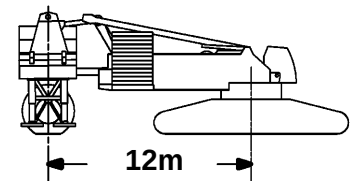


Liftcrane Luffing Jib Capacities

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

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 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. Capacities indicated by (d) require 25 400 kg minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b), (c) or (d) 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.

Wheeled counterweight must be attached to shear frame and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground. Refer to operators manual for wheel positioning. 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. 8599-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 MAX-ER, 11 811 mm crawlers, 1 524 mm treads, 9.1m live mast, 42.7m mast, 16 part boom hoist reeving, boom support straps, 24 part luffing jib hoist reeving, luffing jib and backstay support straps, 223 170 kg crane counterweight, 145 150 kg carbody counterweight and 210 470 kg wheeled counterweight.

WARNING: Check amount of wheeled counterweight on machine before use of this chart. Refer to Counterweight Assembly.

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

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

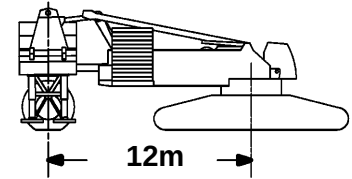
210 470 kg Wheeled Counterweight

at 12m Position

360 Degree Rating

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

**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			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	72.3	77.8	334 600* ^b										16.8
18.0	69.5	77.3	324 100* ^b										18.0
20.0	64.9	76.3	293 700* ^b										20.0
22.0	60.0	75.2	266 300*										22.0
24.0	54.9	73.7	243 400*										24.0
26.0	49.4	72.0	223 800*	60.6	74.6	216 100*							26.0
28.0	43.3	69.9	206 900*	55.5	73.2	199 900*							28.0
30.0	36.3	67.2	192 100*	50.0	71.5	185 700*							30.0
32.0	27.7	63.6	160 600*	44.0	69.4	173 200*	55.9	72.3	167 200*				32.0
34.0				37.2	66.8	162 100*	50.4	70.6	156 500*				34.0
36.0				28.8	63.4	152 100*	44.5	68.6	146 900*				36.0
38.0				16.2	57.7	133 900*	37.7	66.0	138 300*	50.5	69.3	133 400*	38.0
40.0							29.5	62.6	130 500*	44.6	67.2	125 900*	40.0
42.0							17.5	57.3	123 200*	37.8	64.7	119 100*	42.0
44.0										29.7	61.3	112 800*	44.0

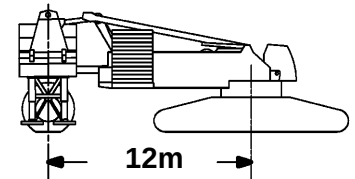
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



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

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	72.9	83.7	298 500* b										18.3
20.0	69.8	83.1	289 500* b										20.0
22.0	66.0	82.2	266 300* b										22.0
24.0	62.1	81.1	242 900*										24.0
26.0	58.1	79.8	223 400*	66.4	81.6	215 400*							26.0
28.0	53.8	78.3	206 600*	62.6	80.5	199 200*							28.0
30.0	49.3	76.6	192 000*	58.5	79.3	185 100*							30.0
32.0	44.4	74.5	179 100*	54.3	77.8	172 700*	62.8	79.6	166 300*				32.0
34.0	39.0	72.1	167 700*	49.8	76.1	161 800*	58.8	78.3	155 700*				34.0
36.0	32.8	69.1	156 500*	45.0	74.1	152 000*	54.6	76.9	146 300*				36.0
38.0	25.2	65.0	132 500*	39.7	71.7	143 100*	50.2	75.2	137 800*				38.0
40.0				33.6	68.8	135 100*	45.4	73.2	130 100*	54.7	75.6	125 200*	40.0
42.0				26.1	64.9	127 700*	40.1	70.9	123 200*	50.3	73.9	118 500*	42.0
44.0				15.1	58.8	111 900*	34.0	68.0	116 800*	45.5	71.9	112 400*	44.0
46.0							26.7	64.2	110 800*	40.2	69.5	106 700*	46.0
48.0							16.2	58.4	105 200*	34.2	66.6	101 400*	48.0
50.0										26.9	62.9	96 400*	50.0

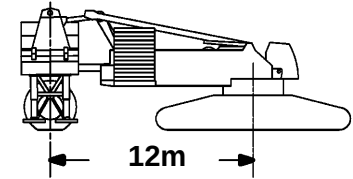
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

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			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	71.0	89.1	258 500*(b)										21.3
22.0	69.9	88.8	256 000*(b)										22.0
24.0	66.8	87.9	242 300*										24.0
26.0	63.5	86.9	222 200*										26.0
28.0	60.2	85.8	205 500*										28.0
30.0	56.7	84.4	190 900*	63.9	86.4	183 800*							30.0
32.0	53.1	82.9	178 100*	60.6	85.2	171 400*							32.0
34.0	49.3	81.2	166 800*	57.1	83.9	160 500*							34.0
36.0	45.2	79.2	156 700*	53.5	82.4	150 700*	60.8	84.3	144 800*				36.0
38.0	40.8	76.9	147 200*	49.7	80.7	142 000*	57.4	83.0	136 400*				38.0
40.0	35.9	74.1	136 800*	45.6	78.7	134 100*	53.8	81.5	128 800*				40.0
42.0	30.2	70.8	125 800*	41.3	76.5	126 900*	50.0	79.8	121 900*				42.0
44.0	23.3	66.4	106 900*	36.4	73.8	120 300*	45.9	77.9	115 600*	53.8	80.2	110 900*	44.0
46.0				30.9	70.5	114 300*	41.6	75.6	109 800*	50.1	78.5	105 300*	46.0
48.0				24.2	66.3	108 600*	36.8	73.0	104 500*	46.0	76.5	100 100*	48.0
50.0				14.4	59.8	93 400*	31.3	69.8	99 400*	41.7	74.3	95 300*	50.0
52.0							24.7	65.7	94 600*	36.9	71.7	90 800*	52.0
54.0							15.3	59.5	90 000*	31.5	68.5	86 600*	54.0
56.0										24.9	64.4	82 700*	56.0

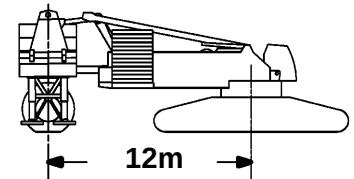
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



