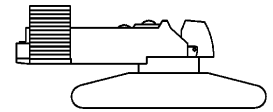


Liftcrane Luffing Jib Capacities

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 Wheeled Counterweight
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 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.

Exit MAX-ER mode before operating without wheeled counterweight.

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

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with mast up and bearing turntable level within a tolerance of 13 mm in 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. 8657-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 22 m/s for lugging jib lengths 27.4m thru 70.1m and 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 Swing and Travel Specification chart **No. 8658-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.

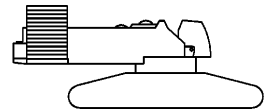
MACHINE EQUIPMENT: Machine equipped with 11 811 mm crawlers, 1 524 mm treads, 9.1m live mast, 42.7m mast, 16 part boom hoist reeving, boom support straps, 24 part luffing jib hoist reeving, luffing jib and backstay support straps, 223 170 kg crane counterweight, 145 150 kg carbody counterweight and without wheeled counterweight.



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

**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 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. 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 300b			
18.0	69.5	77.3	218 500b			
20.0	64.9	76.3	196 200b			
22.0	60.0	75.2	178 000			
24.0	54.9	73.7	162 400			
26.0	49.4	72.0	148 300*	60.6	74.6	138 900
28.0	43.3	69.9	136 200*	55.5	73.2	128 300
30.0	36.3	67.2	125 600*	50.0	71.5	118 900
32.0	27.7	63.6	116 200*	44.0	69.4	110 100*
34.0				37.2	66.8	102 400*
36.0				28.8	63.4	95 400*
38.0				16.2	57.7	88 900*

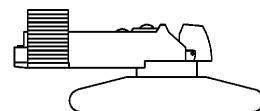
**48.8m (160 Ft.) Boom
33.5m (110 Ft.) Luffing Jib**

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 600b			
20.0	69.8	83.1	190 800b			
22.0	66.0	82.2	173 300b			
24.0	62.1	81.1	158 500			
26.0	58.1	79.8	145 800	66.4	81.6	135 300
28.0	53.8	78.3	134 900	62.6	80.5	124 900
30.0	49.3	76.6	125 300	58.5	79.3	115 900
32.0	44.4	74.5	116 400	54.3	77.8	108 000
34.0	39.0	72.1	108 300*	49.8	76.1	101 000
36.0	32.8	69.1	101 100*	45.0	74.1	94 700
38.0	25.2	65.0	94 500*	39.7	71.7	89 000
40.0				33.6	68.8	83 700*
42.0				26.1	64.9	78 600*
44.0				15.1	58.8	73 800*

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 Wheeled Counterweight
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 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 300b			
22.0	69.9	88.8	168 200b			
24.0	66.8	87.9	153 700			
26.0	63.5	86.9	141 500			
28.0	60.2	85.8	130 800			
30.0	56.7	84.4	121 600	63.9	86.4	112 200
32.0	53.1	82.9	113 400	60.6	85.2	104 500
34.0	49.3	81.2	106 100	57.1	83.9	97 600
36.0	45.2	79.2	99 500	53.5	82.4	91 500
38.0	40.8	76.9	93 700	49.7	80.7	86 000
40.0	35.9	74.1	88 200*	45.6	78.7	81 000
42.0	30.2	70.8	82 900*	41.3	76.5	76 500
44.0	23.3	66.4	78 000*	36.4	73.8	72 300
46.0				30.9	70.5	68 500
48.0				24.2	66.3	64 900
50.0				14.4	59.8	61 100

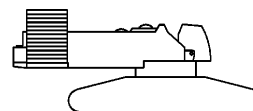
48.8m (160 Ft.) Boom 45.7m (150 Ft.) Luffing Jib

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	157 200			
24.0	70.1	94.6	149 700			
26.0	67.3	93.7	137 700			
28.0	64.6	92.8	127 400			
30.0	61.7	91.7	118 300			
32.0	58.8	90.4	110 400	64.9	92.2	101 500
34.0	55.7	89.1	103 300	62.0	91.1	94 800
36.0	52.5	87.5	96 900	59.1	89.9	88 900
38.0	49.2	85.8	91 100	56.0	88.6	83 500
40.0	45.7	83.8	85 900	52.9	87.0	78 600
42.0	42.0	81.6	81 200	49.6	85.3	74 100
44.0	37.9	79.1	76 900	46.1	83.4	70 100
46.0	33.4	76.1	72 900	42.4	81.2	66 300
48.0	28.2	72.5	69 200	38.4	78.7	62 900
50.0	21.9	67.8	65 600*	33.9	75.8	59 700
52.0				28.9	72.2	56 800
54.0				22.7	67.7	54 000
56.0				13.8	60.9	50 800

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 Wheeled Counterweight
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 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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms
24.4	72.1	101.0	142 700			
26.0	70.2	100.3	133 500			
28.0	67.8	99.5	123 500			
30.0	65.3	98.6	114 700			
32.0	62.8	97.5	106 900			
34.0	60.3	96.4	100 000	65.6	98.0	91 500
36.0	57.6	95.1	93 700	63.1	97.0	85 700
38.0	54.9	93.7	88 100	60.6	95.8	80 400
40.0	52.1	92.1	83 000	57.9	94.6	75 700
42.0	49.2	90.4	78 400	55.2	93.2	71 300
44.0	46.1	88.4	74 100	52.4	91.6	67 300
46.0	42.9	86.3	70 200	49.5	89.9	63 700
48.0	39.4	83.9	66 600	46.5	88.0	60 300
50.0	35.6	81.1	63 300	43.2	85.9	57 200
52.0	31.4	77.9	60 200	39.8	83.5	54 300
54.0	26.6	74.0	57 400	36.1	80.8	51 600
56.0	20.8	69.1	54 700	31.9	77.6	49 100
58.0				27.2	73.8	46 800
60.0				21.5	69.1	44 600
62.0				13.4	62.0	42 000

