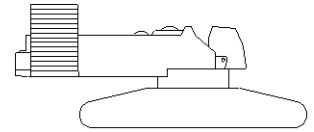


Liftcrane Luffing Jib Capacities

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**

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and may be based on percent of tipping, strength of structural components, some operating speeds and other factors. 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. 8595-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 with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8600-A**. Maximum available travel speed is 0.7 MPH (0.3 m/s). Travel with load (pick and carry) is not restricted with available travel speed.

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.

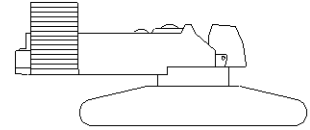
Upper Luffing Jib Point Capacity For Liftcrane Service - Whip Line		
28 mm		32 mm
Drum 2	Drum 3	Drum 2
Single Part Line		
16 240 kg	13 610 kg	22 140 kg
Two Part Line		
Upper Boom Point No. A08516		
32 480 kg	27 220 kg	44 270 kg
In all cases, upper luffing jib point capacities cannot exceed those listed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

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	240 700* b			
18.0	69.5	77.3	222 800* b			
20.0	64.9	76.3	197 900* b			
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	94 000
38.0				16.2	57.7	86 800

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	217 900* b			
20.0	69.8	83.1	197 300* b			
22.0	66.0	82.2	177 300* b			
24.0	62.1	81.1	160 800*			
26.0	58.1	79.8	146 800*	66.4	81.6	138 400* b
28.0	53.8	78.3	134 900*	62.6	80.5	127 100*
30.0	49.3	76.6	124 500*	58.5	79.3	117 300*
32.0	44.4	74.5	115 500*	54.3	77.8	108 800*
34.0	39.0	72.1	107 400*	49.8	76.1	101 200
36.0	32.8	69.1	100 200*	45.0	74.1	94 100
38.0	25.2	65.0	93 200	39.7	71.7	87 300
40.0				33.6	68.8	81 300
42.0				26.1	64.9	75 900
44.0				15.1	58.8	70 700

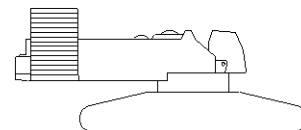
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	182 300*(b)			
22.0	69.9	88.8	176 400*(b)			
24.0	66.8	87.9	159 600*			
26.0	63.5	86.9	145 700*			
28.0	60.2	85.8	133 800*			
30.0	56.7	84.4	123 500*	63.9	86.4	116 000*
32.0	53.1	82.9	114 500*	60.6	85.2	107 500*
34.0	49.3	81.2	106 500*	57.1	83.9	100 000*
36.0	45.2	79.2	99 500*	53.5	82.4	93 100
38.0	40.8	76.9	92 900	49.7	80.7	86 400
40.0	35.9	74.1	86 500	45.6	78.7	80 500
42.0	30.2	70.8	80 800	41.3	76.5	75 200
44.0	23.3	66.4	75 600	36.4	73.8	70 400
46.0				30.9	70.5	66 000
48.0				24.2	66.3	62 000
50.0				14.4	59.8	58 200

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	167 800*			
24.0	70.1	94.6	158 900*			
26.0	67.3	93.7	144 900*			
28.0	64.6	92.8	133 000*			
30.0	61.7	91.7	122 700*			
32.0	58.8	90.4	113 700*	64.9	92.2	106 500*
34.0	55.7	89.1	105 900*	62.0	91.1	99 100*
36.0	52.5	87.5	98 800*	59.1	89.9	92 200
38.0	49.2	85.8	92 400	56.0	88.6	85 700
40.0	45.7	83.8	86 100	52.9	87.0	79 800
42.0	42.0	81.6	80 500	49.6	85.3	74 600
44.0	37.9	79.1	75 400	46.1	83.4	69 900
46.0	33.4	76.1	70 800	42.4	81.2	65 600
48.0	28.2	72.5	66 600	38.4	78.7	61 600
50.0	21.9	67.8	62 700	33.9	75.8	58 100
52.0				28.9	72.2	54 700
54.0				22.7	67.7	51 600
56.0				13.8	60.9	48 600

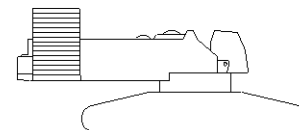
Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	154 600*			
26.0	70.2	100.3	143 600*			
28.0	67.8	99.5	131 700*			
30.0	65.3	98.6	121 400*			
32.0	62.8	97.5	112 500*			
34.0	60.3	96.4	104 600*	65.6	98.0	97 600*
36.0	57.6	95.1	97 600*	63.1	97.0	90 900
38.0	54.9	93.7	91 400*	60.6	95.8	84 500
40.0	52.1	92.1	85 200	57.9	94.6	78 600
42.0	49.2	90.4	79 600	55.2	93.2	73 400
44.0	46.1	88.4	74 600	52.4	91.6	68 700
46.0	42.9	86.3	70 000	49.5	89.9	64 500
48.0	39.4	83.9	65 800	46.5	88.0	60 600
50.0	35.6	81.1	62 000	43.2	85.9	57 000
52.0	31.4	77.9	58 500	39.8	83.5	53 800
54.0	26.6	74.0	55 200	36.1	80.8	50 700
56.0	20.8	69.1	52 200	31.9	77.6	47 900
58.0				27.2	73.8	45 300
60.0				21.5	69.1	42 800
62.0				13.4	62.0	40 400