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

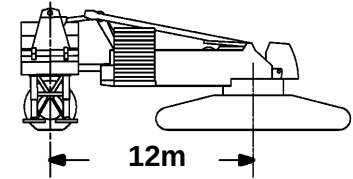
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	71.6	95.0	227 500*										22.9
24.0	70.1	94.6	223 800*										24.0
26.0	67.3	93.7	215 100*										26.0
28.0	64.6	92.8	204 500*										28.0
30.0	61.7	91.7	190 200*										30.0
32.0	58.8	90.4	177 300*	64.9	92.2	170 400*							32.0
34.0	55.7	89.1	166 000*	62.0	91.1	159 500*							34.0
36.0	52.5	87.5	156 000*	59.1	89.9	149 800*							36.0
38.0	49.2	85.8	146 900*	56.0	88.6	141 100*							38.0
40.0	45.7	83.8	137 700*	52.9	87.0	133 200*	59.3	89.0	127 800*				40.0
42.0	42.0	81.6	128 300*	49.6	85.3	126 100*	56.3	87.6	120 900*				42.0
44.0	37.9	79.1	119 900*	46.1	83.4	119 600*	53.1	86.1	114 700*				44.0
46.0	33.4	76.1	112 300*	42.4	81.2	113 600*	49.8	84.4	108 900*	56.3	86.3	104 300*	46.0
48.0	28.2	72.5	103 700*	38.4	78.7	108 100*	46.4	82.5	103 700*	53.2	84.8	99 100*	48.0
50.0	21.9	67.8	88 300*	33.9	75.8	103 000*	42.7	80.3	98 700*	49.9	83.1	94 300*	50.0
52.0				28.9	72.2	98 200*	38.7	77.8	94 100*	46.4	81.2	89 900*	52.0
54.0				22.7	67.7	93 100*	34.3	75.0	89 800*	42.8	79.0	85 800*	54.0
56.0				13.8	60.9	79 000*	29.3	71.5	85 700*	38.8	76.5	82 000*	56.0
58.0							23.2	67.1	82 000*	34.4	73.6	78 400*	58.0
60.0							14.6	60.6	77 500*	29.4	70.2	75 000*	60.0
62.0										23.3	65.8	71 800*	62.0
64.0										14.9	59.3	68 700*	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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

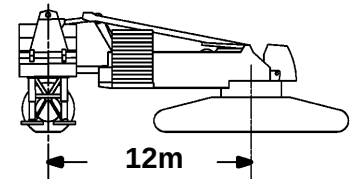
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	72.1	101.0	196 600*										24.4
26.0	70.2	100.3	191 800*										26.0
28.0	67.8	99.5	185 000*										28.0
30.0	65.3	98.6	177 700*										30.0
32.0	62.8	97.5	170 000*										32.0
34.0	60.3	96.4	162 000*	65.6	98.0	158 100*							34.0
36.0	57.6	95.1	153 900*	63.1	97.0	148 300*							36.0
38.0	54.9	93.7	145 700*	60.6	95.8	139 700*							38.0
40.0	52.1	92.1	137 400*	57.9	94.6	131 800*							40.0
42.0	49.2	90.4	127 800*	55.2	93.2	124 700*	60.7	94.9	119 400*				42.0
44.0	46.1	88.4	119 500*	52.4	91.6	118 300*	58.1	93.7	113 100*				44.0
46.0	42.9	86.3	111 900*	49.5	89.9	112 400*	55.4	92.2	107 400*				46.0
48.0	39.4	83.9	105 100*	46.5	88.0	106 900*	52.6	90.7	102 200*				48.0
50.0	35.6	81.1	99 000*	43.2	85.9	101 900*	49.7	89.0	97 300*	55.5	90.9	92 800*	50.0
52.0	31.4	77.9	93 300*	39.8	83.5	97 100*	46.7	87.1	92 800*	52.7	89.4	88 400*	52.0
54.0	26.6	74.0	86 300*	36.1	80.8	92 700*	43.5	85.0	88 500*	49.8	87.7	84 300*	54.0
56.0	20.8	69.1	73 100*	31.9	77.6	88 600*	40.1	82.6	84 600*	46.8	85.8	80 500*	56.0
58.0				27.2	73.8	84 700*	36.3	79.9	80 800*	43.6	83.7	77 000*	58.0
60.0				21.5	69.1	79 800*	32.2	76.8	77 400*	40.1	81.3	73 700*	60.0
62.0				13.4	62.0	66 100*	27.6	73.1	74 100*	36.4	78.6	70 600*	62.0
64.0							22.0	68.4	71 000*	32.3	75.5	67 700*	64.0
66.0							14.1	61.7	67 000*	27.7	71.8	64 900*	66.0
68.0										22.1	67.2	62 300*	68.0
70.0										14.3	60.4	59 700*	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



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

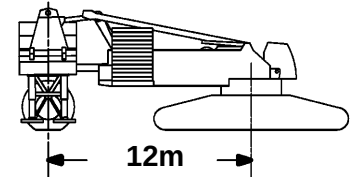
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	72.4	106.9	169 900*										25.9
26.0	72.3	106.8	169 700*										26.0
28.0	70.2	106.1	165 300*										28.0
30.0	68.1	105.3	160 200*										30.0
32.0	65.9	104.4	154 800*										32.0
34.0	63.7	103.4	149 000*										34.0
36.0	61.4	102.3	142 800*	66.2	103.8	147 300*							36.0
38.0	59.1	101.1	136 600*	64.0	102.8	138 600*							38.0
40.0	56.8	99.7	130 400*	61.7	101.7	130 800*							40.0
42.0	54.3	98.3	124 200*	59.4	100.5	123 700*							42.0
44.0	51.8	96.7	118 200*	57.0	99.2	117 300*							44.0
46.0	49.2	95.0	111 500*	54.6	97.8	111 400*	59.6	99.6	106 300*				46.0
48.0	46.4	93.1	104 700*	52.1	96.2	105 900*	57.2	98.3	101 100*				48.0
50.0	43.6	91.0	98 500*	49.5	94.5	100 900*	54.8	96.9	96 200*				50.0
52.0	40.5	88.6	92 900*	46.7	92.6	96 300*	52.3	95.3	91 700*	57.2	96.9	87 300*	52.0
54.0	37.3	86.0	87 700*	43.9	90.5	91 900*	49.7	93.6	87 500*	54.8	95.5	83 200*	54.0
56.0	33.7	83.1	82 900*	40.9	88.2	87 800*	46.9	91.7	83 600*	52.3	94.0	79 400*	56.0
58.0	29.8	79.6	78 300*	37.6	85.7	84 000*	44.1	89.7	79 900*	49.7	92.3	76 000*	58.0
60.0	25.3	75.6	72 300*	34.1	82.7	80 400*	41.1	87.4	76 500*	47.0	90.4	72 700*	60.0
62.0	19.8	70.4	61 300*	30.3	79.4	77 000*	37.9	84.8	73 300*	44.2	88.3	69 600*	62.0
64.0	11.9	62.6	49 200*	25.9	75.4	73 900*	34.4	81.9	70 300*	41.2	86.0	66 700*	64.0
66.0				20.5	70.4	69 000*	30.6	78.6	67 400*	38.0	83.5	64 100*	66.0
68.0				13.0	63.1	55 700*	26.2	74.7	64 700*	34.5	80.6	61 500*	68.0
70.0							21.0	69.8	62 200*	30.7	77.3	59 000*	70.0
72.0							13.7	62.7	58 600*	26.3	73.4	56 700*	72.0
74.0										21.1	68.5	54 500*	74.0
76.0										13.9	61.5	52 300*	76.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