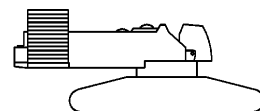
48.8m (160 Ft.) Boom 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms
25.9	72.4	106.9	130 300			
26.0	72.3	106.8	129 800			
28.0	70.2	106.1	120 100			
30.0	68.1	105.3	111 500			
32.0	65.9	104.4	103 900			
34.0	63.7	103.4	97 200			
36.0	61.4	102.3	91 100	66.2	103.8	83 000
38.0	59.1	101.1	85 600	64.0	102.8	77 800
40.0	56.8	99.7	80 600	61.7	101.7	73 200
42.0	54.3	98.3	76 000	59.4	100.5	69 000
44.0	51.8	96.7	71 900	57.0	99.2	65 000
46.0	49.2	95.0	68 000	54.6	97.8	61 500
48.0	46.4	93.1	64 500	52.1	96.2	58 200
50.0	43.6	91.0	61 200	49.5	94.5	55 100
52.0	40.5	88.6	58 200	46.7	92.6	52 300
54.0	37.3	86.0	55 400	43.9	90.5	49 700
56.0	33.7	83.1	52 700	40.9	88.2	47 200
58.0	29.8	79.6	50 300	37.6	85.7	44 900
60.0	25.3	75.6	48 000	34.1	82.7	42 700
62.0	19.8	70.4	45 800	30.3	79.4	40 700
64.0	11.9	62.6	43 300	25.9	75.4	38 800
66.0				20.5	70.4	37 000
68.0				13.0	63.1	35 000

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

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	118 900			
28.0	72.2	112.6	116 400			
30.0	70.3	111.9	108 000			
32.0	68.4	111.1	100 600			
34.0	66.4	110.2	94 000			
36.0	64.4	109.2	88 000			
38.0	62.4	108.2	82 700			
40.0	60.3	107.0	77 800	64.6	108.7	70 300
42.0	58.2	105.7	73 300	62.6	107.6	66 100
44.0	56.0	104.4	69 200	60.5	106.5	62 400
46.0	53.8	102.9	65 400	58.4	105.2	58 800
48.0	51.5	101.3	62 000	56.3	103.9	55 600
50.0	49.2	99.6	58 800	54.1	102.4	52 600
52.0	46.7	97.7	55 700	51.8	100.8	49 800
54.0	44.1	95.6	53 000	49.4	99.1	47 200
56.0	41.4	93.4	50 400	47.0	97.2	44 800
58.0	38.6	90.9	48 000	44.4	95.2	42 500
60.0	35.5	88.1	45 700	41.7	92.9	40 400
62.0	32.2	84.9	43 500	38.9	90.5	38 400
64.0	28.5	81.3	41 600	35.8	87.7	36 600
66.0	24.2	77.1	39 700	32.5	84.6	34 800
68.0	19.1	71.7	37 900	28.9	81.1	33 100
70.0	11.7	63.7	36 000	24.7	76.9	31 500
72.0				19.7	71.7	30 000
74.0				12.8	64.2	28 100*

48.8m (160 Ft.) Boom 70.1m (230 Ft.) Luffing Jib

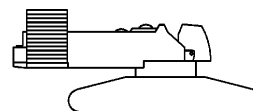
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
29.0	73.0	118.7	109 000			
30.0	72.1	118.4	104 900			
32.0	70.3	117.6	97 700			
34.0	68.6	116.8	91 200			
36.0	66.8	116.0	85 400			
38.0	65.0	115.0	80 100			
40.0	63.2	114.0	75 300	67.0	115.4	67 900
42.0	61.3	112.9	70 900	65.2	114.5	63 800
44.0	59.4	111.7	67 000	63.4	113.4	60 000
46.0	57.4	110.4	63 200	61.5	112.3	56 600
48.0	55.4	109.0	59 800	59.6	111.2	53 400
50.0	53.4	107.5	56 700	57.7	109.9	50 500
52.0	51.3	105.9	53 700	55.7	108.5	47 800
54.0	49.1	104.2	51 000	53.6	107.0	45 200
56.0	46.9	102.3	48 400	51.5	105.4	42 800
58.0	44.6	100.3	46 000	49.4	103.7	40 600
60.0	42.1	98.1	43 800	47.2	101.8	38 500
62.0	39.6	95.6	41 700	44.8	99.8	36 600
64.0	36.9	93.0	39 700	42.4	97.6	34 700
66.0	34.0	90.1	37 800	39.9	95.2	33 000
68.0	30.8	86.7	36 100	37.2	92.6	31 300
70.0	27.3	83.0	34 400	34.3	89.7	29 700
72.0	23.3	78.5	32 800	31.2	86.5	28 300
74.0	18.4	72.9	31 300	27.7	82.7	26 900
76.0	11.6	64.8	29 800	23.8	78.4	25 500
78.0				19.0	72.9	24 000*
80.0				12.5	65.2	22 400*



