

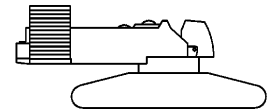


Liftcrane Luffing Jib Capacities

**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**

**Meets
ANSI B30.5
Requirements**

**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 do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Luffing Jib Backward Stability: Capacities indicated by (b) require 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. 8596-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 operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8594-A**.

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.

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.

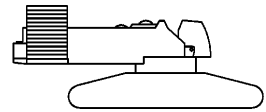


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18000 With 21000 MAX-ER



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	242 500* b			
18.0	69.5	77.3	224 500* b			
20.0	64.9	76.3	199 400* b			
22.0	60.0	75.2	179 200*			
24.0	54.9	73.7	162 500*			
26.0	49.4	72.0	148 300*	60.6	74.6	140 300*
28.0	43.3	69.9	136 200*	55.5	73.2	128 800*
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	102 200
36.0				28.8	63.4	94 400
38.0				16.2	57.7	87 200

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	219 600* b			
20.0	69.8	83.1	198 900* b			
22.0	66.0	82.2	178 700* b			
24.0	62.1	81.1	162 100*			
26.0	58.1	79.8	148 000*	66.4	81.6	139 600*
28.0	53.8	78.3	136 000*	62.6	80.5	128 200*
30.0	49.3	76.6	125 500*	58.5	79.3	118 300*
32.0	44.4	74.5	116 400*	54.3	77.8	109 700*
34.0	39.0	72.1	108 300*	49.8	76.1	102 000
36.0	32.8	69.1	100 900	45.0	74.1	94 500
38.0	25.2	65.0	93 600	39.7	71.7	87 700
40.0				33.6	68.8	81 700
42.0				26.1	64.9	76 200
44.0				15.1	58.8	71 100

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

REFERENCE ONLY!

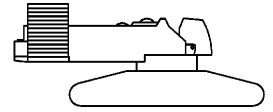


Liftcrane Luffing Jib Capacities

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

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



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	183 700* b			
22.0	69.9	88.8	177 800* b			
24.0	66.8	87.9	160 900*			
26.0	63.5	86.9	146 900*			
28.0	60.2	85.8	134 900*			
30.0	56.7	84.4	124 500*	63.9	86.4	117 000*
32.0	53.1	82.9	115 500*	60.6	85.2	108 400*
34.0	49.3	81.2	107 400*	57.1	83.9	100 800
36.0	45.2	79.2	100 200	53.5	82.4	93 500
38.0	40.8	76.9	93 300	49.7	80.7	86 800
40.0	35.9	74.1	86 900	45.6	78.7	80 900
42.0	30.2	70.8	81 200	41.3	76.5	75 600
44.0	23.3	66.4	76 000	36.4	73.8	70 800
46.0				30.9	70.5	66 400
48.0				24.2	66.3	62 300
50.0				14.4	59.8	58 400

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	169 100*			
24.0	70.1	94.6	160 200*			
26.0	67.3	93.7	146 000*			
28.0	64.6	92.8	134 100*			
30.0	61.7	91.7	123 700*			
32.0	58.8	90.4	114 700*	64.9	92.2	107 400*
34.0	55.7	89.1	106 700*	62.0	91.1	99 900
36.0	52.5	87.5	99 600	59.1	89.9	92 800
38.0	49.2	85.8	92 800	56.0	88.6	86 100
40.0	45.7	83.8	86 500	52.9	87.0	80 200
42.0	42.0	81.6	80 900	49.6	85.3	75 000
44.0	37.9	79.1	75 800	46.1	83.4	70 200
46.0	33.4	76.1	71 200	42.4	81.2	65 900
48.0	28.2	72.5	66 900	38.4	78.7	62 000
50.0	21.9	67.8	63 000	33.9	75.8	58 300
52.0				28.9	72.2	55 000
54.0				22.7	67.7	51 900
56.0				13.8	60.9	48 800

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

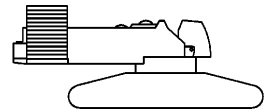


Liftcrane Luffing Jib Capacities

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

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



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	155 800*			
26.0	70.2	100.3	144 700*			
28.0	67.8	99.5	132 800*			
30.0	65.3	98.6	122 500*			
32.0	62.8	97.5	113 500*			
34.0	60.3	96.4	105 500*	65.6	98.0	98 500
36.0	57.6	95.1	98 400*	63.1	97.0	91 500
38.0	54.9	93.7	91 800	60.6	95.8	84 900
40.0	52.1	92.1	85 600	57.9	94.6	79 000
42.0	49.2	90.4	80 000	55.2	93.2	73 800
44.0	46.1	88.4	74 900	52.4	91.6	69 100
46.0	42.9	86.3	70 300	49.5	89.9	64 800
48.0	39.4	83.9	66 200	46.5	88.0	60 900
50.0	35.6	81.1	62 400	43.2	85.9	57 300
52.0	31.4	77.9	58 800	39.8	83.5	54 000
54.0	26.6	74.0	55 500	36.1	80.8	51 000
56.0	20.8	69.1	52 400	31.9	77.6	48 200
58.0				27.2	73.8	45 600
60.0				21.5	69.1	43 100
62.0				13.4	62.0	40 600