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

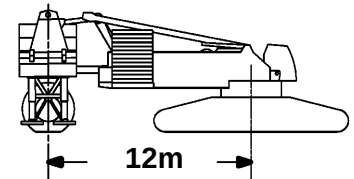
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	72.7	112.8	147 200*										27.4
28.0	72.2	112.6	146 300*										28.0
30.0	70.3	111.9	142 900*										30.0
32.0	68.4	111.1	139 100*										32.0
34.0	66.4	110.2	135 000*										34.0
36.0	64.4	109.2	130 500*										36.0
38.0	62.4	108.2	125 800*										38.0
40.0	60.3	107.0	121 100*	64.6	108.7	129 300*							40.0
42.0	58.2	105.7	116 100*	62.6	107.6	122 200*							42.0
44.0	56.0	104.4	111 300*	60.5	106.5	115 800*							44.0
46.0	53.8	102.9	106 500*	58.4	105.2	109 900*							46.0
48.0	51.5	101.3	101 700*	56.3	103.9	104 500*	60.7	105.5	99 600*				48.0
50.0	49.2	99.6	97 200*	54.1	102.4	99 500*	58.6	104.3	94 700*				50.0
52.0	46.7	97.7	91 800*	51.8	100.8	94 900*	56.4	102.9	90 200*				52.0
54.0	44.1	95.6	86 600*	49.4	99.1	90 600*	54.2	101.5	86 000*				54.0
56.0	41.4	93.4	81 800*	47.0	97.2	86 500*	52.0	99.9	82 100*	56.5	101.6	77 900*	56.0
58.0	38.6	90.9	77 500*	44.4	95.2	82 700*	49.6	98.2	78 500*	54.3	100.1	74 400*	58.0
60.0	35.5	88.1	73 400*	41.7	92.9	79 200*	47.2	96.3	75 100*	52.0	98.6	71 100*	60.0
62.0	32.2	84.9	69 600*	38.9	90.5	75 800*	44.6	94.3	71 900*	49.6	96.9	68 100*	62.0
64.0	28.5	81.3	65 700*	35.8	87.7	72 700*	41.9	92.1	69 000*	47.2	95.0	65 300*	64.0
66.0	24.2	77.1	60 300*	32.5	84.6	69 800*	39.1	89.6	66 200*	44.7	93.0	62 600*	66.0
68.0	19.1	71.7	51 100*	28.9	81.1	66 600*	36.1	86.9	63 500*	42.0	90.7	60 100*	68.0
70.0	11.7	63.7	41 000*	24.7	76.9	62 800*	32.8	83.8	61 000*	39.1	88.3	57 700*	70.0
72.0				19.7	71.7	57 900*	29.2	80.3	58 600*	36.1	85.6	55 400*	72.0
74.0				12.8	64.2	46 900*	25.1	76.2	56 300*	32.9	82.5	53 300*	74.0
76.0							20.1	71.1	54 200*	29.2	79.0	51 200*	76.0
78.0							13.4	63.8	51 200*	25.1	74.9	49 200*	78.0
80.0										20.2	69.8	47 300*	80.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



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

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
29.0	73.0	118.7	126 800*										29.0
30.0	72.1	118.4	126 400*										30.0
32.0	70.3	117.6	124 200*										32.0
34.0	68.6	116.8	121 300*										34.0
36.0	66.8	116.0	118 100*										36.0
38.0	65.0	115.0	114 700*										38.0
40.0	63.2	114.0	111 200*	67.0	115.4	122 300*							40.0
42.0	61.3	112.9	107 500*	65.2	114.5	119 500*							42.0
44.0	59.4	111.7	103 700*	63.4	113.4	114 700*							44.0
46.0	57.4	110.4	99 800*	61.5	112.3	108 800*							46.0
48.0	55.4	109.0	96 000*	59.6	111.2	103 400*							48.0
50.0	53.4	107.5	92 200*	57.7	109.9	98 400*	61.6	111.4	93 600*				50.0
52.0	51.3	105.9	88 500*	55.7	108.5	93 800*	59.7	110.2	89 100*				52.0
54.0	49.1	104.2	84 900*	53.6	107.0	89 500*	57.8	108.9	84 900*				54.0
56.0	46.9	102.3	81 000*	51.5	105.4	85 500*	55.8	107.6	81 000*				56.0
58.0	44.6	100.3	76 600*	49.4	103.7	81 700*	53.8	106.1	77 400*	57.8	107.6	73 200*	58.0
60.0	42.1	98.1	72 500*	47.2	101.8	78 200*	51.7	104.5	74 000*	55.9	106.2	70 000*	60.0
62.0	39.6	95.6	68 800*	44.8	99.8	74 900*	49.5	102.8	70 900*	53.8	104.7	67 000*	62.0
64.0	36.9	93.0	65 300*	42.4	97.6	71 800*	47.3	101.0	67 900*	51.7	103.2	64 100*	64.0
66.0	34.0	90.1	62 000*	39.9	95.2	68 900*	45.0	98.9	65 100*	49.6	101.4	61 500*	66.0
68.0	30.8	86.7	58 700*	37.2	92.6	65 800*	42.6	96.8	62 500*	47.4	99.6	59 000*	68.0
70.0	27.3	83.0	55 500*	34.3	89.7	62 500*	40.1	94.4	60 000*	45.1	97.6	56 600*	70.0
72.0	23.3	78.5	50 500*	31.2	86.5	59 300*	37.4	91.8	57 700*	42.6	95.4	54 300*	72.0
74.0	18.4	72.9	42 800*	27.7	82.7	56 200*	34.5	88.9	55 400*	40.1	93.1	52 200*	74.0
76.0	11.6	64.8	34 100*	23.8	78.4	53 100*	31.4	85.7	53 300*	37.4	90.5	50 200*	76.0
78.0				19.0	72.9	48 800*	28.0	82.0	51 300*	34.6	87.6	48 300*	78.0
80.0				12.5	65.2	39 500*	24.1	77.7	49 400*	31.5	84.4	46 400*	80.0
84.0							13.1	64.9	45 100*	24.2	76.4	43 000*	84.0
88.0										13.3	63.7	39 700*	88.0