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

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	94 400			
34.0	70.4	123.4	88 100			
36.0	68.8	122.6	82 400			
38.0	67.1	121.7	77 300			
40.0	65.5	120.8	72 600			
42.0	63.8	119.8	68 300			
44.0	62.1	118.8	64 300	65.7	120.3	57 400
46.0	60.4	117.6	60 700	64.0	119.3	54 000
48.0	58.6	116.4	57 400	62.3	118.2	50 900
50.0	56.8	115.1	54 300	60.5	117.1	48 000
52.0	54.9	113.7	51 400	58.8	115.8	45 300
54.0	53.1	112.1	48 700	57.0	114.5	42 800
56.0	51.1	110.5	46 200	55.1	113.1	40 500
58.0	49.1	108.8	43 800	53.3	111.6	38 300
60.0	47.1	106.9	41 600	51.3	110.0	36 300
62.0	44.9	104.9	39 500	49.4	108.3	34 300
64.0	42.7	102.7	37 500	47.3	106.5	32 500
66.0	40.4	100.4	35 700	45.2	104.5	30 800
68.0	38.0	97.8	33 900	43.0	102.3	29 200
70.0	35.4	95.1	32 300	40.7	100.0	27 600
72.0	32.6	92.0	30 700	38.2	97.5	26 200
74.0	29.6	88.5	29 200	35.7	94.7	24 800
76.0	26.3	84.5	27 800	32.9	91.7	23 400
78.0	22.5	79.9	26 500	30.0	88.2	22 200
80.0	17.9	74.1	25 200	26.7	84.3	21 000
84.0				18.4	74.2	18 300*

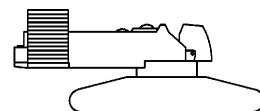
48.8m (160 Ft.) Boom 82.3m (270 Ft.) Luffing Jib

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	86 800			
34.0	71.9	129.9	85 400			
36.0	70.4	129.1	79 800			
38.0	68.9	128.4	74 800			
40.0	67.4	127.5	70 100			
42.0	65.9	126.6	65 900			
44.0	64.3	125.7	62 100			
46.0	62.8	124.6	58 500	66.0	126.1	51 800
48.0	61.2	123.5	55 200	64.5	125.1	48 700
50.0	59.6	122.3	52 200	62.9	124.1	45 900
52.0	57.9	121.1	49 300	61.3	123.0	43 300
54.0	56.2	119.7	46 700	59.7	121.8	40 800
56.0	54.5	118.3	44 200	58.1	120.5	38 500
58.0	52.8	116.7	41 900	56.4	119.2	36 400
60.0	51.0	115.1	39 700	54.7	117.8	34 300
62.0	49.1	113.4	37 600	53.0	116.2	32 400
64.0	47.2	111.5	35 700	51.2	114.6	30 600
66.0	45.3	109.5	33 900	49.3	112.9	29 000
68.0	43.2	107.4	32 100	47.4	111.1	27 300
70.0	41.1	105.1	30 500	45.5	109.1	25 800
72.0	38.9	102.7	28 900	43.5	107.0	24 400
74.0	36.6	100.0	27 500	41.3	104.7	23 000
76.0	34.1	97.0	26 100	39.1	102.3	21 700
78.0	31.5	93.8	24 700	36.8	99.6	20 500
80.0	28.6	90.2	23 500	34.4	96.7	19 300
84.0	21.8	81.3	21 100	28.9	89.9	17 100
88.0	11.4	66.9	18 500*	22.2	81.2	14 700*
92.0				12.2	67.4	12 200*

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 Wheeled Counterweight
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 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	79 400			
36.0	71.8	135.6	76 900			
38.0	70.4	134.9	71 900			
40.0	69.1	134.1	67 400			
42.0	67.6	133.3	63 300			
44.0	66.2	132.4	59 500			
46.0	64.8	131.5	56 000			
48.0	63.3	130.4	52 800	66.4	131.9	46 200
50.0	61.9	129.4	49 800	65.0	130.9	43 400
52.0	60.4	128.2	47 000	63.5	129.9	40 900
54.0	58.9	127.0	44 400	62.0	128.8	38 500
56.0	57.3	125.7	42 000	60.5	127.7	36 200
58.0	55.7	124.3	39 600	59.0	126.5	34 100
60.0	54.1	122.9	37 500	57.5	125.2	32 100
62.0	52.5	121.3	35 500	55.9	123.8	30 200
64.0	50.8	119.7	33 600	54.3	122.4	28 400
66.0	49.1	118.0	31 700	52.7	120.9	26 800
68.0	47.3	116.1	30 000	51.0	119.2	25 200
70.0	45.5	114.2	28 400	49.3	117.5	23 700
72.0	43.7	112.1	26 900	47.5	115.7	22 300
74.0	41.7	109.8	25 500	45.7	113.7	20 900
76.0	39.7	107.4	24 100	43.9	111.6	19 700
78.0	37.6	104.8	22 700	41.9	109.4	18 400
80.0	35.3	102.0	21 500	39.9	107.0	17 300
84.0	30.4	95.6	19 100	35.6	101.7	15 100
88.0	24.6	87.6	17 000	30.7	95.3	13 100
92.0	17.0	76.5	14 700*	25.0	87.4	10 900*
96.0				17.5	76.6	8 800*

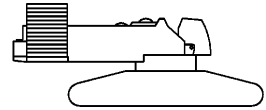
48.8m (160 Ft.) Boom 94.5m (310 Ft.) Luffing Jib