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	144 300*			
26.0	72.3	106.8	143 700*			
28.0	70.2	106.1	131 800*			
30.0	68.1	105.3	121 500*			
32.0	65.9	104.4	112 500*			
34.0	63.7	103.4	104 600*			
36.0	61.4	102.3	97 500*	66.2	103.8	90 500
38.0	59.1	101.1	91 000	64.0	102.8	83 900
40.0	56.8	99.7	84 800	61.7	101.7	78 100
42.0	54.3	98.3	79 200	59.4	100.5	72 900
44.0	51.8	96.7	74 200	57.0	99.2	68 100
46.0	49.2	95.0	69 600	54.6	97.8	63 900
48.0	46.4	93.1	65 500	52.1	96.2	60 000
50.0	43.6	91.0	61 700	49.5	94.5	56 500
52.0	40.5	88.6	58 200	46.7	92.6	53 200
54.0	37.3	86.0	55 000	43.9	90.5	50 200
56.0	33.7	83.1	52 000	40.9	88.2	47 500
58.0	29.8	79.6	49 200	37.6	85.7	44 900
60.0	25.3	75.6	46 600	34.1	82.7	42 500
62.0	19.8	70.4	44 100	30.3	79.4	40 200
64.0	11.9	62.6	41 700	25.9	75.4	38 100
66.0				20.5	70.4	36 000
68.0				13.0	63.1	34 000

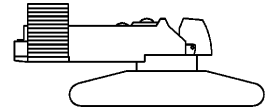


Liftcrane Luffing Jib Capacities

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

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



**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	133 600*			
28.0	72.2	112.6	130 500*			
30.0	70.3	111.9	120 100*			
32.0	68.4	111.1	111 100*			
34.0	66.4	110.2	103 300*			
36.0	64.4	109.2	96 200*			
38.0	62.4	108.2	89 900			
40.0	60.3	107.0	83 700	64.6	108.7	76 700
42.0	58.2	105.7	78 100	62.6	107.6	71 600
44.0	56.0	104.4	73 100	60.5	106.5	66 900
46.0	53.8	102.9	68 600	58.4	105.2	62 600
48.0	51.5	101.3	64 400	56.3	103.9	58 800
50.0	49.2	99.6	60 600	54.1	102.4	55 300
52.0	46.7	97.7	57 200	51.8	100.8	52 000
54.0	44.1	95.6	53 900	49.4	99.1	49 100
56.0	41.4	93.4	51 000	47.0	97.2	46 300
58.0	38.6	90.9	48 300	44.4	95.2	43 700
60.0	35.5	88.1	45 700	41.7	92.9	41 400
62.0	32.2	84.9	43 300	38.9	90.5	39 100
64.0	28.5	81.3	41 100	35.8	87.7	37 100
66.0	24.2	77.1	38 900	32.5	84.6	35 100
68.0	19.1	71.7	36 900	28.9	81.1	33 300
70.0	11.7	63.7	34 800	24.7	76.9	31 500
72.0				19.7	71.7	29 800
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	124 300*			
30.0	72.1	118.4	119 200*			
32.0	70.3	117.6	110 100*			
34.0	68.6	116.8	102 200*			
36.0	66.8	116.0	95 200*			
38.0	65.0	115.0	88 900*			
40.0	63.2	114.0	82 800	67.0	115.4	75 700
42.0	61.3	112.9	77 200	65.2	114.5	70 500
44.0	59.4	111.7	72 200	63.4	113.4	65 800
46.0	57.4	110.4	67 700	61.5	112.3	61 600
48.0	55.4	109.0	63 500	59.6	111.2	57 800
50.0	53.4	107.5	59 800	57.7	109.9	54 300
52.0	51.3	105.9	56 300	55.7	108.5	51 100
54.0	49.1	104.2	53 100	53.6	107.0	48 100
56.0	46.9	102.3	50 200	51.5	105.4	45 300
58.0	44.6	100.3	47 400	49.4	103.7	42 800
60.0	42.1	98.1	44 900	47.2	101.8	40 400
62.0	39.6	95.6	42 500	44.8	99.8	38 200
64.0	36.9	93.0	40 300	42.4	97.6	36 200
66.0	34.0	90.1	38 200	39.9	95.2	34 200
68.0	30.8	86.7	36 200	37.2	92.6	32 400
70.0	27.3	83.0	34 400	34.3	89.7	30 700
72.0	23.3	78.5	32 600	31.2	86.5	29 000*
74.0	18.4	72.9	30 900	27.7	82.7	27 200*
76.0	11.6	64.8	29 200	23.8	78.4	25 600*
78.0				19.0	72.9	24 000*
80.0				12.5	65.2	22 400*

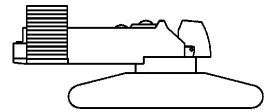


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 0 kg Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



