

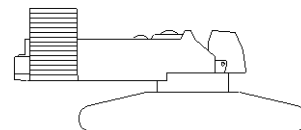
Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or
No. 55A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib



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.

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 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. A08237**, Wire Rope Specification chart **No. 8597-A or 8597-B**, Counterweight Arrangement chart **No. 8577-A** and Luffing Jib Raising Procedure chart **No. 8649-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 to ground and haul in boom hoist wire rope just enough to tension mast straps when wind is above 22 m/s for luffing jib lengths 27.4m thru 70.1m or above 18 m/s for luffing jib lengths 76.2m thru 94.5m. 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 Maximum Allowable Travel Specification chart **No. 8650-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.

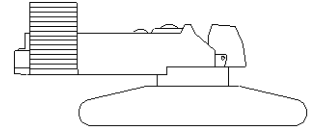
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7 m/s with 76.2m thru 94.5m Luffing Jib



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 11 811 mm crawlers, 1 524 mm treads, 9.1m live mast, 30.5m mast, 16 part boom hoist reeving, boom support straps, 24 part luffing jib hoist reeving, luffing jib and backstay support straps, 239 500 kg crane counterweight, 145 150 kg carbody 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	44 270 kg
In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.		

Boom and/or Jib Catwalks Deduct

Deduct 450 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. 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
16.8	72.3	77.8	234 600b			
18.0	69.5	77.3	218 800b			
20.0	64.9	76.3	196 500b			
22.0	60.0	75.2	177 900			
24.0	54.9	73.7	161 200*			
26.0	49.4	72.0	147 200*	60.6	74.6	139 100
28.0	43.3	69.9	135 100*	55.5	73.2	127 700*
30.0	36.3	67.2	124 600*	50.0	71.5	117 900*
32.0	27.7	63.6	115 300*	44.0	69.4	109 200*
34.0				37.2	66.8	101 500*
36.0				28.8	63.4	94 600*
38.0				16.2	57.7	88 100*

48.8m (160 Ft.) Boom 33.5m (110 Ft.) 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	72.9	83.7	208 900b			
20.0	69.8	83.1	191 100b			
22.0	66.0	82.2	173 500b			
24.0	62.1	81.1	158 700			
26.0	58.1	79.8	146 100	66.4	81.6	135 500
28.0	53.8	78.3	134 900	62.6	80.5	125 200
30.0	49.3	76.6	124 500*	58.5	79.3	116 100
32.0	44.4	74.5	115 500*	54.3	77.8	108 200
34.0	39.0	72.1	107 400*	49.8	76.1	101 100
36.0	32.8	69.1	100 200*	45.0	74.1	94 500*
38.0	25.2	65.0	93 700*	39.7	71.7	88 400*
40.0				33.6	68.8	82 900*
42.0				26.1	64.9	77 900*
44.0				15.1	58.8	73 100*

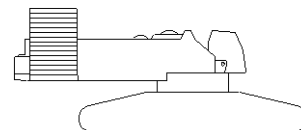
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239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib



48.8m (160 Ft.) Boom 39.6m (130 Ft.) 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
21.3	71.0	89.1	173 500b			
22.0	69.9	88.8	168 400b			
24.0	66.8	87.9	153 900			
26.0	63.5	86.9	141 700			
28.0	60.2	85.8	131 100			
30.0	56.7	84.4	121 700	63.9	86.4	112 400
32.0	53.1	82.9	113 500	60.6	85.2	104 700
34.0	49.3	81.2	106 300	57.1	83.9	97 800
36.0	45.2	79.2	99 500	53.5	82.4	91 600
38.0	40.8	76.9	93 100*	49.7	80.7	86 100
40.0	35.9	74.1	87 400*	45.6	78.7	81 100
42.0	30.2	70.8	82 100*	41.3	76.5	76 600
44.0	23.3	66.4	77 300*	36.4	73.8	72 400
46.0				30.9	70.5	68 500*
48.0				24.2	66.3	64 700*
50.0				14.4	59.8	60 800

48.8m (160 Ft.) Boom 45.7m (150 Ft.) 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
22.9	71.6	95.0	157 400			
24.0	70.1	94.6	149 900			
26.0	67.3	93.7	137 900			
28.0	64.6	92.8	127 600			
30.0	61.7	91.7	118 500			
32.0	58.8	90.4	110 600	64.9	92.2	101 700
34.0	55.7	89.1	103 400	62.0	91.1	95 000
36.0	52.5	87.5	97 000	59.1	89.9	89 000
38.0	49.2	85.8	91 300	56.0	88.6	83 600
40.0	45.7	83.8	86 100	52.9	87.0	78 700
42.0	42.0	81.6	81 300	49.6	85.3	74 300
44.0	37.9	79.1	77 000	46.1	83.4	70 200
46.0	33.4	76.1	72 700*	42.4	81.2	66 500
48.0	28.2	72.5	68 700*	38.4	78.7	63 000
50.0	21.9	67.8	65 000*	33.9	75.8	59 900
52.0				28.9	72.2	56 900
54.0				22.7	67.7	53 800
56.0				13.8	60.9	50 500

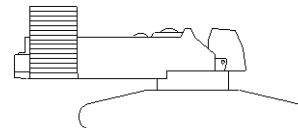
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 (all boom lengths)

14 m/s with 27.4m thru 45.7m Luffing Jib
 10 m/s with 51.8m thru 70.1m Luffing Jib
 7 m/s with 76.2m thru 94.5m Luffing Jib