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

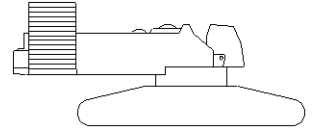
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms
25.9	72.4	106.9	143 100*			
26.0	72.3	106.8	142 500*			
28.0	70.2	106.1	130 700*			
30.0	68.1	105.3	120 500*			
32.0	65.9	104.4	111 600*			
34.0	63.7	103.4	103 700*			
36.0	61.4	102.3	96 700*	66.2	103.8	89 900
38.0	59.1	101.1	90 500*	64.0	102.8	83 500
40.0	56.8	99.7	84 400	61.7	101.7	77 700
42.0	54.3	98.3	78 800	59.4	100.5	72 500
44.0	51.8	96.7	73 800	57.0	99.2	67 800
46.0	49.2	95.0	69 300	54.6	97.8	63 600
48.0	46.4	93.1	65 100	52.1	96.2	59 700
50.0	43.6	91.0	61 300	49.5	94.5	56 200
52.0	40.5	88.6	57 900	46.7	92.6	53 000
54.0	37.3	86.0	54 700	43.9	90.5	50 000
56.0	33.7	83.1	51 700	40.9	88.2	47 200
58.0	29.8	79.6	48 900	37.6	85.7	44 700
60.0	25.3	75.6	46 300	34.1	82.7	42 200
62.0	19.8	70.4	43 900	30.3	79.4	40 000
64.0	11.9	62.6	41 500	25.9	75.4	37 800
66.0				20.5	70.4	35 800
68.0				13.0	63.1	33 800

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	132 500*			
28.0	72.2	112.6	129 400*			
30.0	70.3	111.9	119 100*			
32.0	68.4	111.1	110 200*			
34.0	66.4	110.2	102 400*			
36.0	64.4	109.2	95 400*			
38.0	62.4	108.2	89 100*			
40.0	60.3	107.0	83 300	64.6	108.7	76 300
42.0	58.2	105.7	77 700	62.6	107.6	71 200
44.0	56.0	104.4	72 700	60.5	106.5	66 500
46.0	53.8	102.9	68 200	58.4	105.2	62 300
48.0	51.5	101.3	64 100	56.3	103.9	58 500
50.0	49.2	99.6	60 300	54.1	102.4	55 000
52.0	46.7	97.7	56 800	51.8	100.8	51 700
54.0	44.1	95.6	53 700	49.4	99.1	48 800
56.0	41.4	93.4	50 700	47.0	97.2	46 000
58.0	38.6	90.9	48 000	44.4	95.2	43 500
60.0	35.5	88.1	45 400	41.7	92.9	41 100
62.0	32.2	84.9	43 000	38.9	90.5	38 900
64.0	28.5	81.3	40 800	35.8	87.7	36 800
66.0	24.2	77.1	38 700	32.5	84.6	34 900
68.0	19.1	71.7	36 600	28.9	81.1	33 000
70.0	11.7	63.7	34 700	24.7	76.9	31 300
72.0				19.7	71.7	29 600
74.0				12.8	64.2	27 900

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

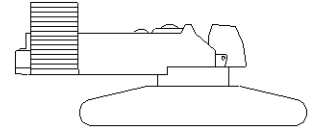
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
29.0	73.0	118.7	123 200*			
30.0	72.1	118.4	118 200*			
32.0	70.3	117.6	109 100*			
34.0	68.6	116.8	101 300*			
36.0	66.8	116.0	94 300*			
38.0	65.0	115.0	88 100*			
40.0	63.2	114.0	82 400	67.0	115.4	75 300
42.0	61.3	112.9	76 800	65.2	114.5	70 200
44.0	59.4	111.7	71 800	63.4	113.4	65 500
46.0	57.4	110.4	67 300	61.5	112.3	61 300
48.0	55.4	109.0	63 200	59.6	111.2	57 500
50.0	53.4	107.5	59 400	57.7	109.9	54 000
52.0	51.3	105.9	56 000	55.7	108.5	50 700
54.0	49.1	104.2	52 800	53.6	107.0	47 800
56.0	46.9	102.3	49 900	51.5	105.4	45 100
58.0	44.6	100.3	47 200	49.4	103.7	42 500
60.0	42.1	98.1	44 700	47.2	101.8	40 200
62.0	39.6	95.6	42 300	44.8	99.8	38 000
64.0	36.9	93.0	40 100	42.4	97.6	35 900
66.0	34.0	90.1	38 000	39.9	95.2	34 000
68.0	30.8	86.7	36 000	37.2	92.6	32 200
70.0	27.3	83.0	34 200	34.3	89.7	30 500
72.0	23.3	78.5	32 400	31.2	86.5	28 900
74.0	18.4	72.9	30 700	27.7	82.7	27 300
76.0	11.6	64.8	29 000	23.8	78.4	25 800
78.0				19.0	72.9	24 200*
80.0				12.5	65.2	22 600*