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	108 700*			
34.0	70.4	123.4	100 900*			
36.0	68.8	122.6	93 800*			
38.0	67.1	121.7	87 600*			
40.0	65.5	120.8	81 600			
42.0	63.8	119.8	76 000			
44.0	62.1	118.8	71 000	65.7	120.3	64 500
46.0	60.4	117.6	66 500	64.0	119.3	60 300
48.0	58.6	116.4	62 400	62.3	118.2	56 500
50.0	56.8	115.1	58 600	60.5	117.1	53 000
52.0	54.9	113.7	55 200	58.8	115.8	49 700
54.0	53.1	112.1	52 000	57.0	114.5	46 800
56.0	51.1	110.5	49 000	55.1	113.1	44 100
58.0	49.1	108.8	46 300	53.3	111.6	41 500
60.0	47.1	106.9	43 800	51.3	110.0	39 200
62.0	44.9	104.9	41 400	49.4	108.3	37 000
64.0	42.7	102.7	39 200	47.3	106.5	35 000
66.0	40.4	100.4	37 200	45.2	104.5	33 000*
68.0	38.0	97.8	35 200	43.0	102.3	31 000*
70.0	35.4	95.1	33 400	40.7	100.0	29 100*
72.0	32.6	92.0	31 700	38.2	97.5	27 300*
74.0	29.6	88.5	30 000	35.7	94.7	25 700*
76.0	26.3	84.5	28 400	32.9	91.7	24 100*
78.0	22.5	79.9	26 900	30.0	88.2	22 600*
80.0	17.9	74.1	25 300*	26.7	84.3	21 100*
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	94 100*			
34.0	71.9	129.9	94 000*			
36.0	70.4	129.1	92 400*			
38.0	68.9	128.4	86 600*			
40.0	67.4	127.5	80 600			
42.0	65.9	126.6	75 100			
44.0	64.3	125.7	70 000			
46.0	62.8	124.6	65 500	66.0	126.1	59 200
48.0	61.2	123.5	61 400	64.5	125.1	55 400
50.0	59.6	122.3	57 600	62.9	124.1	51 900
52.0	57.9	121.1	54 200	61.3	123.0	48 700
54.0	56.2	119.7	51 000	59.7	121.8	45 800
56.0	54.5	118.3	48 100	58.1	120.5	43 000
58.0	52.8	116.7	45 400	56.4	119.2	40 500
60.0	51.0	115.1	42 800	54.7	117.8	38 200
62.0	49.1	113.4	40 500	53.0	116.2	35 800*
64.0	47.2	111.5	38 300	51.2	114.6	33 600*
66.0	45.3	109.5	36 200	49.3	112.9	31 500*
68.0	43.2	107.4	34 300	47.4	111.1	29 600*
70.0	41.1	105.1	32 500	45.5	109.1	27 800*
72.0	38.9	102.7	30 800	43.5	107.0	26 000*
74.0	36.6	100.0	29 200	41.3	104.7	24 300*
76.0	34.1	97.0	27 500	39.1	102.3	22 800*
78.0	31.5	93.8	25 900*	36.8	99.6	21 300*
80.0	28.6	90.2	24 300*	34.4	96.7	19 800*
84.0	21.8	81.3	21 300*	28.9	89.9	17 200*
88.0	11.4	66.9	18 500*	22.2	81.2	14 700*
92.0				12.2	67.4	12 200*

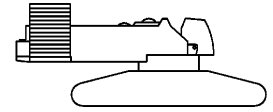


Liftcrane Luffing Jib Capacities

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

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



**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	80 300*			
36.0	71.8	135.6	80 200*			
38.0	70.4	134.9	79 800*			
40.0	69.1	134.1	79 000			
42.0	67.6	133.3	74 000			
44.0	66.2	132.4	68 900			
46.0	64.8	131.5	64 300			
48.0	63.3	130.4	60 200	66.4	131.9	54 100
50.0	61.9	129.4	56 400	65.0	130.9	50 500
52.0	60.4	128.2	53 000	63.5	129.9	47 400
54.0	58.9	127.0	49 900	62.0	128.8	44 400
56.0	57.3	125.7	46 900	60.5	127.7	41 500*
58.0	55.7	124.3	44 200	59.0	126.5	38 800*
60.0	54.1	122.9	41 700	57.5	125.2	36 400*
62.0	52.5	121.3	39 400	55.9	123.8	34 000*
64.0	50.8	119.7	37 200	54.3	122.4	31 800*
66.0	49.1	118.0	35 100	52.7	120.9	29 800*
68.0	47.3	116.1	33 200	51.0	119.2	27 800*
70.0	45.5	114.2	31 300	49.3	117.5	26 000*
72.0	43.7	112.1	29 400*	47.5	115.7	24 300*
74.0	41.7	109.8	27 600*	45.7	113.7	22 600*
76.0	39.7	107.4	26 000*	43.9	111.6	21 100*
78.0	37.6	104.8	24 300*	41.9	109.4	19 600*
80.0	35.3	102.0	22 800*	39.9	107.0	18 200*
84.0	30.4	95.6	19 900*	35.6	101.7	15 500*
88.0	24.6	87.6	17 200*	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	68 800*
42.0	69.2	139.9	68 400*
44.0	67.9	139.1	67 300*
46.0	66.5	138.2	63 400
48.0	65.2	137.3	59 200
50.0	63.8	136.3	55 500
52.0	62.5	135.2	52 000
54.0	61.1	134.1	48 800
56.0	59.7	132.9	45 900
58.0	58.2	131.7	43 200
60.0	56.8	130.4	40 700
62.0	55.3	129.0	38 300
64.0	53.8	127.5	36 200
66.0	52.3	125.9	34 100
68.0	50.7	124.3	32 000*
70.0	49.1	122.6	29 900*
72.0	47.5	120.7	28 100*
74.0	45.8	118.8	26 300*
76.0	44.0	116.7	24 600*
78.0	42.2	114.5	23 000*
80.0	40.3	112.2	21 500*
84.0	36.4	106.9	18 700*
88.0	31.9	100.8	16 000*
92.0	26.8	93.5	13 600*
96.0	20.6	84.0	11 300*
100.0	11.2	69.0	9 100*

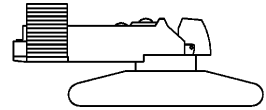


Liftcrane Luffing Jib Capacities

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

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



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	218 400* b			
20.0	66.1	82.7	197 700* b			
22.0	61.4	81.6	177 700* b			
24.0	56.3	80.2	161 100*			
26.0	50.9	78.6	147 100*	63.2	81.3	137 800* b
28.0	45.0	76.5	135 000*	58.2	80.0	126 500*
30.0	38.3	74.0	124 600*	53.0	78.5	116 700*
32.0	30.2	70.7	115 300*	47.3	76.6	108 100*
34.0				40.9	74.3	100 500
36.0				33.5	71.4	92 900
38.0				23.8	67.2	86 000