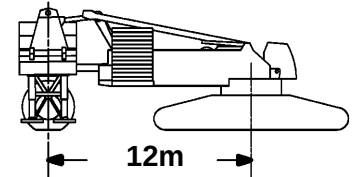


Liftcrane Luffing Jib Capacities

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



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

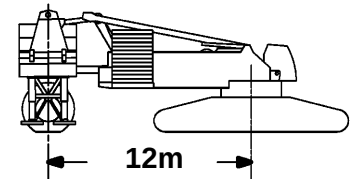
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
32.0	72.0	124.1	109 000*										32.0
34.0	70.4	123.4	108 200*										34.0
36.0	68.8	122.6	105 800*										36.0
38.0	67.1	121.7	103 400*										38.0
40.0	65.5	120.8	100 800*										40.0
42.0	63.8	119.8	98 100*										42.0
44.0	62.1	118.8	95 200*	65.7	120.3	104 000*							44.0
46.0	60.4	117.6	92 200*	64.0	119.3	100 800*							46.0
48.0	58.6	116.4	88 600*	62.3	118.2	97 300*							48.0
50.0	56.8	115.1	85 100*	60.5	117.1	93 800*							50.0
52.0	54.9	113.7	81 600*	58.8	115.8	90 300*	62.4	117.3	87 500*				52.0
54.0	53.1	112.1	78 300*	57.0	114.5	86 800*	60.7	116.1	83 400*				54.0
56.0	51.1	110.5	75 000*	55.1	113.1	83 400*	58.9	114.9	79 500*				56.0
58.0	49.1	108.8	71 800*	53.3	111.6	79 900*	57.1	113.6	75 900*				58.0
60.0	47.1	106.9	68 700*	51.3	110.0	76 600*	55.3	112.2	72 600*				60.0
62.0	44.9	104.9	65 700*	49.4	108.3	73 300*	53.4	110.7	69 400*				62.0
64.0	42.7	102.7	62 800*	47.3	106.5	70 100*	51.5	109.1	66 500*	55.3	110.9	62 600*	64.0
66.0	40.4	100.4	60 000*	45.2	104.5	67 100*	49.5	107.4	63 700*	53.4	109.4	59 900*	66.0
68.0	38.0	97.8	57 400*	43.0	102.3	64 100*	47.5	105.6	61 100*	51.5	107.8	57 400*	68.0
70.0	35.4	95.1	54 700*	40.7	100.0	61 100*	45.3	103.6	58 600*	49.5	106.1	55 100*	70.0
72.0	32.6	92.0	52 000*	38.2	97.5	58 000*	43.1	101.4	56 300*	47.5	104.2	52 900*	72.0
74.0	29.6	88.5	49 200*	35.7	94.7	55 200*	40.8	99.1	54 100*	45.4	102.2	50 800*	74.0
76.0	26.3	84.5	46 600*	32.9	91.7	52 400*	38.4	96.6	52 000*	43.2	100.1	48 800*	76.0
78.0	22.5	79.9	41 800*	30.0	88.2	49 800*	35.9	93.9	50 000*	40.9	97.8	46 900*	78.0
80.0	17.9	74.1	35 200*	26.7	84.3	47 100*	33.1	90.8	48 100*	38.5	95.3	45 100*	80.0
84.0				18.4	74.2	40 700*	26.9	83.6	44 600*	33.2	89.5	41 700*	84.0
88.0							18.8	73.6	41 300*	27.0	82.3	38 500*	88.0
92.0										18.9	72.3	35 200*	92.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



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

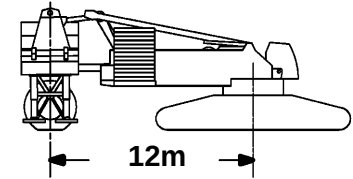
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
33.5	72.2	130.0	94 100*										33.5
34.0	71.9	129.9	94 000*										34.0
36.0	70.4	129.1	93 700*										36.0
38.0	68.9	128.4	92 600*										38.0
40.0	67.4	127.5	90 700*										40.0
42.0	65.9	126.6	88 700*										42.0
44.0	64.3	125.7	86 600*										44.0
46.0	62.8	124.6	83 500*	66.0	126.1	89 600*							46.0
48.0	61.2	123.5	80 200*	64.5	125.1	88 000*							48.0
50.0	59.6	122.3	77 000*	62.9	124.1	84 700*							50.0
52.0	57.9	121.1	73 800*	61.3	123.0	81 500*							52.0
54.0	56.2	119.7	70 500*	59.7	121.8	78 300*							54.0
56.0	54.5	118.3	67 500*	58.1	120.5	75 100*	61.5	122.0	78 300*				56.0
58.0	52.8	116.7	64 500*	56.4	119.2	71 900*	59.8	120.8	74 700*				58.0
60.0	51.0	115.1	61 600*	54.7	117.8	68 800*	58.2	119.6	71 400*				60.0
62.0	49.1	113.4	58 800*	53.0	116.2	65 800*	56.5	118.3	68 300*				62.0
64.0	47.2	111.5	56 000*	51.2	114.6	62 800*	54.8	116.8	65 300*				64.0
66.0	45.3	109.5	53 400*	49.3	112.9	59 900*	53.1	115.3	62 600*	56.6	116.9	58 700*	66.0
68.0	43.2	107.4	50 800*	47.4	111.1	57 100*	51.3	113.7	60 000*	54.9	115.5	56 300*	68.0
70.0	41.1	105.1	48 300*	45.5	109.1	54 400*	49.5	112.0	57 500*	53.1	114.0	53 900*	70.0
72.0	38.9	102.7	46 000*	43.5	107.0	51 800*	47.6	110.2	55 200*	51.3	112.4	51 700*	72.0
74.0	36.6	100.0	43 700*	41.3	104.7	49 300*	45.6	108.2	53 000*	49.5	110.7	49 600*	74.0
76.0	34.1	97.0	41 500*	39.1	102.3	46 900*	43.6	106.1	50 900*	47.6	108.8	47 600*	76.0
78.0	31.5	93.8	39 400*	36.8	99.6	44 500*	41.5	103.8	49 000*	45.7	106.9	45 700*	78.0
80.0	28.6	90.2	37 400*	34.4	96.7	42 300*	39.3	101.4	47 100*	43.6	104.8	44 000*	80.0
84.0	21.8	81.3	33 500*	28.9	89.9	38 100*	34.6	95.9	42 900*	39.4	100.1	40 500*	84.0
88.0	11.4	66.9	22 400*	22.2	81.2	34 200*	29.1	89.2	38 600*	34.6	94.6	37 100*	88.0
92.0				12.2	67.4	27 100*	22.5	80.5	34 800*	29.2	87.9	33 900*	92.0
96.0							12.7	67.1	31 300*	22.6	79.2	31 000*	96.0
100.0										12.8	65.9	28 200*	100.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