48.8m (160 Ft.) Boom 51.8m (170 Ft.) 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	142 900			
26.0	70.2	100.3	133 700			
28.0	67.8	99.5	123 700			
30.0	65.3	98.6	114 900			
32.0	62.8	97.5	107 100			
34.0	60.3	96.4	100 100	65.6	98.0	91 700
36.0	57.6	95.1	93 900	63.1	97.0	85 800
38.0	54.9	93.7	88 300	60.6	95.8	80 600
40.0	52.1	92.1	83 200	57.9	94.6	75 800
42.0	49.2	90.4	78 500	55.2	93.2	71 400
44.0	46.1	88.4	74 200	52.4	91.6	67 500
46.0	42.9	86.3	70 400	49.5	89.9	63 800
48.0	39.4	83.9	66 800	46.5	88.0	60 400
50.0	35.6	81.1	63 400	43.2	85.9	57 300
52.0	31.4	77.9	60 400	39.8	83.5	54 400
54.0	26.6	74.0	57 500	36.1	80.8	51 700
56.0	20.8	69.1	54 500	31.9	77.6	49 200
58.0				27.2	73.8	46 900
60.0				21.5	69.1	44 400
62.0				13.4	62.0	41 800

48.8m (160 Ft.) Boom 57.9m (190 Ft.) 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	130 500			
26.0	72.3	106.8	130 000			
28.0	70.2	106.1	120 300			
30.0	68.1	105.3	111 700			
32.0	65.9	104.4	104 100			
34.0	63.7	103.4	97 300			
36.0	61.4	102.3	91 200	66.2	103.8	83 200
38.0	59.1	101.1	85 700	64.0	102.8	78 000
40.0	56.8	99.7	80 700	61.7	101.7	73 400
42.0	54.3	98.3	76 200	59.4	100.5	69 100
44.0	51.8	96.7	72 000	57.0	99.2	65 200
46.0	49.2	95.0	68 200	54.6	97.8	61 600
48.0	46.4	93.1	64 600	52.1	96.2	58 300
50.0	43.6	91.0	61 300	49.5	94.5	55 300
52.0	40.5	88.6	58 300	46.7	92.6	52 400
54.0	37.3	86.0	55 500	43.9	90.5	49 800
56.0	33.7	83.1	52 800	40.9	88.2	47 300
58.0	29.8	79.6	50 400	37.6	85.7	45 000
60.0	25.3	75.6	48 100	34.1	82.7	42 800
62.0	19.8	70.4	45 700	30.3	79.4	40 800
64.0	11.9	62.6	43 100	25.9	75.4	38 900
66.0				20.5	70.4	36 900
68.0				13.0	63.1	34 700

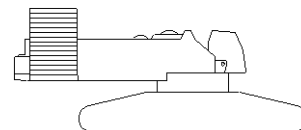
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48.8m (160 Ft.) Boom 64.0m (210 Ft.) Luffing Jib

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
27.4	72.7	112.8	119 100			
28.0	72.2	112.6	116 600			
30.0	70.3	111.9	108 200			
32.0	68.4	111.1	100 800			
34.0	66.4	110.2	94 100			
36.0	64.4	109.2	88 200			
38.0	62.4	108.2	82 800			
40.0	60.3	107.0	77 900	64.6	108.7	70 400
42.0	58.2	105.7	73 400	62.6	107.6	66 300
44.0	56.0	104.4	69 300	60.5	106.5	62 400
46.0	53.8	102.9	65 600	58.4	105.2	58 900
48.0	51.5	101.3	62 100	56.3	103.9	55 700
50.0	49.2	99.6	58 900	54.1	102.4	52 700
52.0	46.7	97.7	55 900	51.8	100.8	50 000
54.0	44.1	95.6	53 100	49.4	99.1	47 300
56.0	41.4	93.4	50 500	47.0	97.2	44 900
58.0	38.6	90.9	48 100	44.4	95.2	42 700
60.0	35.5	88.1	45 800	41.7	92.9	40 500
62.0	32.2	84.9	43 600	38.9	90.5	38 500
64.0	28.5	81.3	41 600	35.8	87.7	36 700
66.0	24.2	77.1	39 700	32.5	84.6	34 900
68.0	19.1	71.7	37 800	28.9	81.1	33 200
70.0	11.7	63.7	35 700	24.7	76.9	31 600
72.0				19.7	71.7	30 100
74.0				12.8	64.2	28 400

48.8m (160 Ft.) Boom 70.1m (230 Ft.) 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
29.0	73.0	118.7	109 100			
30.0	72.1	118.4	105 100			
32.0	70.3	117.6	97 800			
34.0	68.6	116.8	91 300			
36.0	66.8	116.0	85 500			
38.0	65.0	115.0	80 300			
40.0	63.2	114.0	75 500	67.0	115.4	68 000
42.0	61.3	112.9	71 100	65.2	114.5	63 900
44.0	59.4	111.7	67 000	63.4	113.4	60 200
46.0	57.4	110.4	63 400	61.5	112.3	56 700
48.0	55.4	109.0	59 900	59.6	111.2	53 600
50.0	53.4	107.5	56 800	57.7	109.9	50 600
52.0	51.3	105.9	53 800	55.7	108.5	47 900
54.0	49.1	104.2	51 100	53.6	107.0	45 300
56.0	46.9	102.3	48 500	51.5	105.4	42 900
58.0	44.6	100.3	46 100	49.4	103.7	40 700
60.0	42.1	98.1	43 900	47.2	101.8	38 600
62.0	39.6	95.6	41 800	44.8	99.8	36 700
64.0	36.9	93.0	39 800	42.4	97.6	34 800
66.0	34.0	90.1	37 900	39.9	95.2	33 100
68.0	30.8	86.7	36 100	37.2	92.6	31 400
70.0	27.3	83.0	34 500	34.3	89.7	29 800
72.0	23.3	78.5	32 900	31.2	86.5	28 300
74.0	18.4	72.9	31 400	27.7	82.7	26 900
76.0	11.6	64.8	29 700	23.8	78.4	25 600
78.0				19.0	72.9	24 200*
80.0				12.5	65.2	22 600*