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	199 200* b			
20.0	70.8	89.4	197 200* b			
22.0	67.0	88.5	177 200* b			
24.0	63.2	87.4	160 600*			
26.0	59.2	86.2	146 700*			
28.0	55.0	84.8	134 800*	64.6	87.1	125 900*
30.0	50.5	83.1	124 400*	60.7	86.0	116 100*
32.0	45.8	81.2	115 400*	56.6	84.6	107 600*
34.0	40.5	78.9	107 300*	52.2	83.1	100 100
36.0	34.6	76.0	100 100	47.6	81.2	92 800
38.0	27.4	72.3	93 100	42.5	79.0	86 200
40.0				36.9	76.4	80 300
42.0				30.3	73.1	74 900
44.0				21.7	68.5	70 000

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

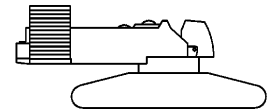


Liftcrane Luffing Jib Capacities

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

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



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	182 100* b			
22.0	70.8	95.1	176 100* b			
24.0	67.6	94.3	159 400*			
26.0	64.4	93.3	145 500*			
28.0	61.1	92.2	133 600*			
30.0	57.7	90.9	123 300*	65.6	92.9	114 700*
32.0	54.1	89.4	114 400*	62.3	91.9	106 200*
34.0	50.3	87.7	106 400*	59.0	90.6	98 800
36.0	46.3	85.8	99 400*	55.4	89.2	91 800
38.0	42.0	83.6	92 600	51.7	87.7	85 200
40.0	37.2	81.0	86 400	47.8	85.8	79 400
42.0	31.8	77.8	80 700	43.6	83.7	74 100
44.0	25.3	73.8	75 500	39.1	81.3	69 400
46.0				33.9	78.4	65 100
48.0				27.9	74.7	61 200
50.0				20.2	69.8	57 500

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	167 500*			
24.0	70.8	100.9	158 700*			
26.0	68.1	100.1	144 600*			
28.0	65.3	99.1	132 800*			
30.0	62.5	98.1	122 500*			
32.0	59.5	96.8	113 600*	66.3	98.7	105 200*
34.0	56.5	95.5	105 700*	63.5	97.7	97 800
36.0	53.4	94.0	98 700*	60.6	96.6	91 000
38.0	50.1	92.3	92 100	57.7	95.3	84 400
40.0	46.7	90.4	85 900	54.6	93.9	78 600
42.0	43.0	88.3	80 300	51.4	92.2	73 500
44.0	39.0	85.8	75 300	48.0	90.4	68 800
46.0	34.7	83.0	70 600	44.4	88.4	64 600
48.0	29.7	79.6	66 400	40.6	86.1	60 700
50.0	23.8	75.3	62 500	36.4	83.4	57 100
52.0				31.6	80.2	53 900
54.0				26.1	76.3	50 800
56.0				19.1	71.0	47 900

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

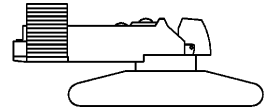


Liftcrane Luffing Jib Capacities

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

Meets
ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



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	154 300*			
26.0	70.8	106.6	143 300*			
28.0	68.4	105.8	131 400*			
30.0	66.0	104.9	121 200*			
32.0	63.5	103.9	112 300*			
34.0	61.0	102.8	104 400*	66.9	104.5	96 400*
36.0	58.3	101.5	97 400*	64.4	103.6	89 600
38.0	55.7	100.1	91 100	61.9	102.5	83 100
40.0	52.9	98.6	84 900	59.3	101.3	77 300
42.0	50.0	96.9	79 300	56.7	99.9	72 200
44.0	47.0	95.1	74 300	53.9	98.5	67 600
46.0	43.8	93.0	69 800	51.1	96.8	63 400
48.0	40.4	90.6	65 600	48.1	95.0	59 600
50.0	36.7	87.9	61 800	45.0	93.0	56 100
52.0	32.6	84.9	58 300	41.7	90.8	52 800
54.0	28.0	81.2	55 100	38.1	88.2	49 900
56.0	22.5	76.6	52 000	34.2	85.3	47 100
58.0				29.8	81.9	44 500
60.0				24.7	77.8	42 100
62.0				18.2	72.2	39 700
64.0				5.9	61.3	37 300

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	142 800*			
26.0	72.9	113.1	142 300*			
28.0	70.8	112.4	130 400*			
30.0	68.7	111.6	120 200*			
32.0	66.5	110.7	111 300*			
34.0	64.3	109.7	103 500*			
36.0	62.1	108.7	96 500*			
38.0	59.8	107.5	90 300*	65.1	109.4	82 100
40.0	57.4	106.2	84 100	62.9	108.3	76 300
42.0	55.0	104.8	78 500	60.6	107.2	71 200
44.0	52.5	103.2	73 500	58.3	105.9	66 700
46.0	49.9	101.5	69 000	55.9	104.6	62 400
48.0	47.2	99.7	64 900	53.4	103.1	58 700
50.0	44.3	97.6	61 100	50.9	101.4	55 200
52.0	41.4	95.3	57 700	48.2	99.7	52 000
54.0	38.2	92.8	54 500	45.4	97.7	49 000
56.0	34.7	90.0	51 500	42.5	95.5	46 300
58.0	30.9	86.7	48 800	39.4	93.1	43 800
60.0	26.6	82.8	46 200	36.0	90.3	41 400
62.0	21.4	78.0	43 700	32.4	87.2	39 200
64.0	14.5	71.2	41 400	28.3	83.6	37 100
66.0				23.5	79.2	35 200
68.0				17.4	73.4	33 300
70.0				6.7	62.7	31 200