48.8m (160 Ft.) Boom, 88.4m (290 Ft.) Luffing Jib

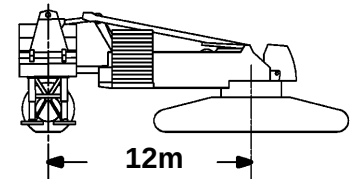
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
35.1	72.5	136.0	80 300*										35.1
36.0	71.8	135.6	80 200*										36.0
38.0	70.4	134.9	79 800*										38.0
40.0	69.1	134.1	79 400*										40.0
42.0	67.6	133.3	78 200*										42.0
44.0	66.2	132.4	75 000*										44.0
46.0	64.8	131.5	72 100*										46.0
48.0	63.3	130.4	69 100*	66.4	131.9	75 300*							48.0
50.0	61.9	129.4	66 200*	65.0	130.9	72 900*							50.0
52.0	60.4	128.2	63 300*	63.5	129.9	70 000*							52.0
54.0	58.9	127.0	60 400*	62.0	128.8	67 100*							54.0
56.0	57.3	125.7	57 600*	60.5	127.7	64 200*							56.0
58.0	55.7	124.3	54 900*	59.0	126.5	61 300*	62.1	127.9	66 900*				58.0
60.0	54.1	122.9	52 200*	57.5	125.2	58 600*	60.6	126.7	64 200*				60.0
62.0	52.5	121.3	49 500*	55.9	123.8	55 800*	59.1	125.5	61 400*				62.0
64.0	50.8	119.7	47 000*	54.3	122.4	53 000*	57.6	124.3	58 700*				64.0
66.0	49.1	118.0	44 600*	52.7	120.9	50 400*	56.0	122.9	56 100*				66.0
68.0	47.3	116.1	42 300*	51.0	119.2	47 900*	54.4	121.5	53 400*				68.0
70.0	45.5	114.2	40 000*	49.3	117.5	45 400*	52.8	119.9	50 800*	56.1	121.5	52 400*	70.0
72.0	43.7	112.1	37 800*	47.5	115.7	43 000*	51.1	118.3	48 300*	54.5	120.1	50 200*	72.0
74.0	41.7	109.8	35 700*	45.7	113.7	40 700*	49.4	116.6	45 900*	52.8	118.6	48 100*	74.0
76.0	39.7	107.4	33 600*	43.9	111.6	38 500*	47.7	114.8	43 500*	51.2	117.0	46 100*	76.0
78.0	37.6	104.8	31 700*	41.9	109.4	36 300*	45.9	112.8	41 200*	49.5	115.2	44 200*	78.0
80.0	35.3	102.0	29 700*	39.9	107.0	34 200*	44.0	110.8	38 900*	47.7	113.4	42 200*	80.0
84.0	30.4	95.6	26 100*	35.6	101.7	30 400*	40.1	106.2	34 700*	44.0	109.4	38 500*	84.0
88.0	24.6	87.6	22 800*	30.7	95.3	26 700*	35.7	100.8	30 800*	40.1	104.8	34 900*	88.0
92.0	17.0	76.5	19 900*	25.0	87.4	23 400*	30.9	94.5	27 100*	35.8	99.5	30 900*	92.0
96.0				17.5	76.6	20 300*	25.2	86.7	23 700*	30.9	93.2	27 300*	96.0
100.0							17.8	76.1	20 700*	25.3	85.4	23 900*	100.0
104.0										17.9	74.8	20 900*	104.0

