91,4	150 500	60,3	92,6	144 800				26,0
28,0	51,5	89,8	139 600	56,1	91,3	134 200	66,7	93,7	121 600b	28,0
30,0	46,8	87,9	130 000	51,8	89,7	125 000	62,8	92,6	113 000	30,0
32,0	41,6	85,6	121 500	47,1	87,8	116 800	58,8	91,4	105 400	32,0
34,0	35,9	82,9	114 000	42,0	85,6	109 500	54,6	89,9	98 700	34,0
36,0	29,0	79,4	106 600*	36,2	82,9	102 900	50,1	88,2	92 600	36,0
38,0	19,9	74,5	99 600*	29,5	79,5	96 900	45,3	86,2	87 200	38,0
40,0				20,6	74,7	90 800*	40,0	83,9	82 200	40,0
42,0							33,9	81,0	77 700	42,0
44,0							26,6	77,2	73 600	44,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

0 kg Hanging Counterweight

at 18m Position

360 Degree Rating

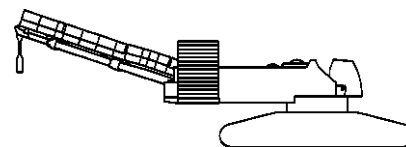
Maximum Operating Wind Speeds
(all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib

10 m/s with 51,8m thru 64,0m Luffing Jib

7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With
21000 MAX-ER



61,0m (200 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	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	
18,3	74,0	102,1	205 600*b							18,3
20,0	71,4	101,5	189 000b							20,0
22,0	68,3	100,7	172 400b	71,6	101,4	166 100b				22,0
24,0	65,1	99,8	158 300	68,5	100,6	152 200				24,0
26,0	61,8	98,7	146 100	65,3	99,6	140 500				26,0
28,0	58,4	97,4	135 500	62,0	98,6	130 200				28,0
30,0	54,8	96,0	126 200	58,6	97,3	121 200				30,0
32,0	51,1	94,4	117 900	55,0	95,9	113 200	64,1	98,4	101 800	32,0
34,0	47,1	92,5	110 600	51,3	94,3	106 100	60,8	97,3	95 200	34,0
36,0	42,9	90,3	104 000	47,4	92,4	99 700	57,3	96,0	89 400	36,0
38,0	38,2	87,8	98 100	43,2	90,3	93 900	53,7	94,5	84 000	38,0
40,0	33,0	84,8	92 700	38,5	87,8	88 700	49,9	92,8	79 200	40,0
42,0	26,8	81,0	87 600	33,3	84,8	83 900	45,9	90,9	74 800	42,0
44,0	18,5	75,7	82 500*	27,2	81,1	79 600	41,5	88,6	70 800	44,0
46,0				19,2	75,9	75 500*	36,7	86,0	67 100	46,0
48,0							31,3	82,8	63 700	48,0
50,0							24,6	78,6	60 600	50,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

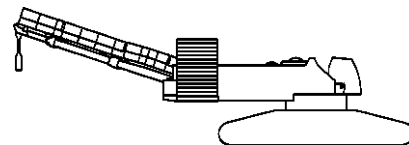
145 150 kg Carbody Counterweight

0 kg Hanging Counterweight

at 18m Position

360 Degree Rating

**18000 With
21000 MAX-ER**



**Maximum Operating Wind Speeds
(all boom lengths)**

14 m/s with 27,4m thru 45,7m Luffing Jib

10 m/s with 51,8m thru 64,0m Luffing Jib

7 m/s with 70,1m thru 94,5m Luffing Jib

61,0m (200 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	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	
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	168 800 b							22,0
24,0	68,6	106,5	154 100							24,0
26,0	65,9	105,6	142 300	68,8	106,3	136 700				26,0
28,0	63,0	104,5	132 000	66,0	105,4	126 700				28,0
30,0	60,1	103,4	122 900	63,2	104,4	118 000				30,0
32,0	57,1	102,1	114 900	60,3	103,3	110 200	67,8	105,2	98 800	32,0
34,0	54,0	100,6	107 700	57,3	102,0	103 200	65,0	104,3	92 400	34,0
36,0	50,8	98,9	101 200	54,2	100,5	97 000	62,2	103,2	86 700	36,0
38,0	47,4	97,1	95 400	51,0	98,9	91 300	59,3	102,0	81 500	38,0
40,0	43,8	95,0	90 200	47,6	97,0	86 200	56,2	100,6	76 800	40,0
42,0	39,9	92,6	85 400	44,0	95,0	81 600	53,1	99,1	72 500	42,0
44,0	35,6	89,9	80 900	40,1	92,6	77 300	49,8	97,4	68 600	44,0
46,0	30,8	86,6	76 900	35,9	89,9	73 400	46,3	95,5	65 000	46,0
48,0	25,1	82,5	73 200	31,1	86,6	69 800	42,6	93,3	61 600	48,0
50,0	17,6	76,8	69 600	25,5	82,6	66 500	38,6	90,8	58 600	50,0
52,0				18,1	77,1	63 400	34,2	87,9	55 700	52,0
54,0							29,2	84,5	53 000	54,0
56,0							23,1	80,0	50 500	56,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