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	107 800*			
34.0	70.4	123.4	100 000*			
36.0	68.8	122.6	93 000*			
38.0	67.1	121.7	86 800*			
40.0	65.5	120.8	81 200			
42.0	63.8	119.8	75 700			
44.0	62.1	118.8	70 700	65.7	120.3	64 200
46.0	60.4	117.6	66 200	64.0	119.3	59 900
48.0	58.6	116.4	62 000	62.3	118.2	56 200
50.0	56.8	115.1	58 300	60.5	117.1	52 700
52.0	54.9	113.7	54 800	58.8	115.8	49 500
54.0	53.1	112.1	51 700	57.0	114.5	46 500
56.0	51.1	110.5	48 800	55.1	113.1	43 800
58.0	49.1	108.8	46 100	53.3	111.6	41 300
60.0	47.1	106.9	43 500	51.3	110.0	38 900
62.0	44.9	104.9	41 200	49.4	108.3	36 800
64.0	42.7	102.7	39 000	47.3	106.5	34 700
66.0	40.4	100.4	36 900	45.2	104.5	32 800
68.0	38.0	97.8	35 000	43.0	102.3	31 000
70.0	35.4	95.1	33 200	40.7	100.0	29 300
72.0	32.6	92.0	31 400	38.2	97.5	27 500*
74.0	29.6	88.5	29 800	35.7	94.7	25 900*
76.0	26.3	84.5	28 200	32.9	91.7	24 300*
78.0	22.5	79.9	26 700	30.0	88.2	22 800*
80.0	17.9	74.1	25 300	26.7	84.3	21 300*
84.0				18.4	74.2	18 600*

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

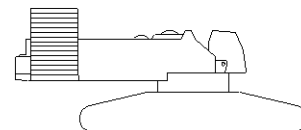
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
33.5	72.2	130.0	94 000*			
34.0	71.9	129.9	93 900*			
36.0	70.4	129.1	91 800*			
38.0	68.9	128.4	85 800*			
40.0	67.4	127.5	80 100			
42.0	65.9	126.6	74 700			
44.0	64.3	125.7	69 700			
46.0	62.8	124.6	65 200	66.0	126.1	58 900
48.0	61.2	123.5	61 100	64.5	125.1	55 100
50.0	59.6	122.3	57 300	62.9	124.1	51 600
52.0	57.9	121.1	53 900	61.3	123.0	48 400
54.0	56.2	119.7	50 700	59.7	121.8	45 500
56.0	54.5	118.3	47 800	58.1	120.5	42 800
58.0	52.8	116.7	45 100	56.4	119.2	40 300
60.0	51.0	115.1	42 600	54.7	117.8	37 900
62.0	49.1	113.4	40 300	53.0	116.2	35 800
64.0	47.2	111.5	38 100	51.2	114.6	33 700
66.0	45.3	109.5	36 000	49.3	112.9	31 700*
68.0	43.2	107.4	34 100	47.4	111.1	29 700*
70.0	41.1	105.1	32 300	45.5	109.1	27 900*
72.0	38.9	102.7	30 600	43.5	107.0	26 200*
74.0	36.6	100.0	28 900	41.3	104.7	24 500*
76.0	34.1	97.0	27 400	39.1	102.3	23 000*
78.0	31.5	93.8	25 900*	36.8	99.6	21 500*
80.0	28.6	90.2	24 300*	34.4	96.7	20 100*
84.0	21.8	81.3	21 400*	28.9	89.9	17 400*
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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	80 200*			
36.0	71.8	135.6	80 000*			
38.0	70.4	134.9	79 600*			
40.0	69.1	134.1	78 700			
42.0	67.6	133.3	73 600			
44.0	66.2	132.4	68 500			
46.0	64.8	131.5	64 000			
48.0	63.3	130.4	59 900	66.4	131.9	53 800
50.0	61.9	129.4	56 200	65.0	130.9	50 300
52.0	60.4	128.2	52 700	63.5	129.9	47 100
54.0	58.9	127.0	49 600	62.0	128.8	44 100
56.0	57.3	125.7	46 700	60.5	127.7	41 400
58.0	55.7	124.3	44 000	59.0	126.5	38 800*
60.0	54.1	122.9	41 400	57.5	125.2	36 400*
62.0	52.5	121.3	39 100	55.9	123.8	34 100*
64.0	50.8	119.7	36 900	54.3	122.4	31 900*
66.0	49.1	118.0	34 900	52.7	120.9	29 900*
68.0	47.3	116.1	33 000	51.0	119.2	27 900*
70.0	45.5	114.2	31 200	49.3	117.5	26 100*
72.0	43.7	112.1	29 400*	47.5	115.7	24 400*
74.0	41.7	109.8	27 600*	45.7	113.7	22 800*
76.0	39.7	107.4	25 900*	43.9	111.6	21 200*
78.0	37.6	104.8	24 300*	41.9	109.4	19 800*
80.0	35.3	102.0	22 800*	39.9	107.0	18 400*
84.0	30.4	95.6	20 000*	35.6	101.7	15 800*
88.0	24.6	87.6	17 300*	30.7	95.3	13 400*
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