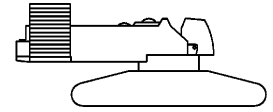


Liftcrane Luffing Jib Capacities

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

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



**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	124 000*			
30.0	70.8	118.2	118 900*			
32.0	68.9	117.4	110 000*			
34.0	66.9	116.5	102 100*			
36.0	64.9	115.6	95 200*			
38.0	62.9	114.5	89 000*			
40.0	60.9	113.4	83 000	65.7	115.2	75 000
42.0	58.8	112.2	77 400	63.7	114.2	69 900
44.0	56.6	110.8	72 400	61.6	113.1	65 300
46.0	54.4	109.4	67 900	59.6	111.9	61 100
48.0	52.1	107.8	63 800	57.4	110.6	57 400
50.0	49.8	106.1	60 100	55.2	109.2	53 900
52.0	47.4	104.3	56 600	53.0	107.7	50 700
54.0	44.8	102.3	53 500	50.7	106.0	47 800
56.0	42.2	100.1	50 500	48.3	104.2	45 100
58.0	39.3	97.6	47 800	45.8	102.3	42 600
60.0	36.3	94.9	45 200	43.2	100.2	40 300
62.0	33.1	91.9	42 900	40.4	97.8	38 100
64.0	29.5	88.4	40 600	37.5	95.2	36 100
66.0	25.4	84.3	38 500	34.3	92.3	34 100
68.0	20.6	79.3	36 500	30.9	89.0	32 300
70.0	14.1	72.3	34 600	27.0	85.2	30 600
72.0				22.5	80.6	29 000
74.0				16.8	74.6	27 300
76.0				7.2	64.0	25 400*

**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	115 300*			
32.0	70.8	123.9	108 900*			
34.0	69.0	123.1	101 100*			
36.0	67.3	122.3	94 100*			
38.0	65.5	121.3	87 900*			
40.0	63.6	120.3	82 100			
42.0	61.8	119.3	76 500	66.1	121.0	68 900
44.0	59.9	118.1	71 500	64.3	120.0	64 200
46.0	58.0	116.8	67 000	62.5	118.9	60 100
48.0	56.0	115.5	62 900	60.6	117.8	56 300
50.0	54.0	114.0	59 200	58.7	116.6	52 900
52.0	51.9	112.4	55 800	56.7	115.2	49 700
54.0	49.7	110.7	52 600	54.7	113.8	46 800
56.0	47.5	108.9	49 700	52.7	112.3	44 100
58.0	45.2	106.9	47 000	50.5	110.6	41 600
60.0	42.8	104.7	44 400	48.3	108.8	39 300
62.0	40.3	102.4	42 100	46.1	106.9	37 200
64.0	37.6	99.8	39 900	43.7	104.8	35 100
66.0	34.7	96.9	37 800	41.2	102.6	33 200
68.0	31.7	93.7	35 800	38.6	100.1	31 400
70.0	28.3	90.1	34 000	35.8	97.3	29 700
72.0	24.4	85.8	32 200	32.8	94.2	28 000*
74.0	19.8	80.6	30 500	29.6	90.8	26 300*
76.0	13.8	73.4	28 900	25.9	86.8	24 700*
78.0				21.7	82.0	23 200*
80.0				16.3	75.7	21 600*

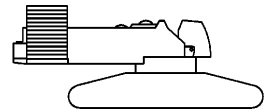


Liftcrane Luffing Jib Capacities

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

Meets
ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



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	101 100*			
34.0	70.8	129.7	98 700*			
36.0	69.2	128.9	93 000*			
38.0	67.6	128.1	86 600*			
40.0	65.9	127.2	80 900			
42.0	64.2	126.2	75 300			
44.0	62.5	125.1	70 400	66.5	126.8	62 900
46.0	60.8	124.0	65 800	64.9	125.8	58 700
48.0	59.1	122.8	61 800	63.2	124.8	55 000
50.0	57.3	121.5	58 000	61.5	123.7	51 500
52.0	55.4	120.1	54 600	59.7	122.5	48 400
54.0	53.6	118.6	51 500	57.9	121.2	45 500
56.0	51.6	117.0	48 500	56.1	119.9	42 800
58.0	49.7	115.3	45 800	54.3	118.4	40 400
60.0	47.6	113.5	43 300	52.4	116.9	38 100
62.0	45.5	111.5	41 000	50.4	115.2	35 900
64.0	43.3	109.4	38 800	48.4	113.5	33 900
66.0	41.0	107.1	36 700	46.3	111.5	31 900*
68.0	38.6	104.6	34 800	44.2	109.5	29 900*
70.0	36.1	101.9	33 000	41.9	107.2	28 100*
72.0	33.4	98.9	31 300	39.5	104.8	26 400*
74.0	30.4	95.5	29 600	37.1	102.2	24 700*
76.0	27.2	91.7	28 100	34.4	99.3	23 100*
78.0	23.6	87.3	26 600	31.6	96.1	21 700*
80.0	19.2	81.9	25 100	28.5	92.5	20 200*
84.0				20.9	83.3	17 500*
88.0				7.8	66.4	14 700*