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



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

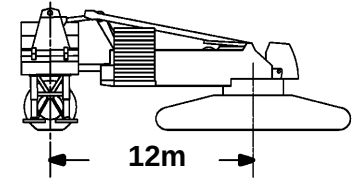
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
36.6	72.7	141.9	69 400*										36.6
38.0	71.8	141.4	69 200*										38.0
40.0	70.5	140.7	68 800*										40.0
42.0	69.2	139.9	68 400*										42.0
44.0	67.9	139.1	67 300*										44.0
46.0	66.5	138.2	64 700*										46.0
48.0	65.2	137.3	61 900*										48.0
50.0	63.8	136.3	59 100*	66.7	137.6	64 800*							50.0
52.0	62.5	135.2	56 500*	65.3	136.7	62 500*							52.0
54.0	61.1	134.1	53 800*	64.0	135.7	59 900*							54.0
56.0	59.7	132.9	51 200*	62.6	134.7	57 200*							56.0
58.0	58.2	131.7	48 600*	61.2	133.6	54 500*							58.0
60.0	56.8	130.4	46 100*	59.8	132.4	51 900*							60.0
62.0	55.3	129.0	43 600*	58.4	131.2	49 300*	61.3	132.6	54 400*				62.0
64.0	53.8	127.5	41 100*	57.0	129.9	46 800*	59.9	131.5	51 900*				64.0
66.0	52.3	125.9	38 800*	55.5	128.5	44 300*	58.5	130.2	49 400*				66.0
68.0	50.7	124.3	36 500*	54.0	127.0	41 800*	57.1	128.9	47 000*				68.0
70.0	49.1	122.6	34 300*	52.4	125.5	39 500*	55.6	127.5	44 500*				70.0
72.0	47.5	120.7	32 200*	50.9	123.8	37 200*	54.1	126.1	42 100*	57.1	127.6	46 500*	72.0
74.0	45.8	118.8	30 200*	49.3	122.1	34 900*	52.6	124.6	39 800*	55.6	126.2	44 200*	74.0
76.0	44.0	116.7	28 200*	47.6	120.3	32 800*	51.0	122.9	37 500*	54.1	124.7	41 900*	76.0
78.0	42.2	114.5	26 200*	46.0	118.3	30 700*	49.4	121.2	35 300*	52.6	123.2	39 600*	78.0
80.0	40.3	112.2	24 400*	44.2	116.3	28 600*	47.8	119.4	33 100*	51.0	121.6	37 500*	80.0
84.0	36.4	106.9	20 900*	40.5	111.8	24 900*	44.3	115.4	29 000*	47.8	118.0	33 100*	84.0
88.0	31.9	100.8	17 600*	36.6	106.6	21 300*	40.7	110.9	25 200*	44.4	114.1	29 100*	88.0
92.0	26.8	93.5	14 600*	32.2	100.5	18 100*	36.7	105.7	21 600*	40.7	109.6	25 300*	92.0
96.0	20.6	84.0	11 900*	27.1	93.2	15 000*	32.4	99.7	18 400*	36.8	104.4	21 800*	96.0
100.0	11.2	69.0	9 500*	21.0	83.9	12 300*	27.3	92.5	15 300*	32.4	98.4	18 500*	100.0
104.0				11.9	69.5	9 800*	21.2	83.3	12 500*	27.4	91.2	15 500*	104.0
108.0							12.4	69.2	10 000*	21.3	82.0	12 700*	108.0
112.0										12.5	68.1	10 200*	112.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

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			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	70.1	83.5	317 700*b										18.3
20.0	66.1	82.7	292 000*b										20.0
22.0	61.4	81.6	264 700*b										22.0
24.0	56.3	80.2	241 900*										24.0
26.0	50.9	78.6	222 500*	63.2	81.3	213 600*b							26.0
28.0	45.0	76.5	205 700*	58.2	80.0	197 500*							28.0
30.0	38.3	74.0	191 000*	53.0	78.5	183 500*							30.0
32.0	30.2	70.7	172 600*	47.3	76.6	171 200*	59.9	79.3	164 100*				32.0
34.0				40.9	74.3	160 200*	54.8	77.9	153 700*				34.0
36.0				33.5	71.4	150 400*	49.2	76.1	144 300*				36.0
38.0				23.8	67.2	141 400*	43.1	74.0	135 900*				38.0
40.0							36.1	71.3	128 200*	50.8	75.1	122 800*	40.0
42.0							27.4	67.6	121 200*	44.9	73.1	116 200*	42.0
44.0							13.4	61.2	114 500*	38.1	70.6	110 100*	44.0
46.0										30.0	67.2	104 400*	46.0
48.0										18.5	62.1	98 900*	48.0

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

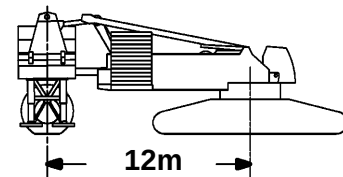
145 150 kg Carbody Counterweight

210 470 kg Wheeled Counterweight
at 12m Position

360 Degree Rating

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

**18000 With
21000 MAX-ER**



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

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	71.1	89.4	278 200* ^b										19.8
20.0	70.8	89.4	277 000* ^b										20.0
22.0	67.0	88.5	262 700* ^b										22.0
24.0	63.2	87.4	241 700*										24.0
26.0	59.2	86.2	222 000*										26.0
28.0	55.0	84.8	205 300*	64.6	87.1	196 900*							28.0
30.0	50.5	83.1	190 800*	60.7	86.0	182 800*							30.0
32.0	45.8	81.2	178 000*	56.6	84.6	170 600*							32.0
34.0	40.5	78.9	166 700*	52.2	83.1	159 700*	62.0	85.2	152 800*				34.0
36.0	34.6	76.0	156 500*	47.6	81.2	150 100*	58.0	83.9	143 500*				36.0
38.0	27.4	72.3	144 400*	42.5	79.0	141 300*	53.7	82.5	135 200*				38.0
40.0				36.9	76.4	133 500*	49.2	80.7	127 700*				40.0
42.0				30.3	73.1	126 200*	44.3	78.7	120 900*	54.9	81.3	115 400*	42.0
44.0				21.7	68.5	119 600*	38.9	76.2	114 600*	50.4	79.7	109 400*	44.0
46.0							32.6	73.2	108 800*	45.7	77.7	103 900*	46.0
48.0							24.9	69.1	103 400*	40.4	75.4	98 800*	48.0
50.0							12.7	62.3	98 100*	34.4	72.5	94 000*	50.0
52.0										27.2	68.8	89 400*	52.0
54.0										17.1	63.2	85 200*	54.0

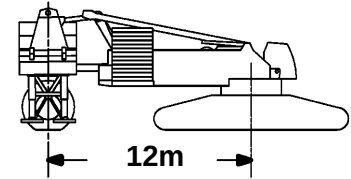
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**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			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	71.8	95.4	237 700* ^b										21.3
22.0	70.8	95.1	234 700* ^b										22.0
24.0	67.6	94.3	224 900*										24.0
26.0	64.4	93.3	214 000*										26.0
28.0	61.1	92.2	202 600*										28.0
30.0	57.7	90.9	190 000*	65.6	92.9	181 400*							30.0
32.0	54.1	89.4	177 000*	62.3	91.9	169 200*							32.0
34.0	50.3	87.7	165 700*	59.0	90.6	158 400*							34.0
36.0	46.3	85.8	155 600*	55.4	89.2	148 800*							36.0
38.0	42.0	83.6	146 600*	51.7	87.7	140 100*	60.1	89.9	133 700*				38.0
40.0	37.2	81.0	138 400*	47.8	85.8	132 300*	56.6	88.6	126 200*				40.0
42.0	31.8	77.8	130 200*	43.6	83.7	125 200*	53.0	87.1	119 400*				42.0
44.0	25.3	73.8	116 900*	39.1	81.3	118 800*	49.1	85.3	113 200*				44.0
46.0				33.9	78.4	112 800*	45.1	83.3	107 600*	54.0	85.9	102 400*	46.0
48.0				27.9	74.7	107 300*	40.6	81.0	102 400*	50.2	84.3	97 300*	48.0
50.0				20.2	69.8	102 100*	35.7	78.2	97 500*	46.2	82.3	92 600*	50.0
52.0							30.1	74.9	92 800*	41.9	80.1	88 200*	52.0
54.0							23.1	70.5	88 500*	37.1	77.5	84 200*	54.0
56.0							12.3	63.3	84 300*	31.7	74.3	80 400*	56.0
58.0										25.2	70.3	76 800*	58.0
60.0										16.1	64.3	73 400*	60.0