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	69 400*
38.0	71.8	141.4	69 200*
40.0	70.5	140.7	65 100
42.0	69.2	139.9	61 000
44.0	67.9	139.1	57 300
46.0	66.5	138.2	53 800
48.0	65.2	137.3	50 700
50.0	63.8	136.3	47 700
52.0	62.5	135.2	44 900
54.0	61.1	134.1	42 400
56.0	59.7	132.9	40 000
58.0	58.2	131.7	37 700
60.0	56.8	130.4	35 600
62.0	55.3	129.0	33 600
64.0	53.8	127.5	31 700
66.0	52.3	125.9	29 900
68.0	50.7	124.3	28 200
70.0	49.1	122.6	26 700
72.0	47.5	120.7	25 100
74.0	45.8	118.8	23 700
76.0	44.0	116.7	22 300
78.0	42.2	114.5	21 000
80.0	40.3	112.2	19 800
84.0	36.4	106.9	17 400
88.0	31.9	100.8	15 300
92.0	26.8	93.5	13 300
96.0	20.6	84.0	11 300*
100.0	11.2	69.0	9 100*

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 Wheeled Counterweight
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 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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms
18.3	70.1	83.5	206 500b			
20.0	66.1	82.7	188 900b			
22.0	61.4	81.6	171 600b			
24.0	56.3	80.2	157 000			
26.0	50.9	78.6	144 600	63.2	81.3	132 600b
28.0	45.0	76.5	133 700	58.2	80.0	122 500
30.0	38.3	74.0	124 300	53.0	78.5	113 700
32.0	30.2	70.7	115 300*	47.3	76.6	105 900
34.0				40.9	74.3	99 000
36.0				33.5	71.4	92 800
38.0				23.8	67.2	87 300

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms
21.3	71.8	95.4	166 900b			
22.0	70.8	95.1	162 100b			
24.0	67.6	94.3	148 300			
26.0	64.4	93.3	136 600			
28.0	61.1	92.2	126 500			
30.0	57.7	90.9	117 500	65.6	92.9	107 000
32.0	54.1	89.4	109 700	62.3	91.9	99 600
34.0	50.3	87.7	102 600	59.0	90.6	93 100
36.0	46.3	85.8	96 400	55.4	89.2	87 300
38.0	42.0	83.6	90 700	51.7	87.7	82 000
40.0	37.2	81.0	85 600	47.8	85.8	77 200
42.0	31.8	77.8	80 900	43.6	83.7	72 900
44.0	25.3	73.8	76 700	39.1	81.3	68 900
46.0				33.9	78.4	65 300
48.0				27.9	74.7	61 900
50.0				20.2	69.8	58 800

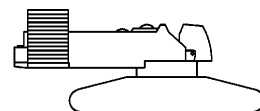
54.9m (180 Ft.) Boom 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms
19.8	71.1	89.4	185 500b			
20.0	70.8	89.4	183 800b			
22.0	67.0	88.5	167 000b			
24.0	63.2	87.4	153 000			
26.0	59.2	86.2	140 900			
28.0	55.0	84.8	130 400	64.6	87.1	119 300
30.0	50.5	83.1	121 300	60.7	86.0	110 700
32.0	45.8	81.2	113 200	56.6	84.6	103 200
34.0	40.5	78.9	106 000	52.2	83.1	96 500
36.0	34.6	76.0	99 500	47.6	81.2	90 500
38.0	27.4	72.3	93 700	42.5	79.0	85 100
40.0				36.9	76.4	80 200
42.0				30.3	73.1	75 700
44.0				21.7	68.5	71 700

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

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	151 500			
24.0	70.8	100.9	144 400			
26.0	68.1	100.1	132 900			
28.0	65.3	99.1	123 100			
30.0	62.5	98.1	114 400			
32.0	59.5	96.8	106 700	66.3	98.7	96 700
34.0	56.5	95.5	99 900	63.5	97.7	90 400
36.0	53.4	94.0	93 700	60.6	96.6	84 700
38.0	50.1	92.3	88 200	57.7	95.3	79 500
40.0	46.7	90.4	83 200	54.6	93.9	74 900
42.0	43.0	88.3	78 600	51.4	92.2	70 600
44.0	39.0	85.8	74 400	48.0	90.4	66 800
46.0	34.7	83.0	70 600	44.4	88.4	63 200
48.0	29.7	79.6	67 100	40.6	86.1	59 900
50.0	23.8	75.3	63 800	36.4	83.4	56 800
52.0				31.6	80.2	54 000
54.0				26.1	76.3	51 400
56.0				19.1	71.0	48 900

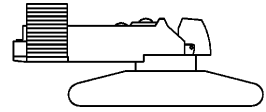
54.9m (180 Ft.) Boom 51.8m (170 Ft.) Luffing Jib

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	137 500			
26.0	70.8	106.6	128 800			
28.0	68.4	105.8	119 200			
30.0	66.0	104.9	110 800			
32.0	63.5	103.9	103 300			
34.0	61.0	102.8	96 600	66.9	104.5	87 100
36.0	58.3	101.5	90 600	64.4	103.6	81 500
38.0	55.7	100.1	85 200	61.9	102.5	76 500
40.0	52.9	98.6	80 300	59.3	101.3	71 900
42.0	50.0	96.9	75 800	56.7	99.9	67 800
44.0	47.0	95.1	71 700	53.9	98.5	64 000
46.0	43.8	93.0	67 900	51.1	96.8	60 500
48.0	40.4	90.6	64 400	48.1	95.0	57 300
50.0	36.7	87.9	61 200	45.0	93.0	54 300
52.0	32.6	84.9	58 200	41.7	90.8	51 500
54.0	28.0	81.2	55 500	38.1	88.2	49 000
56.0	22.5	76.6	52 900	34.2	85.3	46 500
58.0				29.8	81.9	44 300
60.0				24.7	77.8	42 200
62.0				18.2	72.2	40 200
64.0				5.9	61.3	38 400