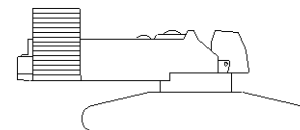
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48.8m (160 Ft.) Boom 76.2m (250 Ft.) Luffing Jib

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	94 500			
34.0	70.4	123.4	88 200			
36.0	68.8	122.6	82 500			
38.0	67.1	121.7	77 400			
40.0	65.5	120.8	72 700			
42.0	63.8	119.8	68 400			
44.0	62.1	118.8	64 500	65.7	120.3	57 500
46.0	60.4	117.6	60 800	64.0	119.3	54 200
48.0	58.6	116.4	57 500	62.3	118.2	51 000
50.0	56.8	115.1	54 400	60.5	117.1	48 100
52.0	54.9	113.7	51 400	58.8	115.8	45 400
54.0	53.1	112.1	48 800	57.0	114.5	43 000
56.0	51.1	110.5	46 200	55.1	113.1	40 600
58.0	49.1	108.8	43 900	53.3	111.6	38 400
60.0	47.1	106.9	41 700	51.3	110.0	36 400
62.0	44.9	104.9	39 600	49.4	108.3	34 400
64.0	42.7	102.7	37 600	47.3	106.5	32 600
66.0	40.4	100.4	35 800	45.2	104.5	30 900
68.0	38.0	97.8	34 000	43.0	102.3	29 300
70.0	35.4	95.1	32 400	40.7	100.0	27 700
72.0	32.6	92.0	30 800	38.2	97.5	26 200
74.0	29.6	88.5	29 300	35.7	94.7	24 900
76.0	26.3	84.5	27 900	32.9	91.7	23 500
78.0	22.5	79.9	26 500	30.0	88.2	22 300
80.0	17.9	74.1	25 200	26.7	84.3	21 100
84.0				18.4	74.2	18 600*

48.8m (160 Ft.) Boom 82.3m (270 Ft.) 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	86 900			
34.0	71.9	129.9	85 500			
36.0	70.4	129.1	79 900			
38.0	68.9	128.4	74 900			
40.0	67.4	127.5	70 300			
42.0	65.9	126.6	66 100			
44.0	64.3	125.7	62 200			
46.0	62.8	124.6	58 600	66.0	126.1	51 900
48.0	61.2	123.5	55 300	64.5	125.1	48 900
50.0	59.6	122.3	52 300	62.9	124.1	46 000
52.0	57.9	121.1	49 400	61.3	123.0	43 400
54.0	56.2	119.7	46 800	59.7	121.8	40 900
56.0	54.5	118.3	44 300	58.1	120.5	38 600
58.0	52.8	116.7	41 900	56.4	119.2	36 500
60.0	51.0	115.1	39 800	54.7	117.8	34 500
62.0	49.1	113.4	37 700	53.0	116.2	32 500
64.0	47.2	111.5	35 800	51.2	114.6	30 800
66.0	45.3	109.5	34 000	49.3	112.9	29 000
68.0	43.2	107.4	32 200	47.4	111.1	27 400
70.0	41.1	105.1	30 600	45.5	109.1	25 900
72.0	38.9	102.7	29 000	43.5	107.0	24 500
74.0	36.6	100.0	27 600	41.3	104.7	23 100
76.0	34.1	97.0	26 100	39.1	102.3	21 800
78.0	31.5	93.8	24 800	36.8	99.6	20 600
80.0	28.6	90.2	23 500	34.4	96.7	19 400
84.0	21.8	81.3	21 200	28.9	89.9	17 100
88.0	11.4	66.9	18 600*	22.2	81.2	14 900*
92.0				12.2	67.4	12 500*

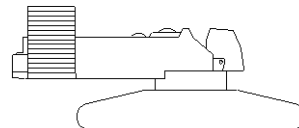
Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or
No. 55A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib



48.8m (160 Ft.) Boom 88.4m (290 Ft.) 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	79 600			
36.0	71.8	135.6	77 100			
38.0	70.4	134.9	72 100			
40.0	69.1	134.1	67 600			
42.0	67.6	133.3	63 500			
44.0	66.2	132.4	59 600			
46.0	64.8	131.5	56 100			
48.0	63.3	130.4	52 900	66.4	131.9	46 400
50.0	61.9	129.4	49 900	65.0	130.9	43 600
52.0	60.4	128.2	47 100	63.5	129.9	40 900
54.0	58.9	127.0	44 500	62.0	128.8	38 500
56.0	57.3	125.7	42 000	60.5	127.7	36 300
58.0	55.7	124.3	39 700	59.0	126.5	34 200
60.0	54.1	122.9	37 600	57.5	125.2	32 200
62.0	52.5	121.3	35 600	55.9	123.8	30 300
64.0	50.8	119.7	33 700	54.3	122.4	28 500
66.0	49.1	118.0	31 800	52.7	120.9	26 900
68.0	47.3	116.1	30 100	51.0	119.2	25 300
70.0	45.5	114.2	28 500	49.3	117.5	23 800
72.0	43.7	112.1	27 000	47.5	115.7	22 400
74.0	41.7	109.8	25 500	45.7	113.7	21 000
76.0	39.7	107.4	24 100	43.9	111.6	19 700
78.0	37.6	104.8	22 800	41.9	109.4	18 500
80.0	35.3	102.0	21 500	39.9	107.0	17 300
84.0	30.4	95.6	19 200	35.6	101.7	15 100
88.0	24.6	87.6	17 000	30.7	95.3	13 200
92.0	17.0	76.5	14 800*	25.0	87.4	11 100*
96.0				17.5	76.6	9 000*