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	86 900*			
34.0	72.3	136.1	86 900*			
36.0	70.8	135.4	86 500*			
38.0	69.3	134.7	85 100*			
40.0	67.8	133.8	79 900			
42.0	66.3	132.9	74 300			
44.0	64.7	132.0	69 400			
46.0	63.2	131.0	64 800	66.9	132.6	57 600
48.0	61.6	129.9	60 800	65.3	131.6	53 900
50.0	60.0	128.7	57 000	63.8	130.6	50 500
52.0	58.3	127.5	53 600	62.2	129.6	47 300
54.0	56.7	126.1	50 500	60.6	128.4	44 400
56.0	55.0	124.7	47 600	59.0	127.2	41 800
58.0	53.2	123.2	44 900	57.3	125.9	39 300
60.0	51.4	121.6	42 400	55.6	124.5	36 900
62.0	49.6	119.9	40 000	53.9	123.1	34 600*
64.0	47.7	118.1	37 800	52.1	121.5	32 500*
66.0	45.8	116.2	35 800	50.3	119.8	30 400*
68.0	43.8	114.1	33 900	48.4	118.1	28 500*
70.0	41.7	111.8	32 100	46.5	116.2	26 700*
72.0	39.5	109.4	30 400	44.5	114.1	25 000*
74.0	37.2	106.8	28 800	42.5	111.9	23 400*
76.0	34.8	103.9	27 200	40.3	109.6	21 800*
78.0	32.2	100.8	25 700*	38.1	107.0	20 300*
80.0	29.4	97.3	24 100*	35.7	104.3	18 900*
84.0	22.8	88.7	21 200*	30.4	97.9	16 300*
88.0	13.3	75.6	18 400*	24.2	89.8	13 900*
92.0				15.5	78.0	11 500*

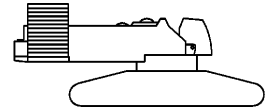


Liftcrane Luffing Jib Capacities

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 Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



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

85 Degree Boom Angle			
Jib Oper. Rad. m	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
35.1	72.8	142.2	75 300*
36.0	72.2	141.9	75 300*
38.0	70.8	141.2	75 000*
40.0	69.4	140.4	74 600*
42.0	68.0	139.6	72 600
44.0	66.6	138.7	68 300
46.0	65.2	137.8	63 700
48.0	63.7	136.8	59 600
50.0	62.3	135.7	55 800
52.0	60.8	134.6	52 400
54.0	59.3	133.4	49 300
56.0	57.7	132.1	46 400
58.0	56.2	130.8	43 700
60.0	54.6	129.4	41 200
62.0	52.9	127.8	38 900
64.0	51.3	126.2	36 700
66.0	49.6	124.5	34 600
68.0	47.8	122.7	32 700
70.0	46.0	120.8	30 900
72.0	44.2	118.7	29 200*
74.0	42.2	116.5	27 400*
76.0	40.2	114.1	25 700*
78.0	38.1	111.6	24 100*
80.0	35.9	108.9	22 600*
84.0	31.1	102.6	19 700*
88.0	25.5	94.9	17 100*
92.0	18.2	84.4	14 600*

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

85 Degree Boom Angle			
Jib Oper. Rad. m	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
38.1	72.0	147.6	65 200*
40.0	70.8	146.9	64 900*
42.0	69.5	146.2	64 600*
44.0	68.2	145.4	64 200*
46.0	66.9	144.5	62 800
48.0	65.6	143.6	58 500
50.0	64.2	142.6	54 800
52.0	62.8	141.6	51 400
54.0	61.5	140.5	48 300
56.0	60.1	139.3	45 400
58.0	58.6	138.1	42 700
60.0	57.2	136.8	40 200
62.0	55.7	135.4	37 900
64.0	54.2	134.0	35 700
66.0	52.7	132.4	33 600
68.0	51.1	130.8	31 600*
70.0	49.5	129.1	29 700*
72.0	47.9	127.3	27 800*
74.0	46.2	125.4	26 000*
76.0	44.5	123.3	24 400*
78.0	42.7	121.2	22 800*
80.0	40.8	118.9	21 300*
84.0	36.9	113.7	18 400*
88.0	32.5	107.8	15 800*
92.0	27.6	100.6	13 500*
96.0	21.5	91.5	11 200*
100.0	12.9	77.8	9 000*

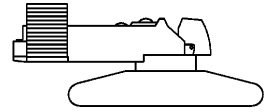


Liftcrane Luffing Jib Capacities

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

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER

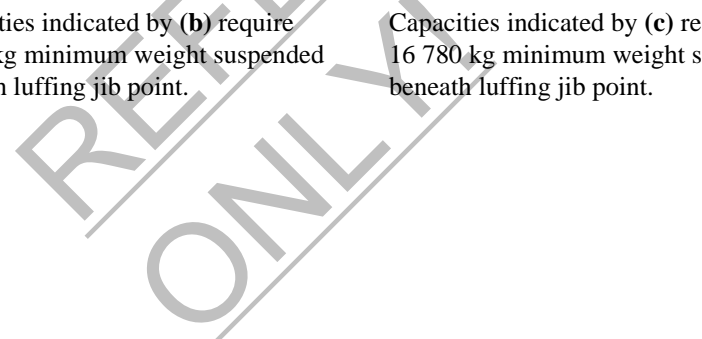


61.0m (200 Ft.) Boom 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.3	90.3	271 900*c							15.2
16.0	71.6	90.0	258 700*c							16.0
18.0	67.1	89.2	226 800*b							18.0
20.0	62.3	88.1	201 800*b	67.4	89.0	196 000*b				20.0
22.0	57.4	86.8	181 400*	62.6	87.9	176 200*b				22.0
24.0	52.0	85.2	164 400*	57.7	86.7	159 700*				24.0
26.0	46.2	83.2	150 100*	52.4	85.1	145 800*	65.7	87.8	135 100*b	26.0
28.0	39.7	80.9	137 700*	46.6	83.2	133 800*	60.9	86.7	124 000*b	28.0
30.0	32.0	77.8	127 000*	40.2	80.8	123 500*	55.8	85.3	114 400*	30.0
32.0	21.7	73.2	117 400*	32.6	77.8	114 400*	50.4	83.6	106 000*	32.0
34.0				22.5	73.4	106 100*	44.4	81.6	98 500	34.0
36.0							37.6	79.0	91 400	36.0
38.0							29.3	75.6	84 700	38.0