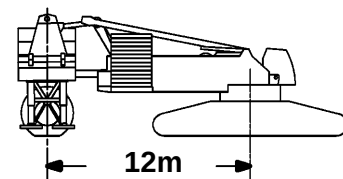
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

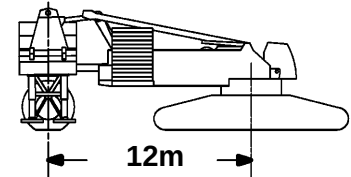
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	72.3	101.3	204 800*										22.9
24.0	70.8	100.9	200 900*										24.0
26.0	68.1	100.1	193 500*										26.0
28.0	65.3	99.1	185 300*										28.0
30.0	62.5	98.1	176 600*										30.0
32.0	59.5	96.8	167 700*	66.3	98.7	168 100*							32.0
34.0	56.5	95.5	158 800*	63.5	97.7	157 400*							34.0
36.0	53.4	94.0	150 100*	60.6	96.6	147 800*							36.0
38.0	50.1	92.3	141 800*	57.7	95.3	139 200*							38.0
40.0	46.7	90.4	133 900*	54.6	93.9	131 400*	61.6	95.8	125 200*				40.0
42.0	43.0	88.3	126 500*	51.4	92.2	124 400*	58.7	94.6	118 400*				42.0
44.0	39.0	85.8	119 700*	48.0	90.4	118 000*	55.6	93.2	112 200*				44.0
46.0	34.7	83.0	113 600*	44.4	88.4	112 100*	52.5	91.7	106 600*				46.0
48.0	29.7	79.6	107 300*	40.6	86.1	106 700*	49.1	89.9	101 500*	56.5	92.1	96 300*	48.0
50.0	23.8	75.3	96 500*	36.4	83.4	101 700*	45.6	87.9	96 700*	53.3	90.6	91 600*	50.0
52.0				31.6	80.2	97 000*	41.9	85.7	92 100*	50.1	88.9	87 300*	52.0
54.0				26.1	76.3	92 500*	37.8	83.2	87 900*	46.6	87.0	83 300*	54.0
56.0				19.1	71.0	88 300*	33.3	80.2	84 000*	42.9	84.8	79 600*	56.0
58.0							28.1	76.5	80 300*	38.9	82.4	76 100*	58.0
60.0							21.7	71.8	76 800*	34.6	79.5	72 800*	60.0
62.0							12.0	64.4	73 400*	29.6	76.1	69 800*	62.0
64.0										23.6	71.7	66 800*	64.0
66.0										15.3	65.4	64 000*	66.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



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

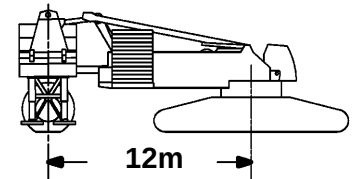
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	72.7	107.2	176 900*										24.4
26.0	70.8	106.6	172 900*										26.0
28.0	68.4	105.8	167 200*										28.0
30.0	66.0	104.9	161 000*										30.0
32.0	63.5	103.9	154 400*										32.0
34.0	61.0	102.8	147 500*	66.9	104.5	155 900*							34.0
36.0	58.3	101.5	140 500*	64.4	103.6	146 200*							36.0
38.0	55.7	100.1	133 600*	61.9	102.5	137 700*							38.0
40.0	52.9	98.6	126 900*	59.3	101.3	130 000*							40.0
42.0	50.0	96.9	120 400*	56.7	99.9	123 000*							42.0
44.0	47.0	95.1	114 200*	53.9	98.5	116 600*	60.2	100.5	110 700*				44.0
46.0	43.8	93.0	108 400*	51.1	96.8	110 700*	57.6	99.2	105 100*				46.0
48.0	40.4	90.6	103 000*	48.1	95.0	105 400*	54.9	97.8	99 900*				48.0
50.0	36.7	87.9	98 000*	45.0	93.0	100 400*	52.0	96.3	95 200*				50.0
52.0	32.6	84.9	93 600*	41.7	90.8	95 800*	49.1	94.5	90 700*	55.6	96.7	85 700*	52.0
54.0	28.0	81.2	89 000*	38.1	88.2	91 400*	46.0	92.6	86 600*	52.8	95.2	81 700*	54.0
56.0	22.5	76.6	80 000*	34.2	85.3	87 300*	42.8	90.4	82 700*	49.9	93.5	78 100*	56.0
58.0				29.8	81.9	83 500*	39.3	88.0	79 000*	46.9	91.6	74 600*	58.0
60.0				24.7	77.8	79 900*	35.5	85.2	75 700*	43.7	89.5	71 400*	60.0
62.0				18.2	72.2	75 600*	31.3	82.0	72 500*	40.3	87.1	68 400*	62.0
64.0				5.9	61.3	57 900*	26.5	78.1	69 500*	36.6	84.5	65 600*	64.0
66.0							20.6	73.1	66 600*	32.5	81.4	62 900*	66.0
68.0							11.8	65.4	63 800*	27.9	77.7	60 400*	68.0
70.0										22.4	73.1	57 900*	70.0
72.0										14.8	66.5	55 500*	72.0