48.8m (160 Ft.) Boom 94.5m (310 Ft.) 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	69 300*
38.0	71.8	141.4	69 100*
40.0	70.5	140.7	65 200
42.0	69.2	139.9	61 100
44.0	67.9	139.1	57 400
46.0	66.5	138.2	54 000
48.0	65.2	137.3	50 800
50.0	63.8	136.3	47 800
52.0	62.5	135.2	45 100
54.0	61.1	134.1	42 500
56.0	59.7	132.9	40 000
58.0	58.2	131.7	37 800
60.0	56.8	130.4	35 700
62.0	55.3	129.0	33 700
64.0	53.8	127.5	31 800
66.0	52.3	125.9	30 000
68.0	50.7	124.3	28 300
70.0	49.1	122.6	26 700
72.0	47.5	120.7	25 200
74.0	45.8	118.8	23 800
76.0	44.0	116.7	22 400
78.0	42.2	114.5	21 100
80.0	40.3	112.2	19 800
84.0	36.4	106.9	17 500
88.0	31.9	100.8	15 400
92.0	26.8	93.5	13 400
96.0	20.6	84.0	11 400*
100.0	11.2	69.0	9 200*

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or

No. 55A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

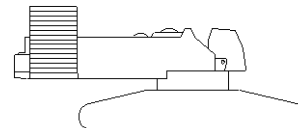
360 Degree Rating

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 70.1m Luffing Jib

7 m/s with 76.2m thru 94.5m Luffing Jib



54.9m (180 Ft.) Boom

27.4m (90 Ft.) 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	207 000b			
20.0	66.1	82.7	189 300b			
22.0	61.4	81.6	172 000b			
24.0	56.3	80.2	157 400			
26.0	50.9	78.6	144 900	63.2	81.3	132 800b
28.0	45.0	76.5	133 900	58.2	80.0	122 700
30.0	38.3	74.0	123 600*	53.0	78.5	113 800
32.0	30.2	70.7	114 400*	47.3	76.6	106 100
34.0				40.9	74.3	99 200
36.0				33.5	71.4	92 800
38.0				23.8	67.2	86 700*

54.9m (180 Ft.) Boom

33.5m (110 Ft.) 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	185 900b			
20.0	70.8	89.4	184 200b			
22.0	67.0	88.5	167 400b			
24.0	63.2	87.4	153 300			
26.0	59.2	86.2	141 300			
28.0	55.0	84.8	130 700	64.6	87.1	119 500
30.0	50.5	83.1	121 600	60.7	86.0	110 900
32.0	45.8	81.2	113 500	56.6	84.6	103 300
34.0	40.5	78.9	106 200	52.2	83.1	96 600
36.0	34.6	76.0	99 400*	47.6	81.2	90 600
38.0	27.4	72.3	92 900*	42.5	79.0	85 200
40.0				36.9	76.4	80 300
42.0				30.3	73.1	75 800
44.0				21.7	68.5	71 700

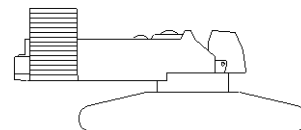
Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or
No. 55A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib



54.9m (180 Ft.) Boom 39.6m (130 Ft.) 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
21.3	71.8	95.4	167 300b			
22.0	70.8	95.1	162 500b			
24.0	67.6	94.3	148 700			
26.0	64.4	93.3	136 900			
28.0	61.1	92.2	126 800			
30.0	57.7	90.9	117 800	65.6	92.9	107 200
32.0	54.1	89.4	110 000	62.3	91.9	99 800
34.0	50.3	87.7	102 900	59.0	90.6	93 300
36.0	46.3	85.8	96 600	55.4	89.2	87 400
38.0	42.0	83.6	90 900	51.7	87.7	82 200
40.0	37.2	81.0	85 800	47.8	85.8	77 400
42.0	31.8	77.8	81 200	43.6	83.7	73 000
44.0	25.3	73.8	76 700	39.1	81.3	69 000
46.0				33.9	78.4	65 400
48.0				27.9	74.7	62 000
50.0				20.2	69.8	58 900

54.9m (180 Ft.) Boom 45.7m (150 Ft.) 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
22.9	72.3	101.3	151 900			
24.0	70.8	100.9	144 700			
26.0	68.1	100.1	133 300			
28.0	65.3	99.1	123 400			
30.0	62.5	98.1	114 700			
32.0	59.5	96.8	107 000	66.3	98.7	96 800
34.0	56.5	95.5	100 100	63.5	97.7	90 500
36.0	53.4	94.0	94 000	60.6	96.6	84 800
38.0	50.1	92.3	88 400	57.7	95.3	79 700
40.0	46.7	90.4	83 400	54.6	93.9	75 000
42.0	43.0	88.3	78 800	51.4	92.2	70 800
44.0	39.0	85.8	74 600	48.0	90.4	66 900
46.0	34.7	83.0	70 800	44.4	88.4	63 300
48.0	29.7	79.6	67 200	40.6	86.1	60 000
50.0	23.8	75.3	64 000	36.4	83.4	56 900
52.0				31.6	80.2	54 100
54.0				26.1	76.3	51 500
56.0				19.1	71.0	49 100

REFERENCE

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or

No. 55A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

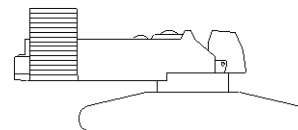
360 Degree Rating

**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 70.1m Luffing Jib

7 m/s with 76.2m thru 94.5m Luffing Jib



54.9m (180 Ft.) Boom

51.8m (170 Ft.) 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	137 800			
26.0	70.8	106.6	129 100			
28.0	68.4	105.8	119 500			
30.0	66.0	104.9	111 100			
32.0	63.5	103.9	103 600			
34.0	61.0	102.8	96 900	66.9	104.5	87 200
36.0	58.3	101.5	90 900	64.4	103.6	81 600
38.0	55.7	100.1	85 400	61.9	102.5	76 600
40.0	52.9	98.6	80 500	59.3	101.3	72 100
42.0	50.0	96.9	76 000	56.7	99.9	67 900
44.0	47.0	95.1	71 900	53.9	98.5	64 100
46.0	43.8	93.0	68 100	51.1	96.8	60 600
48.0	40.4	90.6	64 600	48.1	95.0	57 400
50.0	36.7	87.9	61 400	45.0	93.0	54 400
52.0	32.6	84.9	58 400	41.7	90.8	51 600
54.0	28.0	81.2	55 600	38.1	88.2	49 100
56.0	22.5	76.6	53 100	34.2	85.3	46 700
58.0				29.8	81.9	44 400
60.0				24.7	77.8	42 300
62.0				18.2	72.2	40 300
64.0				5.9	61.3	38 200