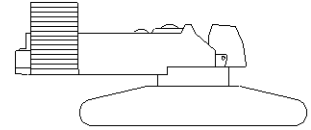
Jib Oper. Rad. m	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
36.6	72.7	141.9	69 300*
38.0	71.8	141.4	69 100*
40.0	70.5	140.7	68 600*
42.0	69.2	139.9	68 200*
44.0	67.9	139.1	67 200
46.0	66.5	138.2	63 000
48.0	65.2	137.3	58 900
50.0	63.8	136.3	55 100
52.0	62.5	135.2	51 700
54.0	61.1	134.1	48 600
56.0	59.7	132.9	45 600
58.0	58.2	131.7	42 900
60.0	56.8	130.4	40 400
62.0	55.3	129.0	38 100
64.0	53.8	127.5	35 900
66.0	52.3	125.9	33 900
68.0	50.7	124.3	31 800*
70.0	49.1	122.6	29 900*
72.0	47.5	120.7	28 000*
74.0	45.8	118.8	26 200*
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	16 100*
92.0	26.8	93.5	13 700*
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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	216 800* b			
20.0	66.1	82.7	196 200* b			
22.0	61.4	81.6	176 400* b			
24.0	56.3	80.2	159 900*			
26.0	50.9	78.6	145 900*	63.2	81.3	136 500* b
28.0	45.0	76.5	134 000*	58.2	80.0	125 300*
30.0	38.3	74.0	123 500*	53.0	78.5	115 700*
32.0	30.2	70.7	114 400*	47.3	76.6	107 100*
34.0				40.9	74.3	99 600*
36.0				33.5	71.4	92 600
38.0				23.8	67.2	85 700

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms
19.8	71.1	89.4	197 700* b			
20.0	70.8	89.4	195 700* b			
22.0	67.0	88.5	175 800* b			
24.0	63.2	87.4	159 400*			
26.0	59.2	86.2	145 600*			
28.0	55.0	84.8	133 700*	64.6	87.1	124 700*
30.0	50.5	83.1	123 400*	60.7	86.0	115 000*
32.0	45.8	81.2	114 400*	56.6	84.6	106 600*
34.0	40.5	78.9	106 500*	52.2	83.1	99 200*
36.0	34.6	76.0	99 400*	47.6	81.2	92 400
38.0	27.4	72.3	92 800	42.5	79.0	85 900
40.0				36.9	76.4	79 900
42.0				30.3	73.1	74 600
44.0				21.7	68.5	69 700

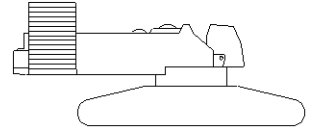
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	180 700*(b)			
22.0	70.8	95.1	174 800*(b)			
24.0	67.6	94.3	158 200*			
26.0	64.4	93.3	144 400*			
28.0	61.1	92.2	132 600*			
30.0	57.7	90.9	122 300*	65.6	92.9	113 600*
32.0	54.1	89.4	113 400*	62.3	91.9	105 200*
34.0	50.3	87.7	105 500*	59.0	90.6	97 900*
36.0	46.3	85.8	98 500*	55.4	89.2	91 200
38.0	42.0	83.6	92 200*	51.7	87.7	84 900
40.0	37.2	81.0	86 100	47.8	85.8	79 100
42.0	31.8	77.8	80 400	43.6	83.7	73 900
44.0	25.3	73.8	75 300	39.1	81.3	69 100
46.0				33.9	78.4	64 900
48.0				27.9	74.7	60 900
50.0				20.2	69.8	57 200

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	166 200*			
24.0	70.8	100.9	157 400*			
26.0	68.1	100.1	143 500*			
28.0	65.3	99.1	131 700*			
30.0	62.5	98.1	121 500*			
32.0	59.5	96.8	112 600*	66.3	98.7	104 200*
34.0	56.5	95.5	104 800*	63.5	97.7	96 900*
36.0	53.4	94.0	97 800*	60.6	96.6	90 400
38.0	50.1	92.3	91 600*	57.7	95.3	84 100
40.0	46.7	90.4	85 700	54.6	93.9	78 300
42.0	43.0	88.3	80 100	51.4	92.2	73 200
44.0	39.0	85.8	75 000	48.0	90.4	68 500
46.0	34.7	83.0	70 500	44.4	88.4	64 300
48.0	29.7	79.6	66 300	40.6	86.1	60 400
50.0	23.8	75.3	62 400	36.4	83.4	56 900
52.0				31.6	80.2	53 600
54.0				26.1	76.3	50 600
56.0				19.1	71.0	47 700

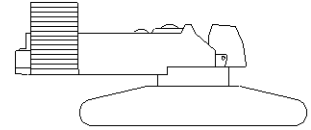
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms
24.4	72.7	107.2	153 000*			
26.0	70.8	106.6	142 100*			
28.0	68.4	105.8	130 400*			
30.0	66.0	104.9	120 200*			
32.0	63.5	103.9	111 400*			
34.0	61.0	102.8	103 600*	66.9	104.5	95 400*
36.0	58.3	101.5	96 600*	64.4	103.6	88 900*
38.0	55.7	100.1	90 400*	61.9	102.5	82 800
40.0	52.9	98.6	84 700	59.3	101.3	77 000
42.0	50.0	96.9	79 100	56.7	99.9	71 900
44.0	47.0	95.1	74 100	53.9	98.5	67 300
46.0	43.8	93.0	69 600	51.1	96.8	63 100
48.0	40.4	90.6	65 500	48.1	95.0	59 300
50.0	36.7	87.9	61 700	45.0	93.0	55 800
52.0	32.6	84.9	58 200	41.7	90.8	52 600
54.0	28.0	81.2	54 900	38.1	88.2	49 700
56.0	22.5	76.6	51 900	34.2	85.3	46 900
58.0				29.8	81.9	44 300
60.0				24.7	77.8	41 900
62.0				18.2	72.2	39 600
64.0				5.9	61.3	37 200