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

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



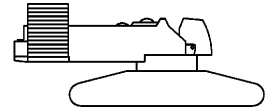


Liftcrane Luffing Jib Capacities

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

Meets ANSI B30.5 Requirements

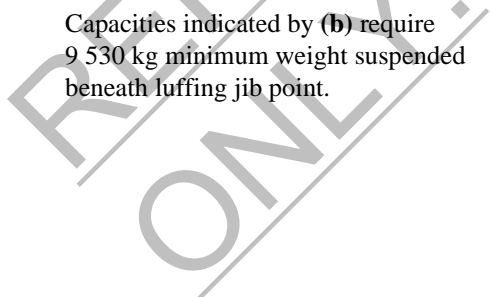
18000 With 21000 MAX-ER



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.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
16.8	73.7	96.2	240 000* b							16.8
18.0	71.5	95.8	225 700* b							18.0
20.0	67.8	94.9	201 300* b	71.7	95.6	195 500* b				20.0
22.0	64.0	93.9	181 000* b	68.0	94.8	175 600* b				22.0
24.0	60.0	92.7	164 100*	64.2	93.8	159 200*				24.0
26.0	55.9	91.4	149 800*	60.3	92.6	145 400*				26.0
28.0	51.5	89.8	137 700*	56.1	91.3	133 500*	66.7	93.7	123 200* b	28.0
30.0	46.8	87.9	127 100*	51.8	89.7	123 300*	62.8	92.6	113 600*	30.0
32.0	41.6	85.6	117 900*	47.1	87.8	114 300*	58.8	91.4	105 300*	32.0
34.0	35.9	82.9	109 600*	42.0	85.6	106 300*	54.6	89.9	98 000	34.0
36.0	29.0	79.4	102 300*	36.2	82.9	99 300*	50.1	88.2	91 200	36.0
38.0	19.9	74.5	95 600*	29.5	79.5	92 700	45.3	86.2	84 600	38.0
40.0				20.6	74.7	86 200	40.0	83.9	78 800	40.0
42.0							33.9	81.0	73 600	42.0
44.0							26.6	77.2	68 800	44.0

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



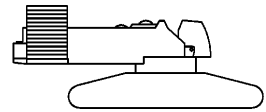


Liftcrane Luffing Jib Capacities

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

Meets
ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



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	205 600* b							18.3
20.0	71.4	101.5	198 100* b							20.0
22.0	68.3	100.7	180 200* b	71.6	101.4	174 500* b				22.0
24.0	65.1	99.8	163 000*	68.5	100.6	157 900*				24.0
26.0	61.8	98.7	148 800*	65.3	99.6	144 100*				26.0
28.0	58.4	97.4	136 700*	62.0	98.6	132 400*				28.0
30.0	54.8	96.0	126 200*	58.6	97.3	122 200*				30.0
32.0	51.1	94.4	117 000*	55.0	95.9	113 300*	64.1	98.4	103 900*	32.0
34.0	47.1	92.5	108 900*	51.3	94.3	105 400*	60.8	97.3	96 600*	34.0
36.0	42.9	90.3	101 700*	47.4	92.4	98 400*	57.3	96.0	89 900	36.0
38.0	38.2	87.8	95 200*	43.2	90.3	92 100	53.7	94.5	83 500	38.0
40.0	33.0	84.8	89 100	38.5	87.8	85 900	49.9	92.8	77 800	40.0
42.0	26.8	81.0	83 200	33.3	84.8	80 200	45.9	90.9	72 700	42.0
44.0	18.5	75.7	77 800	27.2	81.1	75 100	41.5	88.6	68 100	44.0
46.0				19.2	75.9	70 400	36.7	86.0	63 800	46.0
48.0							31.3	82.8	60 000	48.0
50.0							24.6	78.6	56 400	50.0