54.9m (180 Ft.) Boom

57.9m (190 Ft.) 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	125 900			
26.0	72.9	113.1	125 500			
28.0	70.8	112.4	116 100			
30.0	68.7	111.6	107 900			
32.0	66.5	110.7	100 600			
34.0	64.3	109.7	94 100			
36.0	62.1	108.7	88 200			
38.0	59.8	107.5	82 900	65.1	109.4	74 100
40.0	57.4	106.2	78 100	62.9	108.3	69 600
42.0	55.0	104.8	73 700	60.6	107.2	65 600
44.0	52.5	103.2	69 600	58.3	105.9	61 900
46.0	49.9	101.5	65 900	55.9	104.6	58 500
48.0	47.2	99.7	62 500	53.4	103.1	55 300
50.0	44.3	97.6	59 300	50.9	101.4	52 300
52.0	41.4	95.3	56 400	48.2	99.7	49 600
54.0	38.2	92.8	53 600	45.4	97.7	47 100
56.0	34.7	90.0	51 100	42.5	95.5	44 700
58.0	30.9	86.7	48 700	39.4	93.1	42 500
60.0	26.6	82.8	46 400	36.0	90.3	40 400
62.0	21.4	78.0	44 300	32.4	87.2	38 500
64.0	14.5	71.2	42 400	28.3	83.6	36 700
66.0				23.5	79.2	34 900
68.0				17.4	73.4	33 300
70.0				6.7	62.7	31 700

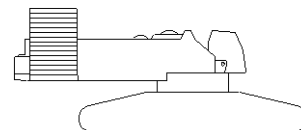
Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or
No. 55A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib



54.9m (180 Ft.) Boom 64.0m (210 Ft.) 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
29.0	71.8	118.5	108 400			
30.0	70.8	118.2	104 500			
32.0	68.9	117.4	97 300			
34.0	66.9	116.5	90 900			
36.0	64.9	115.6	85 200			
38.0	62.9	114.5	80 000			
40.0	60.9	113.4	75 300	65.7	115.2	66 700
42.0	58.8	112.2	71 000	63.7	114.2	62 800
44.0	56.6	110.8	67 000	61.6	113.1	59 100
46.0	54.4	109.4	63 400	59.6	111.9	55 800
48.0	52.1	107.8	60 000	57.4	110.6	52 700
50.0	49.8	106.1	56 900	55.2	109.2	49 800
52.0	47.4	104.3	53 900	53.0	107.7	47 200
54.0	44.8	102.3	51 300	50.7	106.0	44 600
56.0	42.2	100.1	48 700	48.3	104.2	42 300
58.0	39.3	97.6	46 400	45.8	102.3	40 200
60.0	36.3	94.9	44 200	43.2	100.2	38 100
62.0	33.1	91.9	42 100	40.4	97.8	36 200
64.0	29.5	88.4	40 100	37.5	95.2	34 400
66.0	25.4	84.3	38 300	34.3	92.3	32 700
68.0	20.6	79.3	36 600	30.9	89.0	31 100
70.0	14.1	72.3	34 900	27.0	85.2	29 600
72.0				22.5	80.6	28 100
74.0				16.8	74.6	26 700
76.0				7.2	64.0	25 200

54.9m (180 Ft.) Boom 70.1m (230 Ft.) 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
30.5	72.1	124.4	99 600			
32.0	70.8	123.9	94 400			
34.0	69.0	123.1	88 200			
36.0	67.3	122.3	82 600			
38.0	65.5	121.3	77 500			
40.0	63.6	120.3	72 900			
42.0	61.8	119.3	68 600	66.1	121.0	60 400
44.0	59.9	118.1	64 700	64.3	120.0	56 800
46.0	58.0	116.8	61 200	62.5	118.9	53 600
48.0	56.0	115.5	57 800	60.6	117.8	50 500
50.0	54.0	114.0	54 800	58.7	116.6	47 700
52.0	51.9	112.4	51 900	56.7	115.2	45 100
54.0	49.7	110.7	49 300	54.7	113.8	42 700
56.0	47.5	108.9	46 800	52.7	112.3	40 400
58.0	45.2	106.9	44 400	50.5	110.6	38 200
60.0	42.8	104.7	42 300	48.3	108.8	36 200
62.0	40.3	102.4	40 200	46.1	106.9	34 400
64.0	37.6	99.8	38 300	43.7	104.8	32 600
66.0	34.7	96.9	36 400	41.2	102.6	30 900
68.0	31.7	93.7	34 700	38.6	100.1	29 300
70.0	28.3	90.1	33 100	35.8	97.3	27 800
72.0	24.4	85.8	31 600	32.8	94.2	26 400
74.0	19.8	80.6	30 100	29.6	90.8	25 000
76.0	13.8	73.4	28 700	25.9	86.8	23 700
78.0				21.7	82.0	22 500
80.0				16.3	75.7	21 300

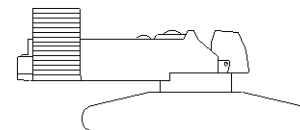
Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or
 No. 55A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 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 70.1m Luffing Jib
 7 m/s with 76.2m thru 94.5m Luffing Jib