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

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	125 600			
26.0	72.9	113.1	125 200			
28.0	70.8	112.4	115 900			
30.0	68.7	111.6	107 600			
32.0	66.5	110.7	100 400			
34.0	64.3	109.7	93 900			
36.0	62.1	108.7	88 000			
38.0	59.8	107.5	82 700	65.1	109.4	73 900
40.0	57.4	106.2	77 900	62.9	108.3	69 500
42.0	55.0	104.8	73 500	60.6	107.2	65 500
44.0	52.5	103.2	69 400	58.3	105.9	61 800
46.0	49.9	101.5	65 700	55.9	104.6	58 300
48.0	47.2	99.7	62 300	53.4	103.1	55 200
50.0	44.3	97.6	59 100	50.9	101.4	52 200
52.0	41.4	95.3	56 200	48.2	99.7	49 500
54.0	38.2	92.8	53 500	45.4	97.7	47 000
56.0	34.7	90.0	50 900	42.5	95.5	44 600
58.0	30.9	86.7	48 500	39.4	93.1	42 400
60.0	26.6	82.8	46 300	36.0	90.3	40 300
62.0	21.4	78.0	44 200	32.4	87.2	38 400
64.0	14.5	71.2	42 300	28.3	83.6	36 600
66.0				23.5	79.2	34 800
68.0				17.4	73.4	33 200
70.0				6.7	62.7	31 700

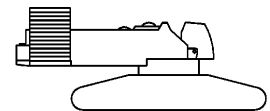
54.9m (180 Ft.) Boom
64.0m (210 Ft.) Luffing Jib

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	108 200			
30.0	70.8	118.2	104 200			
32.0	68.9	117.4	97 000			
34.0	66.9	116.5	90 700			
36.0	64.9	115.6	84 900			
38.0	62.9	114.5	79 800			
40.0	60.9	113.4	75 100	65.7	115.2	66 600
42.0	58.8	112.2	70 700	63.7	114.2	62 600
44.0	56.6	110.8	66 800	61.6	113.1	59 000
46.0	54.4	109.4	63 100	59.6	111.9	55 700
48.0	52.1	107.8	59 800	57.4	110.6	52 600
50.0	49.8	106.1	56 700	55.2	109.2	49 700
52.0	47.4	104.3	53 800	53.0	107.7	47 100
54.0	44.8	102.3	51 100	50.7	106.0	44 600
56.0	42.2	100.1	48 600	48.3	104.2	42 200
58.0	39.3	97.6	46 200	45.8	102.3	40 100
60.0	36.3	94.9	44 000	43.2	100.2	38 000
62.0	33.1	91.9	41 900	40.4	97.8	36 100
64.0	29.5	88.4	40 000	37.5	95.2	34 300
66.0	25.4	84.3	38 100	34.3	92.3	32 600
68.0	20.6	79.3	36 400	30.9	89.0	31 000
70.0	14.1	72.3	34 800	27.0	85.2	29 500
72.0				22.5	80.6	28 000
74.0				16.8	74.6	26 600
76.0				7.2	64.0	25 300

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

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	99 300			
32.0	70.8	123.9	94 100			
34.0	69.0	123.1	87 900			
36.0	67.3	122.3	82 300			
38.0	65.5	121.3	77 300			
40.0	63.6	120.3	72 600			
42.0	61.8	119.3	68 400	66.1	121.0	60 300
44.0	59.9	118.1	64 500	64.3	120.0	56 700
46.0	58.0	116.8	61 000	62.5	118.9	53 400
48.0	56.0	115.5	57 700	60.6	117.8	50 400
50.0	54.0	114.0	54 600	58.7	116.6	47 600
52.0	51.9	112.4	51 800	56.7	115.2	45 000
54.0	49.7	110.7	49 100	54.7	113.8	42 600
56.0	47.5	108.9	46 600	52.7	112.3	40 300
58.0	45.2	106.9	44 300	50.5	110.6	38 100
60.0	42.8	104.7	42 100	48.3	108.8	36 100
62.0	40.3	102.4	40 100	46.1	106.9	34 300
64.0	37.6	99.8	38 100	43.7	104.8	32 500
66.0	34.7	96.9	36 300	41.2	102.6	30 800
68.0	31.7	93.7	34 600	38.6	100.1	29 200
70.0	28.3	90.1	33 000	35.8	97.3	27 700
72.0	24.4	85.8	31 400	32.8	94.2	26 300
74.0	19.8	80.6	30 000	29.6	90.8	24 900
76.0	13.8	73.4	28 600	25.9	86.8	23 700
78.0				21.7	82.0	22 400
80.0				16.3	75.7	21 200

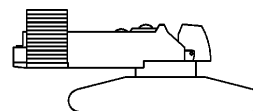
54.9m (180 Ft.) Boom 76.2m (250 Ft.) Luffing Jib