54.9m (180 Ft.) Boom 57.9m (190 Ft.) Luffing Jib

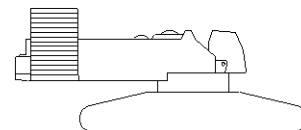
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms
25.9	73.0	113.1	141 700*			
26.0	72.9	113.1	141 100*			
28.0	70.8	112.4	129 400*			
30.0	68.7	111.6	119 200*			
32.0	66.5	110.7	110 400*			
34.0	64.3	109.7	102 600*			
36.0	62.1	108.7	95 600*			
38.0	59.8	107.5	89 500*	65.1	109.4	81 800
40.0	57.4	106.2	83 900	62.9	108.3	76 000
42.0	55.0	104.8	78 400	60.6	107.2	71 000
44.0	52.5	103.2	73 300	58.3	105.9	66 400
46.0	49.9	101.5	68 800	55.9	104.6	62 200
48.0	47.2	99.7	64 700	53.4	103.1	58 400
50.0	44.3	97.6	61 000	50.9	101.4	55 000
52.0	41.4	95.3	57 500	48.2	99.7	51 700
54.0	38.2	92.8	54 300	45.4	97.7	48 800
56.0	34.7	90.0	51 400	42.5	95.5	46 100
58.0	30.9	86.7	48 600	39.4	93.1	43 600
60.0	26.6	82.8	46 100	36.0	90.3	41 200
62.0	21.4	78.0	43 600	32.4	87.2	39 000
64.0	14.5	71.2	41 200	28.3	83.6	36 900
66.0				23.5	79.2	35 000
68.0				17.4	73.4	33 100
70.0				6.7	62.7	31 100

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	123 000*			
30.0	70.8	118.2	117 900*			
32.0	68.9	117.4	109 000*			
34.0	66.9	116.5	101 300*			
36.0	64.9	115.6	94 300*			
38.0	62.9	114.5	88 200*			
40.0	60.9	113.4	82 600	65.7	115.2	74 700
42.0	58.8	112.2	77 200	63.7	114.2	69 600
44.0	56.6	110.8	72 300	61.6	113.1	65 000
46.0	54.4	109.4	67 700	59.6	111.9	60 900
48.0	52.1	107.8	63 600	57.4	110.6	57 100
50.0	49.8	106.1	59 900	55.2	109.2	53 600
52.0	47.4	104.3	56 500	53.0	107.7	50 500
54.0	44.8	102.3	53 300	50.7	106.0	47 600
56.0	42.2	100.1	50 400	48.3	104.2	44 900
58.0	39.3	97.6	47 600	45.8	102.3	42 400
60.0	36.3	94.9	45 100	43.2	100.2	40 100
62.0	33.1	91.9	42 700	40.4	97.8	37 900
64.0	29.5	88.4	40 500	37.5	95.2	35 800
66.0	25.4	84.3	38 400	34.3	92.3	33 900
68.0	20.6	79.3	36 400	30.9	89.0	32 100
70.0	14.1	72.3	34 400	27.0	85.2	30 400
72.0				22.5	80.6	28 800
74.0				16.8	74.6	27 100
76.0				7.2	64.0	25 200*

54.9m (180 Ft.) Boom 70.1m (230 Ft.) Luffing Jib

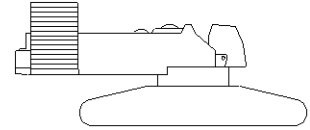
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
30.5	72.1	124.4	114 600*			
32.0	70.8	123.9	108 000*			
34.0	69.0	123.1	100 200*			
36.0	67.3	122.3	93 300*			
38.0	65.5	121.3	87 100*			
40.0	63.6	120.3	81 600			
42.0	61.8	119.3	76 300	66.1	121.0	68 600
44.0	59.9	118.1	71 300	64.3	120.0	64 000
46.0	58.0	116.8	66 800	62.5	118.9	59 800
48.0	56.0	115.5	62 700	60.6	117.8	56 100
50.0	54.0	114.0	59 000	58.7	116.6	52 600
52.0	51.9	112.4	55 600	56.7	115.2	49 500
54.0	49.7	110.7	52 400	54.7	113.8	46 600
56.0	47.5	108.9	49 500	52.7	112.3	43 900
58.0	45.2	106.9	46 800	50.5	110.6	41 400
60.0	42.8	104.7	44 300	48.3	108.8	39 100
62.0	40.3	102.4	41 900	46.1	106.9	37 000
64.0	37.6	99.8	39 700	43.7	104.8	34 900
66.0	34.7	96.9	37 700	41.2	102.6	33 000
68.0	31.7	93.7	35 700	38.6	100.1	31 300
70.0	28.3	90.1	33 900	35.8	97.3	29 500
72.0	24.4	85.8	32 100	32.8	94.2	27 800*
74.0	19.8	80.6	30 500	29.6	90.8	26 100*
76.0	13.8	73.4	28 800	25.9	86.8	24 500*
78.0				21.7	82.0	23 000*
80.0				16.3	75.7	21 500*