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

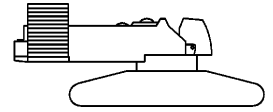


Liftcrane Luffing Jib Capacities

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

Meets ANSI B30.5 Requirements

18000 With 21000 MAX-ER



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 Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.2	108.1	177 000* b							19.8
20.0	74.0	108.0	176 500* b							20.0
22.0	71.3	107.3	170 700* b							22.0
24.0	68.6	106.5	161 700*							24.0
26.0	65.9	105.6	148 000*	68.8	106.3	143 200*				26.0
28.0	63.0	104.5	135 900*	66.0	105.4	131 500*				28.0
30.0	60.1	103.4	125 500*	63.2	104.4	121 300*				30.0
32.0	57.1	102.1	116 300*	60.3	103.3	112 500*	67.8	105.2	102 800*	32.0
34.0	54.0	100.6	108 200*	57.3	102.0	104 600*	65.0	104.3	95 600*	34.0
36.0	50.8	98.9	101 100*	54.2	100.5	97 700*	62.2	103.2	89 000	36.0
38.0	47.4	97.1	94 600*	51.0	98.9	91 500*	59.3	102.0	82 700	38.0
40.0	43.8	95.0	88 800	47.6	97.0	85 400	56.2	100.6	77 000	40.0
42.0	39.9	92.6	83 000	44.0	95.0	79 800	53.1	99.1	71 900	42.0
44.0	35.6	89.9	77 800	40.1	92.6	74 800	49.8	97.4	67 400	44.0
46.0	30.8	86.6	73 000	35.9	89.9	70 200	46.3	95.5	63 200	46.0
48.0	25.1	82.5	68 700	31.1	86.6	66 100	42.6	93.3	59 400	48.0
50.0	17.6	76.8	64 600	25.5	82.6	62 200	38.6	90.8	55 900	50.0
52.0				18.1	77.1	58 600	34.2	87.9	52 700	52.0
54.0							29.2	84.5	49 700	54.0
56.0							23.1	80.0	46 900	56.0

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

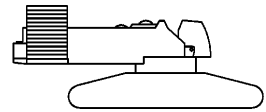


Liftcrane Luffing Jib Capacities

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

Meets
ANSI B30.5
 Requirements

18000 With
21000 MAX-ER



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	152 400* b							22.0
24.0	71.3	113.1	147 300*							24.0
26.0	68.9	112.3	141 800*	71.4	112.9	141 900*				26.0
28.0	66.5	111.4	135 000*	69.0	112.1	130 100*				28.0
30.0	64.0	110.4	124 300*	66.6	111.2	120 000*				30.0
32.0	61.5	109.3	115 100*	64.2	110.2	111 100*				32.0
34.0	58.9	108.1	107 100*	61.6	109.2	103 300*				34.0
36.0	56.2	106.7	99 900*	59.0	107.9	96 400*	65.7	110.1	87 600	36.0
38.0	53.5	105.2	93 600*	56.4	106.6	90 200*	63.2	109.1	81 300	38.0
40.0	50.6	103.6	87 800	53.6	105.1	84 400	60.7	107.9	75 700	40.0
42.0	47.6	101.7	82 100	50.8	103.5	78 800	58.1	106.7	70 600	42.0
44.0	44.4	99.7	76 900	47.8	101.6	73 800	55.4	105.3	66 100	44.0
46.0	41.1	97.4	72 300	44.6	99.6	69 300	52.6	103.7	61 900	46.0
48.0	37.4	94.8	68 000	41.3	97.3	65 200	49.7	102.0	58 200	48.0
50.0	33.5	91.8	64 100	37.7	94.8	61 400	46.7	100.1	54 800	50.0
52.0	29.0	88.3	60 500	33.7	91.8	58 000	43.4	98.0	51 600	52.0
54.0	23.7	83.9	57 100	29.3	88.3	54 700	40.0	95.6	48 700	54.0
56.0	16.8	78.0	53 900	24.1	84.1	51 700	36.3	92.9	46 000	56.0
58.0				17.3	78.3	48 900	32.2	89.8	43 500	58.0
60.0							27.5	86.1	41 100	60.0
62.0							21.9	81.4	38 800	62.0
64.0							14.0	74.6	36 700	64.0

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

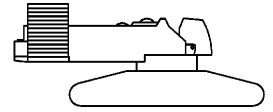


Liftcrane Luffing Jib Capacities

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

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



**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 Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.5	119.9	134 300*							22.9
24.0	73.3	119.5	132 100*							24.0
26.0	71.2	118.8	128 100*							26.0
28.0	69.1	118.0	123 800*	71.4	118.7	129 200*				28.0
30.0	66.9	117.2	119 200*	69.2	117.9	119 000*				30.0
32.0	64.7	116.2	114 200*	67.1	117.0	110 100*				32.0
34.0	62.5	115.2	106 200*	64.9	116.1	102 300*				34.0
36.0	60.2	114.0	99 100*	62.7	115.0	95 500*				36.0
38.0	57.9	112.7	92 700*	60.4	113.9	89 300*	66.3	115.9	80 300	38.0
40.0	55.5	111.3	86 900	58.0	112.6	83 600	64.1	114.9	74 600	40.0
42.0	53.0	109.8	81 400	55.6	111.2	78 100	61.8	113.8	69 600	42.0
44.0	50.4	108.2	76 300	53.1	109.7	73 100	59.5	112.6	65 100	44.0
46.0	47.7	106.3	71 600	50.6	108.1	68 600	57.2	111.3	61 000	46.0
48.0	44.9	104.3	67 300	47.9	106.2	64 500	54.7	109.9	57 300	48.0
50.0	42.0	102.1	63 500	45.1	104.2	60 700	52.2	108.3	53 900	50.0
52.0	38.8	99.6	59 900	42.2	102.1	57 300	49.6	106.6	50 700	52.0
54.0	35.4	96.8	56 600	39.0	99.6	54 100	46.9	104.7	47 800	54.0
56.0	31.7	93.7	53 500	35.7	96.8	51 200	44.1	102.7	45 200	56.0
58.0	27.5	89.9	50 700	32.0	93.7	48 400	41.1	100.4	42 700	58.0
60.0	22.6	85.3	48 000	27.8	90.0	45 900	37.8	97.8	40 400	60.0
62.0	16.2	79.2	45 400	22.9	85.5	43 400	34.4	94.9	38 200	62.0
64.0				16.6	79.4	41 100	30.5	91.6	36 200	64.0
66.0							26.1	87.7	34 200	66.0
68.0							20.9	82.7	32 400	68.0
70.0							13.6	75.6	30 600	70.0