54.9m (180 Ft.) Boom 76.2m (250 Ft.) 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	91 100			
34.0	70.8	129.7	85 100			
36.0	69.2	128.9	79 600			
38.0	67.6	128.1	74 600			
40.0	65.9	127.2	70 100			
42.0	64.2	126.2	65 900			
44.0	62.5	125.1	62 100	66.5	126.8	54 200
46.0	60.8	124.0	58 600	64.9	125.8	51 000
48.0	59.1	122.8	55 400	63.2	124.8	48 000
50.0	57.3	121.5	52 400	61.5	123.7	45 200
52.0	55.4	120.1	49 500	59.7	122.5	42 600
54.0	53.6	118.6	46 900	57.9	121.2	40 200
56.0	51.6	117.0	44 500	56.1	119.9	38 000
58.0	49.7	115.3	42 200	54.3	118.4	35 900
60.0	47.6	113.5	40 000	52.4	116.9	33 900
62.0	45.5	111.5	38 000	50.4	115.2	32 100
64.0	43.3	109.4	36 100	48.4	113.5	30 300
66.0	41.0	107.1	34 300	46.3	111.5	28 700
68.0	38.6	104.6	32 600	44.2	109.5	27 100
70.0	36.1	101.9	31 000	41.9	107.2	25 700
72.0	33.4	98.9	29 500	39.5	104.8	24 200
74.0	30.4	95.5	28 000	37.1	102.2	22 900
76.0	27.2	91.7	26 600	34.4	99.3	21 600
78.0	23.6	87.3	25 300	31.6	96.1	20 400
80.0	19.2	81.9	24 100	28.5	92.5	19 300
84.0				20.9	83.3	17 100
88.0				7.8	66.4	14 600*

54.9m (180 Ft.) Boom 82.3m (270 Ft.) 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	83 700			
34.0	72.3	136.1	82 400			
36.0	70.8	135.4	77 000			
38.0	69.3	134.7	72 100			
40.0	67.8	133.8	67 700			
42.0	66.3	132.9	63 600			
44.0	64.7	132.0	59 900			
46.0	63.2	131.0	56 400	66.9	132.6	48 700
48.0	61.6	129.9	53 200	65.3	131.6	45 800
50.0	60.0	128.7	50 300	63.8	130.6	43 100
52.0	58.3	127.5	47 500	62.2	129.6	40 600
54.0	56.7	126.1	44 900	60.6	128.4	38 200
56.0	55.0	124.7	42 500	59.0	127.2	36 000
58.0	53.2	123.2	40 300	57.3	125.9	34 000
60.0	51.4	121.6	38 200	55.6	124.5	32 000
62.0	49.6	119.9	36 200	53.9	123.1	30 200
64.0	47.7	118.1	34 200	52.1	121.5	28 500
66.0	45.8	116.2	32 500	50.3	119.8	26 800
68.0	43.8	114.1	30 800	48.4	118.1	25 300
70.0	41.7	111.8	29 200	46.5	116.2	23 800
72.0	39.5	109.4	27 700	44.5	114.1	22 500
74.0	37.2	106.8	26 300	42.5	111.9	21 200
76.0	34.8	103.9	24 900	40.3	109.6	19 900
78.0	32.2	100.8	23 600	38.1	107.0	18 700
80.0	29.4	97.3	22 400	35.7	104.3	17 600
84.0	22.8	88.7	20 000	30.4	97.9	15 400
88.0	13.3	75.6	17 900	24.2	89.8	13 500
92.0				15.5	78.0	11 500*

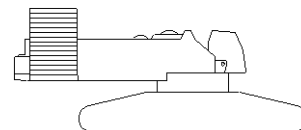
Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or
No. 55A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib



54.9m (180 Ft.) Boom 88.4m (290 Ft.) 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	73 700
38.0	70.8	141.2	69 400
40.0	69.4	140.4	65 000
42.0	68.0	139.6	61 000
44.0	66.6	138.7	57 300
46.0	65.2	137.8	53 900
48.0	63.7	136.8	50 800
50.0	62.3	135.7	47 900
52.0	60.8	134.6	45 200
54.0	59.3	133.4	42 600
56.0	57.7	132.1	40 300
58.0	56.2	130.8	38 000
60.0	54.6	129.4	35 900
62.0	52.9	127.8	34 000
64.0	51.3	126.2	32 100
66.0	49.6	124.5	30 400
68.0	47.8	122.7	28 700
70.0	46.0	120.8	27 200
72.0	44.2	118.7	25 700
74.0	42.2	116.5	24 200
76.0	40.2	114.1	22 900
78.0	38.1	111.6	21 600
80.0	35.9	108.9	20 400
84.0	31.1	102.6	18 100
88.0	25.5	94.9	16 000
92.0	18.2	84.4	14 000

54.9m (180 Ft.) Boom 94.5m (310 Ft.) 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	65 100*
40.0	70.8	146.9	62 700
42.0	69.5	146.2	58 700
44.0	68.2	145.4	55 100
46.0	66.9	144.5	51 800
48.0	65.6	143.6	48 700
50.0	64.2	142.6	45 800
52.0	62.8	141.6	43 100
54.0	61.5	140.5	40 600
56.0	60.1	139.3	38 300
58.0	58.6	138.1	36 100
60.0	57.2	136.8	34 000
62.0	55.7	135.4	32 100
64.0	54.2	134.0	30 300
66.0	52.7	132.4	28 500
68.0	51.1	130.8	26 900
70.0	49.5	129.1	25 300
72.0	47.9	127.3	23 900
74.0	46.2	125.4	22 500
76.0	44.5	123.3	21 100
78.0	42.7	121.2	19 900
80.0	40.8	118.9	18 600
84.0	36.9	113.7	16 400
88.0	32.5	107.8	14 300
92.0	27.6	100.6	12 400
96.0	21.5	91.5	10 600
100.0	12.9	77.8	8 800*