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	100 600*			
34.0	70.8	129.7	98 200*			
36.0	69.2	128.9	92 100*			
38.0	67.6	128.1	85 800*			
40.0	65.9	127.2	80 200*			
42.0	64.2	126.2	75 100			
44.0	62.5	125.1	70 100	66.5	126.8	62 600
46.0	60.8	124.0	65 700	64.9	125.8	58 500
48.0	59.1	122.8	61 600	63.2	124.8	54 700
50.0	57.3	121.5	57 800	61.5	123.7	51 300
52.0	55.4	120.1	54 400	59.7	122.5	48 200
54.0	53.6	118.6	51 300	57.9	121.2	45 300
56.0	51.6	117.0	48 400	56.1	119.9	42 600
58.0	49.7	115.3	45 700	54.3	118.4	40 100
60.0	47.6	113.5	43 200	52.4	116.9	37 800
62.0	45.5	111.5	40 800	50.4	115.2	35 600*
64.0	43.3	109.4	38 600	48.4	113.5	33 500*
66.0	41.0	107.1	36 600	46.3	111.5	31 500*
68.0	38.6	104.6	34 700	44.2	109.5	29 500*
70.0	36.1	101.9	32 800	41.9	107.2	27 800*
72.0	33.4	98.9	31 200	39.5	104.8	26 100*
74.0	30.4	95.5	29 500	37.1	102.2	24 500*
76.0	27.2	91.7	28 000	34.4	99.3	22 900*
78.0	23.6	87.3	26 400*	31.6	96.1	21 400*
80.0	19.2	81.9	24 800*	28.5	92.5	20 000*
84.0				20.9	83.3	17 300*
88.0				7.8	66.4	14 600*

54.9m (180 Ft.) Boom 82.3m (270 Ft.) Luffing Jib

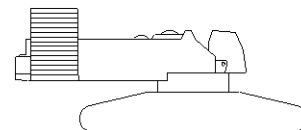
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
33.5	72.6	136.3	86 900*			
34.0	72.3	136.1	86 800*			
36.0	70.8	135.4	86 200*			
38.0	69.3	134.7	84 500*			
40.0	67.8	133.8	79 100*			
42.0	66.3	132.9	74 100			
44.0	64.7	132.0	69 200			
46.0	63.2	131.0	64 700	66.9	132.6	57 400
48.0	61.6	129.9	60 600	65.3	131.6	53 600
50.0	60.0	128.7	56 800	63.8	130.6	50 200
52.0	58.3	127.5	53 400	62.2	129.6	47 100
54.0	56.7	126.1	50 300	60.6	128.4	44 200
56.0	55.0	124.7	47 400	59.0	127.2	41 400*
58.0	53.2	123.2	44 700	57.3	125.9	38 800*
60.0	51.4	121.6	42 200	55.6	124.5	36 400*
62.0	49.6	119.9	39 900	53.9	123.1	34 100*
64.0	47.7	118.1	37 700	52.1	121.5	32 000*
66.0	45.8	116.2	35 700	50.3	119.8	30 000*
68.0	43.8	114.1	33 800	48.4	118.1	28 100*
70.0	41.7	111.8	32 000	46.5	116.2	26 400*
72.0	39.5	109.4	30 200	44.5	114.1	24 700*
74.0	37.2	106.8	28 500*	42.5	111.9	23 100*
76.0	34.8	103.9	26 800*	40.3	109.6	21 600*
78.0	32.2	100.8	25 200*	38.1	107.0	20 100*
80.0	29.4	97.3	23 700*	35.7	104.3	18 800*
84.0	22.8	88.7	20 800*	30.4	97.9	16 200*
88.0	13.3	75.6	18 000*	24.2	89.8	13 700*
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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



**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	75 200*
38.0	70.8	141.2	74 800*
40.0	69.4	140.4	74 300*
42.0	68.0	139.6	72 300
44.0	66.6	138.7	68 100
46.0	65.2	137.8	63 500
48.0	63.7	136.8	59 400
50.0	62.3	135.7	55 700
52.0	60.8	134.6	52 300
54.0	59.3	133.4	49 100
56.0	57.7	132.1	46 200
58.0	56.2	130.8	43 500
60.0	54.6	129.4	41 000
62.0	52.9	127.8	38 700
64.0	51.3	126.2	36 600
66.0	49.6	124.5	34 500
68.0	47.8	122.7	32 400*
70.0	46.0	120.8	30 500*
72.0	44.2	118.7	28 600*
74.0	42.2	116.5	26 900*
76.0	40.2	114.1	25 200*
78.0	38.1	111.6	23 600*
80.0	35.9	108.9	22 200*
84.0	31.1	102.6	19 300*
88.0	25.5	94.9	16 700*
92.0	18.2	84.4	14 300*

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

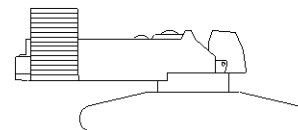
85 Degree Boom Angle			
Jib Oper. Rad. m	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
38.1	72.0	147.6	65 100*
40.0	70.8	146.9	64 700*
42.0	69.5	146.2	64 400*
44.0	68.2	145.4	63 900*
46.0	66.9	144.5	62 600
48.0	65.6	143.6	58 400
50.0	64.2	142.6	54 600
52.0	62.8	141.6	51 200
54.0	61.5	140.5	48 100
56.0	60.1	139.3	45 200
58.0	58.6	138.1	42 500
60.0	57.2	136.8	40 000
62.0	55.7	135.4	37 600*
64.0	54.2	134.0	35 200*
66.0	52.7	132.4	33 100*
68.0	51.1	130.8	31 000*
70.0	49.5	129.1	29 100*
72.0	47.9	127.3	27 200*
74.0	46.2	125.4	25 500*
76.0	44.5	123.3	23 900*
78.0	42.7	121.2	22 300*
80.0	40.8	118.9	20 800*
84.0	36.9	113.7	18 000*
88.0	32.5	107.8	15 500*
92.0	27.6	100.6	13 100*
96.0	21.5	91.5	10 900*
100.0	12.9	77.8	8 700*