0 kg Hanging Counterweight

at 18m Position

360 Degree Rating

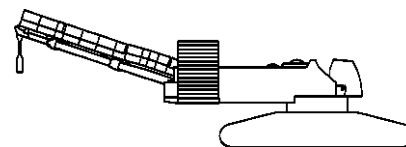
Maximum Operating Wind Speeds
(all boom lengths)

14 m/s with 27,4m thru 45,7m Luffing Jib

10 m/s with 51,8m thru 64,0m Luffing Jib

7 m/s with 70,1m thru 94,5m Luffing Jib

18000 With
21000 MAX-ER



61,0m (200 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	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	
21,3	74,4	113,9	154 000*b							21,3
22,0	73,6	113,7	152 400*b							22,0
24,0	71,3	113,1	147 300*							24,0
26,0	68,9	112,3	138 100	71,4	112,9	132 500				26,0
28,0	66,5	111,4	128 100	69,0	112,1	122 800				28,0
30,0	64,0	110,4	119 300	66,6	111,2	114 300				30,0
32,0	61,5	109,3	111 400	64,2	110,2	106 700				32,0
34,0	58,9	108,1	104 400	61,6	109,2	99 900				34,0
36,0	56,2	106,7	98 100	59,0	107,9	93 800	65,7	110,1	83 500	36,0
38,0	53,5	105,2	92 400	56,4	106,6	88 300	63,2	109,1	78 400	38,0
40,0	50,6	103,6	87 200	53,6	105,1	83 300	60,7	107,9	73 800	40,0
42,0	47,6	101,7	82 500	50,8	103,5	78 700	58,1	106,7	69 600	42,0
44,0	44,4	99,7	78 200	47,8	101,6	74 500	55,4	105,3	65 800	44,0
46,0	41,1	97,4	74 200	44,6	99,6	70 700	52,6	103,7	62 300	46,0
48,0	37,4	94,8	70 500	41,3	97,3	67 100	49,7	102,0	59 000	48,0
50,0	33,5	91,8	67 100	37,7	94,8	63 800	46,7	100,1	56 000	50,0
52,0	29,0	88,3	63 900	33,7	91,8	60 800	43,4	98,0	53 200	52,0
54,0	23,7	83,9	61 100	29,3	88,3	58 000	40,0	95,6	50 500	54,0
56,0	16,8	78,0	58 400	24,1	84,1	55 300	36,3	92,9	48 100	56,0
58,0				17,3	78,3	52 900	32,2	89,8	45 800	58,0
60,0							27,5	86,1	43 700	60,0
62,0							21,9	81,4	41 600	62,0
64,0							14,0	74,6	39 800	64,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

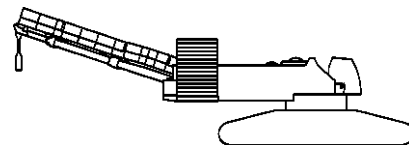
145 150 kg Carbody Counterweight

0 kg Hanging Counterweight

at 18m Position

360 Degree Rating

**18000 With
21000 MAX-ER**



**Maximum Operating Wind Speeds
(all boom lengths)**

14 m/s with 27,4m thru 45,7m Luffing Jib

10 m/s with 51,8m thru 64,0m Luffing Jib

7 m/s with 70,1m thru 94,5m Luffing Jib

61,0m (200 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	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	
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	123 500	71,4	118,7	119 500				28,0
30,0	66,9	117,2	116 300	69,2	117,9	111 100				30,0
32,0	64,7	116,2	108 400	67,1	117,0	103 700				32,0
34,0	62,5	115,2	101 600	64,9	116,1	97 100				34,0
36,0	60,2	114,0	95 400	62,7	115,0	91 100				36,0
38,0	57,9	112,7	89 800	60,4	113,9	85 800	66,3	115,9	75 800	38,0
40,0	55,5	111,3	84 800	58,0	112,6	80 800	64,1	114,9	71 400	40,0
42,0	53,0	109,8	80 100	55,6	111,2	76 300	61,8	113,8	67 200	42,0
44,0	50,4	108,2	75 800	53,1	109,7	72 200	59,5	112,6	63 500	44,0
46,0	47,7	106,3	71 900	50,6	108,1	68 500	57,2	111,3	60 000	46,0
48,0	44,9	104,3	68 300	47,9	106,2	65 000	54,7	109,9	56 800	48,0
50,0	42,0	102,1	65 000	45,1	104,2	61 700	52,2	108,3	53 800	50,0
52,0	38,8	99,6	61 900	42,2	102,1	58 700	49,6	106,6	51 100	52,0
54,0	35,4	96,8	58 900	39,0	99,6	55 900	46,9	104,7	48 600	54,0
56,0	31,7	93,7	56 300	35,7	96,8	53 300	44,1	102,7	46 200	56,0
58,0	27,5	89,9	53 700	32,0	93,7	50 800	41,1	100,4	43 900	58,0
60,0	22,6	85,3	51 400	27,8	90,0	48 600	37,8	97,8	41 800	60,0
62,0	16,2	79,2	49 200	22,9	85,5	46 400	34,4	94,9	39 800	62,0
64,0				16,6	79,4	44 400	30,5	91,6	38 000	64,0
66,0							26,1	87,7	36 200	66,0
68,0							20,9	82,7	34 500	68,0
70,0							13,6	75,6	33 000	70,0