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or

No. 55A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

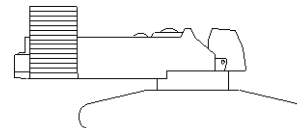
360 Degree Rating

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 70.1m Luffing Jib

7 m/s with 76.2m thru 94.5m Luffing Jib



61.0m (200 Ft.) Boom, 27.4m (90 Ft.) 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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.3	90.3	245 800c							15.2
16.0	71.6	90.0	235 300c							16.0
18.0	67.1	89.2	209 800b							18.0
20.0	62.3	88.1	189 500b	67.4	89.0	182 400b				20.0
22.0	57.4	86.8	172 500	62.6	87.9	166 000b				22.0
24.0	52.0	85.2	158 100	57.7	86.7	152 000				24.0
26.0	46.2	83.2	145 700	52.4	85.1	140 100	65.7	87.8	126 700b	26.0
28.0	39.7	80.9	135 100	46.6	83.2	129 700	60.9	86.7	117 100b	28.0
30.0	32.0	77.8	125 800	40.2	80.8	120 600	55.8	85.3	108 700	30.0
32.0	21.7	73.2	116 500*	32.6	77.8	112 700	50.4	83.6	101 300	32.0
34.0				22.5	73.4	105 400*	44.4	81.6	94 800	34.0
36.0							37.6	79.0	88 900	36.0
38.0							29.3	75.6	83 500	38.0

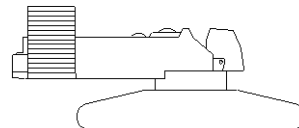
Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or
No. 55A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib



61.0m (200 Ft.) Boom, 33.5m (110 Ft.) 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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	73.7	96.2	218 100b							16.8
18.0	71.5	95.8	204 200b							18.0
20.0	67.8	94.9	184 400b	71.7	95.6	177 500b				20.0
22.0	64.0	93.9	168 000b	68.0	94.8	161 600b				22.0
24.0	60.0	92.7	154 100	64.2	93.8	148 100				24.0
26.0	55.9	91.4	142 100	60.3	92.6	136 500				26.0
28.0	51.5	89.8	131 800	56.1	91.3	126 500	66.7	93.7	114 000b	28.0
30.0	46.8	87.9	122 700	51.8	89.7	117 700	62.8	92.6	105 800	30.0
32.0	41.6	85.6	114 600	47.1	87.8	109 900	58.8	91.4	98 600	32.0
34.0	35.9	82.9	107 500	42.0	85.6	102 900	54.6	89.9	92 300	34.0
36.0	29.0	79.4	101 100	36.2	82.9	96 700	50.1	88.2	86 500	36.0
38.0	19.9	74.5	94 800	29.5	79.5	91 200	45.3	86.2	81 300	38.0
40.0				20.6	74.7	86 100	40.0	83.9	76 700	40.0
42.0							33.9	81.0	72 400	42.0
44.0							26.6	77.2	68 500	44.0

REFERENCE ONLY

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or

No. 55A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

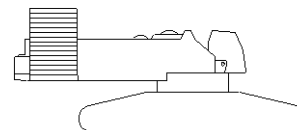
360 Degree Rating

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 70.1m Luffing Jib

7 m/s with 76.2m thru 94.5m Luffing Jib



61.0m (200 Ft.) Boom, 39.6m (130 Ft.) 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	194 600b							18.3
20.0	71.4	101.5	178 700b							20.0
22.0	68.3	100.7	162 900b	71.6	101.4	156 700b				22.0
24.0	65.1	99.8	149 500	68.5	100.6	143 500				24.0
26.0	61.8	98.7	137 900	65.3	99.6	132 300				26.0
28.0	58.4	97.4	127 800	62.0	98.6	122 600				28.0
30.0	54.8	96.0	119 000	58.6	97.3	114 000				30.0
32.0	51.1	94.4	111 100	55.0	95.9	106 400	64.1	98.4	95 100	32.0
34.0	47.1	92.5	104 100	51.3	94.3	99 700	60.8	97.3	88 900	34.0
36.0	42.9	90.3	97 800	47.4	92.4	93 600	57.3	96.0	83 300	36.0
38.0	38.2	87.8	92 200	43.2	90.3	88 100	53.7	94.5	78 300	38.0
40.0	33.0	84.8	87 100	38.5	87.8	83 100	49.9	92.8	73 700	40.0
42.0	26.8	81.0	82 400	33.3	84.8	78 600	45.9	90.9	69 600	42.0
44.0	18.5	75.7	78 300	27.2	81.1	74 500	41.5	88.6	65 800	44.0
46.0				19.2	75.9	70 800	36.7	86.0	62 300	46.0
48.0							31.3	82.8	59 000	48.0
50.0							24.6	78.6	56 100	50.0

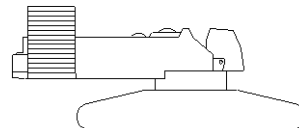
Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or
No. 55A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib