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	90 900			
34.0	70.8	129.7	84 800			
36.0	69.2	128.9	79 400			
38.0	67.6	128.1	74 400			
40.0	65.9	127.2	69 900			
42.0	64.2	126.2	65 700			
44.0	62.5	125.1	62 000	66.5	126.8	54 000
46.0	60.8	124.0	58 400	64.9	125.8	50 800
48.0	59.1	122.8	55 200	63.2	124.8	47 800
50.0	57.3	121.5	52 200	61.5	123.7	45 100
52.0	55.4	120.1	49 400	59.7	122.5	42 500
54.0	53.6	118.6	46 800	57.9	121.2	40 100
56.0	51.6	117.0	44 300	56.1	119.9	37 900
58.0	49.7	115.3	42 000	54.3	118.4	35 800
60.0	47.6	113.5	39 900	52.4	116.9	33 800
62.0	45.5	111.5	37 900	50.4	115.2	32 000
64.0	43.3	109.4	36 000	48.4	113.5	30 300
66.0	41.0	107.1	34 200	46.3	111.5	28 600
68.0	38.6	104.6	32 500	44.2	109.5	27 000
70.0	36.1	101.9	30 900	41.9	107.2	25 600
72.0	33.4	98.9	29 300	39.5	104.8	24 200
74.0	30.4	95.5	27 900	37.1	102.2	22 800
76.0	27.2	91.7	26 500	34.4	99.3	21 600
78.0	23.6	87.3	25 200	31.6	96.1	20 300
80.0	19.2	81.9	23 900	28.5	92.5	19 200
84.0				20.9	83.3	17 100
88.0				7.8	66.4	14 800*

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

**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	83 500			
34.0	72.3	136.1	82 100			
36.0	70.8	135.4	76 800			
38.0	69.3	134.7	71 900			
40.0	67.8	133.8	67 500			
42.0	66.3	132.9	63 400			
44.0	64.7	132.0	59 700			
46.0	63.2	131.0	56 200	66.9	132.6	48 600
48.0	61.6	129.9	53 100	65.3	131.6	45 700
50.0	60.0	128.7	50 100	63.8	130.6	43 000
52.0	58.3	127.5	47 300	62.2	129.6	40 500
54.0	56.7	126.1	44 800	60.6	128.4	38 100
56.0	55.0	124.7	42 400	59.0	127.2	35 900
58.0	53.2	123.2	40 100	57.3	125.9	33 900
60.0	51.4	121.6	38 000	55.6	124.5	31 900
62.0	49.6	119.9	36 000	53.9	123.1	30 100
64.0	47.7	118.1	34 100	52.1	121.5	28 400
66.0	45.8	116.2	32 300	50.3	119.8	26 800
68.0	43.8	114.1	30 700	48.4	118.1	25 200
70.0	41.7	111.8	29 100	46.5	116.2	23 800
72.0	39.5	109.4	27 600	44.5	114.1	22 400
74.0	37.2	106.8	26 200	42.5	111.9	21 100
76.0	34.8	103.9	24 800	40.3	109.6	19 800
78.0	32.2	100.8	23 500	38.1	107.0	18 700
80.0	29.4	97.3	22 200	35.7	104.3	17 500
84.0	22.8	88.7	19 900	30.4	97.9	15 400
88.0	13.3	75.6	17 800	24.2	89.8	13 400
92.0				15.5	78.0	11 600

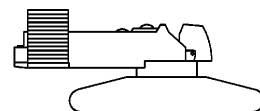
**54.9m (180 Ft.) Boom
88.4m (290 Ft.) Luffing Jib**

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	73 600
38.0	70.8	141.2	69 200
40.0	69.4	140.4	64 800
42.0	68.0	139.6	60 800
44.0	66.6	138.7	57 100
46.0	65.2	137.8	53 700
48.0	63.7	136.8	50 600
50.0	62.3	135.7	47 700
52.0	60.8	134.6	45 000
54.0	59.3	133.4	42 500
56.0	57.7	132.1	40 100
58.0	56.2	130.8	37 900
60.0	54.6	129.4	35 800
62.0	52.9	127.8	33 800
64.0	51.3	126.2	32 000
66.0	49.6	124.5	30 300
68.0	47.8	122.7	28 600
70.0	46.0	120.8	27 000
72.0	44.2	118.7	25 500
74.0	42.2	116.5	24 100
76.0	40.2	114.1	22 800
78.0	38.1	111.6	21 500
80.0	35.9	108.9	20 300
84.0	31.1	102.6	17 900
88.0	25.5	94.9	15 900
92.0	18.2	84.4	13 900

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

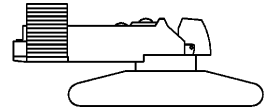
**54.9m (180 Ft.) Boom
94.5m (310 Ft.) Luffing Jib**

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	65 200*
40.0	70.8	146.9	62 500
42.0	69.5	146.2	58 500
44.0	68.2	145.4	54 900
46.0	66.9	144.5	51 600
48.0	65.6	143.6	48 500
50.0	64.2	142.6	45 600
52.0	62.8	141.6	43 000
54.0	61.5	140.5	40 500
56.0	60.1	139.3	38 200
58.0	58.6	138.1	36 000
60.0	57.2	136.8	33 900
62.0	55.7	135.4	32 000
64.0	54.2	134.0	30 100
66.0	52.7	132.4	28 400
68.0	51.1	130.8	26 800
70.0	49.5	129.1	25 200
72.0	47.9	127.3	23 800
74.0	46.2	125.4	22 400
76.0	44.5	123.3	21 000
78.0	42.7	121.2	19 700
80.0	40.8	118.9	18 600
84.0	36.9	113.7	16 300
88.0	32.5	107.8	14 200
92.0	27.6	100.6	12 300
96.0	21.5	91.5	10 500
100.0	12.9	77.8	8 900