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	269 800* c							15.2
16.0	71.6	90.0	256 800* c							16.0
18.0	67.1	89.2	225 300* b							18.0
20.0	62.3	88.1	200 300* b	67.4	89.0	194 600* b				20.0
22.0	57.4	86.8	180 100*	62.6	87.9	174 900* b				22.0
24.0	52.0	85.2	163 200*	57.7	86.7	158 600*				24.0
26.0	46.2	83.2	149 000*	52.4	85.1	144 700*	65.7	87.8	134 000* b	26.0
28.0	39.7	80.9	136 700*	46.6	83.2	132 900*	60.9	86.7	123 000* b	28.0
30.0	32.0	77.8	126 000*	40.2	80.8	122 600*	55.8	85.3	113 500*	30.0
32.0	21.7	73.2	116 500*	32.6	77.8	113 500*	50.4	83.6	105 200*	32.0
34.0				22.5	73.4	105 300*	44.4	81.6	97 800*	34.0
36.0							37.6	79.0	91 000	36.0
38.0							29.3	75.6	84 400	38.0

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

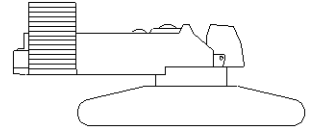
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

18000

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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 Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	73.7	96.2	239 300*b							16.8
18.0	71.5	95.8	224 300*b							18.0
20.0	67.8	94.9	199 900*b	71.7	95.6	194 100*b				20.0
22.0	64.0	93.9	179 700*b	68.0	94.8	174 300*b				22.0
24.0	60.0	92.7	162 900*	64.2	93.8	158 000*				24.0
26.0	55.9	91.4	148 800*	60.3	92.6	144 300*				26.0
28.0	51.5	89.8	136 700*	56.1	91.3	132 500*	66.7	93.7	122 300*b	28.0
30.0	46.8	87.9	126 100*	51.8	89.7	122 300*	62.8	92.6	112 800*	30.0
32.0	41.6	85.6	116 900*	47.1	87.8	113 500*	58.8	91.4	104 500*	32.0
34.0	35.9	82.9	108 800*	42.0	85.6	105 500*	54.6	89.9	97 200*	34.0
36.0	29.0	79.4	101 500*	36.2	82.9	98 500*	50.1	88.2	90 700	36.0
38.0	19.9	74.5	94 800*	29.5	79.5	92 100*	45.3	86.2	84 400	38.0
40.0				20.6	74.7	85 900	40.0	83.9	78 600	40.0
42.0							33.9	81.0	73 400	42.0
44.0							26.6	77.2	68 600	44.0

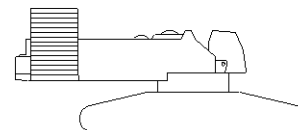
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	204 900*b							18.3
20.0	71.4	101.5	197 800*b							20.0
22.0	68.3	100.7	178 800*b	71.6	101.4	173 200*b				22.0
24.0	65.1	99.8	161 800*	68.5	100.6	156 700*				24.0
26.0	61.8	98.7	147 700*	65.3	99.6	143 100*				26.0
28.0	58.4	97.4	135 700*	62.0	98.6	131 400*				28.0
30.0	54.8	96.0	125 200*	58.6	97.3	121 200*				30.0
32.0	51.1	94.4	116 100*	55.0	95.9	112 400*	64.1	98.4	103 100*	32.0
34.0	47.1	92.5	108 000*	51.3	94.3	104 600*	60.8	97.3	95 800*	34.0
36.0	42.9	90.3	100 900*	47.4	92.4	97 600*	57.3	96.0	89 400*	36.0
38.0	38.2	87.8	94 500*	43.2	90.3	91 400*	53.7	94.5	83 300	38.0
40.0	33.0	84.8	88 600	38.5	87.8	85 600	49.9	92.8	77 500	40.0
42.0	26.8	81.0	82 900	33.3	84.8	80 000	45.9	90.9	72 500	42.0
44.0	18.5	75.7	77 500	27.2	81.1	74 900	41.5	88.6	67 800	44.0
46.0				19.2	75.9	70 100	36.7	86.0	63 600	46.0
48.0							31.3	82.8	59 800	48.0
50.0							24.6	78.6	56 100	50.0

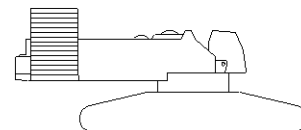
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	177 000* b							19.8
20.0	74.0	108.0	176 500* b							20.0
22.0	71.3	107.3	170 400* b							22.0
24.0	68.6	106.5	160 900*							24.0
26.0	65.9	105.6	146 900*	68.8	106.3	142 200*				26.0
28.0	63.0	104.5	134 900*	66.0	105.4	130 500*				28.0
30.0	60.1	103.4	124 500*	63.2	104.4	120 400*				30.0
32.0	57.1	102.1	115 400*	60.3	103.3	111 600*	67.8	105.2	102 000*	32.0
34.0	54.0	100.6	107 400*	57.3	102.0	103 800*	65.0	104.3	94 800*	34.0
36.0	50.8	98.9	100 300*	54.2	100.5	96 900*	62.2	103.2	88 500*	36.0
38.0	47.4	97.1	93 900*	51.0	98.9	90 700*	59.3	102.0	82 400	38.0
40.0	43.8	95.0	88 200	47.6	97.0	85 100	56.2	100.6	76 800	40.0
42.0	39.9	92.6	82 700	44.0	95.0	79 600	53.1	99.1	71 700	42.0
44.0	35.6	89.9	77 500	40.1	92.6	74 500	49.8	97.4	67 100	44.0
46.0	30.8	86.6	72 700	35.9	89.9	70 000	46.3	95.5	63 000	46.0
48.0	25.1	82.5	68 400	31.1	86.6	65 800	42.6	93.3	59 200	48.0
50.0	17.6	76.8	64 400	25.5	82.6	62 000	38.6	90.8	55 700	50.0
52.0				18.1	77.1	58 400	34.2	87.9	52 500	52.0
54.0							29.2	84.5	49 600	54.0
56.0							23.1	80.0	46 700	56.0