61.0m (200 Ft.) Boom, 45.7m (150 Ft.) 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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.2	108.1	175 300b							19.8
20.0	74.0	108.0	173 800b							20.0
22.0	71.3	107.3	158 500b							22.0
24.0	68.6	106.5	145 500							24.0
26.0	65.9	105.6	134 300	68.8	106.3	128 700				26.0
28.0	63.0	104.5	124 500	66.0	105.4	119 200				28.0
30.0	60.1	103.4	115 800	63.2	104.4	110 900				30.0
32.0	57.1	102.1	108 200	60.3	103.3	103 500	67.8	105.2	92 200	32.0
34.0	54.0	100.6	101 400	57.3	102.0	96 900	65.0	104.3	86 200	34.0
36.0	50.8	98.9	95 200	54.2	100.5	91 000	62.2	103.2	80 800	36.0
38.0	47.4	97.1	89 700	51.0	98.9	85 600	59.3	102.0	75 800	38.0
40.0	43.8	95.0	84 600	47.6	97.0	80 800	56.2	100.6	71 400	40.0
42.0	39.9	92.6	80 100	44.0	95.0	76 300	53.1	99.1	67 400	42.0
44.0	35.6	89.9	75 900	40.1	92.6	72 300	49.8	97.4	63 600	44.0
46.0	30.8	86.6	72 000	35.9	89.9	68 500	46.3	95.5	60 200	46.0
48.0	25.1	82.5	68 500	31.1	86.6	65 100	42.6	93.3	57 100	48.0
50.0	17.6	76.8	65 300	25.5	82.6	61 900	38.6	90.8	54 100	50.0
52.0				18.1	77.1	59 000	34.2	87.9	51 400	52.0
54.0							29.2	84.5	48 900	54.0
56.0							23.1	80.0	46 500	56.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or

No. 55A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

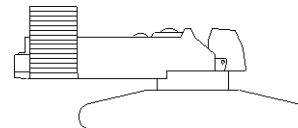
360 Degree Rating

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 70.1m Luffing Jib

7 m/s with 76.2m thru 94.5m Luffing Jib



61.0m (200 Ft.) Boom, 51.8m (170 Ft.) 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	153 500*b							21.3
22.0	73.6	113.7	151 100b							22.0
24.0	71.3	113.1	141 500							24.0
26.0	68.9	112.3	130 200	71.4	112.9	124 600				26.0
28.0	66.5	111.4	120 600	69.0	112.1	115 400				28.0
30.0	64.0	110.4	112 300	66.6	111.2	107 300				30.0
32.0	61.5	109.3	104 800	64.2	110.2	100 100				32.0
34.0	58.9	108.1	98 100	61.6	109.2	93 700				34.0
36.0	56.2	106.7	92 200	59.0	107.9	87 900	65.7	110.1	77 600	36.0
38.0	53.5	105.2	86 700	56.4	106.6	82 700	63.2	109.1	72 800	38.0
40.0	50.6	103.6	81 800	53.6	105.1	77 900	60.7	107.9	68 500	40.0
42.0	47.6	101.7	77 300	50.8	103.5	73 500	58.1	106.7	64 500	42.0
44.0	44.4	99.7	73 100	47.8	101.6	69 600	55.4	105.3	60 900	44.0
46.0	41.1	97.4	69 400	44.6	99.6	65 900	52.6	103.7	57 500	46.0
48.0	37.4	94.8	65 900	41.3	97.3	62 500	49.7	102.0	54 400	48.0
50.0	33.5	91.8	62 600	37.7	94.8	59 400	46.7	100.1	51 600	50.0
52.0	29.0	88.3	59 600	33.7	91.8	56 500	43.4	98.0	48 900	52.0
54.0	23.7	83.9	56 900	29.3	88.3	53 800	40.0	95.6	46 500	54.0
56.0	16.8	78.0	54 300	24.1	84.1	51 300	36.3	92.9	44 200	56.0
58.0				17.3	78.3	48 900	32.2	89.8	42 000	58.0
60.0							27.5	86.1	39 900	60.0
62.0							21.9	81.4	38 000	62.0
64.0							14.0	74.6	36 200	64.0

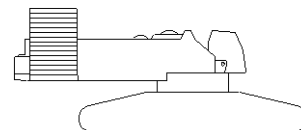
Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 79A On Boom No. 55 or
No. 55A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib



61.0m (200 Ft.) Boom, 57.9m (190 Ft.) 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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.5	119.9	133 900*							22.9
24.0	73.3	119.5	131 800*							24.0
26.0	71.2	118.8	126 700							26.0
28.0	69.1	118.0	117 400	71.4	118.7	112 200				28.0
30.0	66.9	117.2	109 200	69.2	117.9	104 200				30.0
32.0	64.7	116.2	101 900	67.1	117.0	97 200				32.0
34.0	62.5	115.2	95 400	64.9	116.1	90 900				34.0
36.0	60.2	114.0	89 500	62.7	115.0	85 300				36.0
38.0	57.9	112.7	84 200	60.4	113.9	80 200	66.3	115.9	70 300	38.0
40.0	55.5	111.3	79 400	58.0	112.6	75 500	64.1	114.9	66 000	40.0
42.0	53.0	109.8	75 000	55.6	111.2	71 300	61.8	113.8	62 200	42.0
44.0	50.4	108.2	70 900	53.1	109.7	67 300	59.5	112.6	58 600	44.0
46.0	47.7	106.3	67 200	50.6	108.1	63 700	57.2	111.3	55 300	46.0
48.0	44.9	104.3	63 700	47.9	106.2	60 400	54.7	109.9	52 300	48.0
50.0	42.0	102.1	60 500	45.1	104.2	57 300	52.2	108.3	49 500	50.0
52.0	38.8	99.6	57 600	42.2	102.1	54 500	49.6	106.6	46 900	52.0
54.0	35.4	96.8	54 800	39.0	99.6	51 800	46.9	104.7	44 500	54.0
56.0	31.7	93.7	52 200	35.7	96.8	49 300	44.1	102.7	42 200	56.0
58.0	27.5	89.9	49 800	32.0	93.7	47 000	41.1	100.4	40 100	58.0
60.0	22.6	85.3	47 600	27.8	90.0	44 800	37.8	97.8	38 100	60.0
62.0	16.2	79.2	45 500	22.9	85.5	42 800	34.4	94.9	36 200	62.0
64.0				16.6	79.4	40 900	30.5	91.6	34 500	64.0
66.0							26.1	87.7	32 800	66.0
68.0							20.9	82.7	31 200	68.0
70.0							13.6	75.6	29 700	70.0