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 Wheeled Counterweight
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 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			Jib Oper. Rad. m	85 Degree Boom Angle			Jib Oper. Rad. m	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 200c									15.2
16.0	71.6	90.0	234 700c									16.0
18.0	67.1	89.2	209 300b									18.0
20.0	62.3	88.1	189 000b	67.4	89.0	181 900b						20.0
22.0	57.4	86.8	172 000	62.6	87.9	165 500b						22.0
24.0	52.0	85.2	157 700	57.7	86.7	151 600						24.0
26.0	46.2	83.2	145 400	52.4	85.1	139 700	65.7	87.8	126 200b			26.0
28.0	39.7	80.9	134 700	46.6	83.2	129 300	60.9	86.7	116 700b			28.0
30.0	32.0	77.8	125 400	40.2	80.8	120 300	55.8	85.3	108 300			30.0
32.0	21.7	73.2	117 400	32.6	77.8	112 400	50.4	83.6	100 900			32.0
34.0				22.5	73.4	105 300	44.4	81.6	94 400			34.0
36.0							37.6	79.0	88 500			36.0
38.0							29.3	75.6	83 200			38.0

61.0m (200 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			Jib Oper. Rad. m	85 Degree Boom Angle			Jib Oper. Rad. m	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	217 600b									16.8
18.0	71.5	95.8	203 600b									18.0
20.0	67.8	94.9	183 900b	71.7	95.6	177 000b						20.0
22.0	64.0	93.9	167 500b	68.0	94.8	161 100b						22.0
24.0	60.0	92.7	153 700	64.2	93.8	147 700						24.0
26.0	55.9	91.4	141 800	60.3	92.6	136 200						26.0
28.0	51.5	89.8	131 400	56.1	91.3	126 100	66.7	93.7	113 600b			28.0
30.0	46.8	87.9	122 300	51.8	89.7	117 300	62.8	92.6	105 400			30.0
32.0	41.6	85.6	114 300	47.1	87.8	109 600	58.8	91.4	98 300			32.0
34.0	35.9	82.9	107 200	42.0	85.6	102 600	54.6	89.9	91 900			34.0
36.0	29.0	79.4	100 800	36.2	82.9	96 400	50.1	88.2	86 200			36.0
38.0	19.9	74.5	95 200	29.5	79.5	90 900	45.3	86.2	81 000			38.0
40.0				20.6	74.7	85 900	40.0	83.9	76 300			40.0
42.0							33.9	81.0	72 100			42.0
44.0							26.6	77.2	68 200			44.0

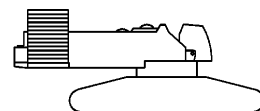
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

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

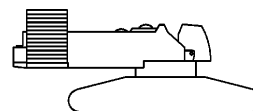
61.0m (200 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

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 100b							18.3
20.0	71.4	101.5	178 300b							20.0
22.0	68.3	100.7	162 500b	71.6	101.4	156 200b				22.0
24.0	65.1	99.8	149 100	68.5	100.6	143 100				24.0
26.0	61.8	98.7	137 500	65.3	99.6	131 900				26.0
28.0	58.4	97.4	127 500	62.0	98.6	122 200				28.0
30.0	54.8	96.0	118 600	58.6	97.3	113 600				30.0
32.0	51.1	94.4	110 800	55.0	95.9	106 100	64.1	98.4	94 700	32.0
34.0	47.1	92.5	103 800	51.3	94.3	99 300	60.8	97.3	88 500	34.0
36.0	42.9	90.3	97 600	47.4	92.4	93 300	57.3	96.0	83 000	36.0
38.0	38.2	87.8	91 900	43.2	90.3	87 800	53.7	94.5	78 000	38.0
40.0	33.0	84.8	86 800	38.5	87.8	82 900	49.9	92.8	73 400	40.0
42.0	26.8	81.0	82 200	33.3	84.8	78 400	45.9	90.9	69 300	42.0
44.0	18.5	75.7	78 000	27.2	81.1	74 300	41.5	88.6	65 500	44.0
46.0				19.2	75.9	70 500	36.7	86.0	62 000	46.0
48.0							31.3	82.8	58 800	48.0
50.0							24.6	78.6	55 800	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 Wheeled Counterweight
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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib