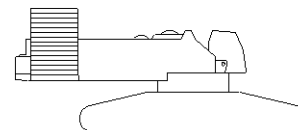
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	151 900* b							22.0
24.0	71.3	113.1	147 000*							24.0
26.0	68.9	112.3	141 700*	71.4	112.9	140 800*				26.0
28.0	66.5	111.4	134 200*	69.0	112.1	129 100*				28.0
30.0	64.0	110.4	123 300*	66.6	111.2	119 100*				30.0
32.0	61.5	109.3	114 200*	64.2	110.2	110 300*				32.0
34.0	58.9	108.1	106 200*	61.6	109.2	102 500*				34.0
36.0	56.2	106.7	99 100*	59.0	107.9	95 700*	65.7	110.1	87 000*	36.0
38.0	53.5	105.2	92 800*	56.4	106.6	89 500*	63.2	109.1	81 000	38.0
40.0	50.6	103.6	87 100*	53.6	105.1	83 900	60.7	107.9	75 400	40.0
42.0	47.6	101.7	81 800	50.8	103.5	78 600	58.1	106.7	70 400	42.0
44.0	44.4	99.7	76 700	47.8	101.6	73 600	55.4	105.3	65 900	44.0
46.0	41.1	97.4	72 000	44.6	99.6	69 100	52.6	103.7	61 700	46.0
48.0	37.4	94.8	67 700	41.3	97.3	65 000	49.7	102.0	58 000	48.0
50.0	33.5	91.8	63 900	37.7	94.8	61 200	46.7	100.1	54 600	50.0
52.0	29.0	88.3	60 200	33.7	91.8	57 700	43.4	98.0	51 400	52.0
54.0	23.7	83.9	56 900	29.3	88.3	54 500	40.0	95.6	48 500	54.0
56.0	16.8	78.0	53 700	24.1	84.1	51 500	36.3	92.9	45 800	56.0
58.0				17.3	78.3	48 700	32.2	89.8	43 300	58.0
60.0							27.5	86.1	40 900	60.0
62.0							21.9	81.4	38 700	62.0
64.0							14.0	74.6	36 500	64.0

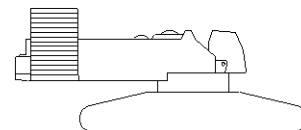
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
AS1418.5



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	133 900*							22.9
24.0	73.3	119.5	131 800*							24.0
26.0	71.2	118.8	127 900*							26.0
28.0	69.1	118.0	123 600*	71.4	118.7	128 200*				28.0
30.0	66.9	117.2	119 100*	69.2	117.9	118 000*				30.0
32.0	64.7	116.2	113 300*	67.1	117.0	109 300*				32.0
34.0	62.5	115.2	105 300*	64.9	116.1	101 500*				34.0
36.0	60.2	114.0	98 300*	62.7	115.0	94 700*				36.0
38.0	57.9	112.7	91 900*	60.4	113.9	88 600*	66.3	115.9	80 000	38.0
40.0	55.5	111.3	86 200*	58.0	112.6	83 000	64.1	114.9	74 400	40.0
42.0	53.0	109.8	81 000	55.6	111.2	77 800	61.8	113.8	69 400	42.0
44.0	50.4	108.2	76 000	53.1	109.7	72 800	59.5	112.6	64 900	44.0
46.0	47.7	106.3	71 400	50.6	108.1	68 300	57.2	111.3	60 800	46.0
48.0	44.9	104.3	67 100	47.9	106.2	64 200	54.7	109.9	57 100	48.0
50.0	42.0	102.1	63 200	45.1	104.2	60 500	52.2	108.3	53 700	50.0
52.0	38.8	99.6	59 700	42.2	102.1	57 100	49.6	106.6	50 500	52.0
54.0	35.4	96.8	56 400	39.0	99.6	53 900	46.9	104.7	47 700	54.0
56.0	31.7	93.7	53 300	35.7	96.8	51 000	44.1	102.7	45 000	56.0
58.0	27.5	89.9	50 500	32.0	93.7	48 200	41.1	100.4	42 500	58.0
60.0	22.6	85.3	47 800	27.8	90.0	45 600	37.8	97.8	40 200	60.0
62.0	16.2	79.2	45 200	22.9	85.5	43 200	34.4	94.9	38 000	62.0
64.0				16.6	79.4	40 900	30.5	91.6	36 000	64.0
66.0							26.1	87.7	34 100	66.0
68.0							20.9	82.7	32 200	68.0
70.0							13.6	75.6	30 400	70.0