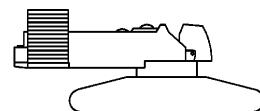
61.0m (200 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	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	
19.8	74.2	108.1	174 900b							19.8
20.0	74.0	108.0	173 400b							20.0
22.0	71.3	107.3	158 100b							22.0
24.0	68.6	106.5	145 100							24.0
26.0	65.9	105.6	133 900	68.8	106.3	128 300				26.0
28.0	63.0	104.5	124 100	66.0	105.4	118 900				28.0
30.0	60.1	103.4	115 500	63.2	104.4	110 600				30.0
32.0	57.1	102.1	107 900	60.3	103.3	103 200	67.8	105.2	91 800	32.0
34.0	54.0	100.6	101 100	57.3	102.0	96 600	65.0	104.3	85 800	34.0
36.0	50.8	98.9	95 000	54.2	100.5	90 700	62.2	103.2	80 400	36.0
38.0	47.4	97.1	89 400	51.0	98.9	85 300	59.3	102.0	75 500	38.0
40.0	43.8	95.0	84 400	47.6	97.0	80 500	56.2	100.6	71 100	40.0
42.0	39.9	92.6	79 800	44.0	95.0	76 100	53.1	99.1	67 100	42.0
44.0	35.6	89.9	75 600	40.1	92.6	72 000	49.8	97.4	63 300	44.0
46.0	30.8	86.6	71 800	35.9	89.9	68 300	46.3	95.5	60 000	46.0
48.0	25.1	82.5	68 300	31.1	86.6	64 900	42.6	93.3	56 800	48.0
50.0	17.6	76.8	65 100	25.5	82.6	61 700	38.6	90.8	53 900	50.0
52.0				18.1	77.1	58 800	34.2	87.9	51 100	52.0
54.0							29.2	84.5	48 700	54.0
56.0							23.1	80.0	46 300	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 Wheeled Counterweight
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 70.1m Luffing Jib
7 m/s with 76.2m thru 94.5m Luffing Jib

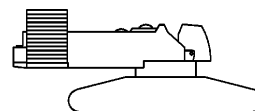
61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

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	154 000 *b							21.3
22.0	73.6	113.7	151 200b							22.0
24.0	71.3	113.1	141 100							24.0
26.0	68.9	112.3	129 800	71.4	112.9	124 200				26.0
28.0	66.5	111.4	120 300	69.0	112.1	115 000				28.0
30.0	64.0	110.4	111 900	66.6	111.2	107 000				30.0
32.0	61.5	109.3	104 500	64.2	110.2	99 800				32.0
34.0	58.9	108.1	97 900	61.6	109.2	93 400				34.0
36.0	56.2	106.7	91 900	59.0	107.9	87 600	65.7	110.1	77 200	36.0
38.0	53.5	105.2	86 500	56.4	106.6	82 400	63.2	109.1	72 500	38.0
40.0	50.6	103.6	81 500	53.6	105.1	77 700	60.7	107.9	68 200	40.0
42.0	47.6	101.7	77 000	50.8	103.5	73 300	58.1	106.7	64 200	42.0
44.0	44.4	99.7	72 900	47.8	101.6	69 300	55.4	105.3	60 600	44.0
46.0	41.1	97.4	69 200	44.6	99.6	65 700	52.6	103.7	57 200	46.0
48.0	37.4	94.8	65 700	41.3	97.3	62 300	49.7	102.0	54 200	48.0
50.0	33.5	91.8	62 400	37.7	94.8	59 200	46.7	100.1	51 300	50.0
52.0	29.0	88.3	59 400	33.7	91.8	56 300	43.4	98.0	48 700	52.0
54.0	23.7	83.9	56 700	29.3	88.3	53 600	40.0	95.6	46 200	54.0
56.0	16.8	78.0	54 100	24.1	84.1	51 100	36.3	92.9	43 900	56.0
58.0				17.3	78.3	48 700	32.2	89.8	41 800	58.0
60.0							27.5	86.1	39 700	60.0
62.0							21.9	81.4	37 800	62.0
64.0							14.0	74.6	36 000	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 Wheeled Counterweight
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 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.	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	
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	126 400							26.0
28.0	69.1	118.0	117 000	71.4	118.7	111 800				28.0
30.0	66.9	117.2	108 900	69.2	117.9	103 900				30.0
32.0	64.7	116.2	101 600	67.1	117.0	96 900				32.0
34.0	62.5	115.2	95 100	64.9	116.1	90 600				34.0
36.0	60.2	114.0	89 200	62.7	115.0	85 000				36.0
38.0	57.9	112.7	83 900	60.4	113.9	79 900	66.3	115.9	70 000	38.0
40.0	55.5	111.3	79 100	58.0	112.6	75 200	64.1	114.9	65 700	40.0
42.0	53.0	109.8	74 700	55.6	111.2	71 000	61.8	113.8	61 900	42.0
44.0	50.4	108.2	70 700	53.1	109.7	67 100	59.5	112.6	58 300	44.0
46.0	47.7	106.3	66 900	50.6	108.1	63 500	57.2	111.3	55 100	46.0
48.0	44.9	104.3	63 500	47.9	106.2	60 200	54.7	109.9	52 100	48.0
50.0	42.0	102.1	60 400	45.1	104.2	57 100	52.2	108.3	49 300	50.0
52.0	38.8	99.6	57 400	42.2	102.1	54 300	49.6	106.6	46 700	52.0
54.0	35.4	96.8	54 600	39.0	99.6	51 600	46.9	104.7	44 300	54.0
56.0	31.7	93.7	52 100	35.7	96.8	49 100	44.1	102.7	42 000	56.0
58.0	27.5	89.9	49 700	32.0	93.7	46 800	41.1	100.4	39 900	58.0
60.0	22.6	85.3	47 400	27.8	90.0	44 600	37.8	97.8	37 900	60.0
62.0	16.2	79.2	45 400	22.9	85.5	42 600	34.4	94.9	36 000	62.0
64.0				16.6	79.4	40 700	30.5	91.6	34 200	64.0
66.0							26.1	87.7	32 600	66.0
68.0							20.9	82.7	31 000	68.0
70.0							13.6	75.6	29 600	70.0