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



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

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	73.0	113.1	153 800*										25.9
26.0	72.9	113.1	153 600*										26.0
28.0	70.8	112.4	149 800*										28.0
30.0	68.7	111.6	145 400*										30.0
32.0	66.5	110.7	140 700*										32.0
34.0	64.3	109.7	135 600*										34.0
36.0	62.1	108.7	130 200*										36.0
38.0	59.8	107.5	124 800*	65.1	109.4	136 600*							38.0
40.0	57.4	106.2	119 300*	62.9	108.3	128 900*							40.0
42.0	55.0	104.8	113 800*	60.6	107.2	121 900*							42.0
44.0	52.5	103.2	108 500*	58.3	105.9	115 500*							44.0
46.0	49.9	101.5	103 400*	55.9	104.6	109 700*	61.4	106.4	103 900*				46.0
48.0	47.2	99.7	98 500*	53.4	103.1	104 300*	59.1	105.2	98 800*				48.0
50.0	44.3	97.6	93 800*	50.9	101.4	99 400*	56.7	103.9	94 100*				50.0
52.0	41.4	95.3	89 500*	48.2	99.7	94 800*	54.2	102.4	89 600*				52.0
54.0	38.2	92.8	85 400*	45.4	97.7	90 500*	51.7	100.9	85 500*				54.0
56.0	34.7	90.0	81 700*	42.5	95.5	86 500*	49.1	99.1	81 700*	54.9	101.3	76 900*	56.0
58.0	30.9	86.7	78 400*	39.4	93.1	82 700*	46.4	97.2	78 100*	52.4	99.8	73 500*	58.0
60.0	26.6	82.8	74 900*	36.0	90.3	79 200*	43.5	95.1	74 700*	49.8	98.1	70 300*	60.0
62.0	21.4	78.0	67 200*	32.4	87.2	75 900*	40.4	92.7	71 600*	47.1	96.2	67 300*	62.0
64.0	14.5	71.2	55 500*	28.3	83.6	72 800*	37.2	90.1	68 600*	44.3	94.2	64 600*	64.0
66.0				23.5	79.2	69 800*	33.6	87.2	65 900*	41.3	91.9	61 900*	66.0
68.0				17.4	73.4	65 000*	29.7	83.7	63 200*	38.1	89.3	59 400*	68.0
70.0				6.7	62.7	49 600*	25.2	79.6	60 700*	34.6	86.5	57 000*	70.0
72.0							19.7	74.4	58 300*	30.8	83.2	54 800*	72.0
74.0							11.6	66.5	55 900*	26.5	79.3	52 700*	74.0
76.0										21.3	74.4	50 600*	76.0
78.0										14.3	67.6	48 600*	78.0

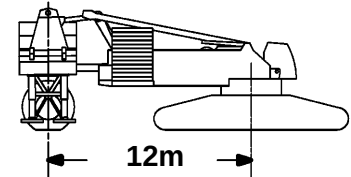


Liftcrane Luffing Jib Capacities

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



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

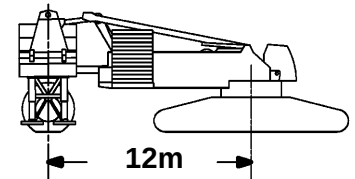
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
29.0	71.8	118.5	131 700*										29.0
30.0	70.8	118.2	130 100*										30.0
32.0	68.9	117.4	126 700*										32.0
34.0	66.9	116.5	123 000*										34.0
36.0	64.9	115.6	119 200*										36.0
38.0	62.9	114.5	115 100*										38.0
40.0	60.9	113.4	110 800*	65.7	115.2	127 500*							40.0
42.0	58.8	112.2	106 500*	63.7	114.2	120 300*							42.0
44.0	56.6	110.8	102 200*	61.6	113.1	114 000*							44.0
46.0	54.4	109.4	97 900*	59.6	111.9	108 300*							46.0
48.0	52.1	107.8	93 600*	57.4	110.6	102 900*							48.0
50.0	49.8	106.1	89 600*	55.2	109.2	98 000*	60.3	111.2	92 500*				50.0
52.0	47.4	104.3	85 600*	53.0	107.7	93 400*	58.1	109.9	88 100*				52.0
54.0	44.8	102.3	81 900*	50.7	106.0	89 200*	56.0	108.5	84 000*				54.0
56.0	42.2	100.1	78 400*	48.3	104.2	85 200*	53.8	107.1	80 200*				56.0
58.0	39.3	97.6	75 000*	45.8	102.3	81 400*	51.5	105.5	76 600*	56.6	107.4	71 900*	58.0
60.0	36.3	94.9	71 900*	43.2	100.2	77 900*	49.1	103.7	73 300*	54.4	105.9	68 700*	60.0
62.0	33.1	91.9	69 100*	40.4	97.8	74 700*	46.6	101.8	70 200*	52.1	104.4	65 800*	62.0
64.0	29.5	88.4	66 600*	37.5	95.2	71 600*	44.0	99.7	67 300*	49.7	102.7	63 000*	64.0
66.0	25.4	84.3	63 200*	34.3	92.3	68 700*	41.3	97.5	64 500*	47.3	100.8	60 400*	66.0
68.0	20.6	79.3	56 300*	30.9	89.0	65 900*	38.5	95.0	61 900*	44.8	98.8	57 900*	68.0
70.0	14.1	72.3	46 500*	27.0	85.2	63 300*	35.4	92.2	59 400*	42.1	96.6	55 600*	70.0
72.0				22.5	80.6	60 700*	32.1	89.0	57 100*	39.3	94.1	53 400*	72.0
74.0				16.8	74.6	55 400*	28.4	85.4	54 900*	36.3	91.4	51 300*	74.0
76.0				7.2	64.0	42 000*	24.1	81.1	52 800*	33.0	88.4	49 300*	76.0
78.0							18.9	75.7	50 700*	29.4	84.9	47 500*	78.0
80.0							11.4	67.6	48 100*	25.3	80.8	45 600*	80.0
84.0										13.9	68.7	42 100*	84.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



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

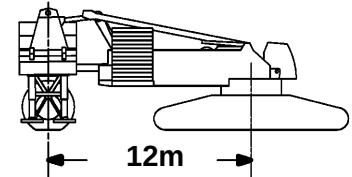
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
30.5	72.1	124.4	115 300*										30.5
32.0	70.8	123.9	113 500*										32.0
34.0	69.0	123.1	110 900*										34.0
36.0	67.3	122.3	108 100*										36.0
38.0	65.5	121.3	105 100*										38.0
40.0	63.6	120.3	101 900*										40.0
42.0	61.8	119.3	98 500*	66.1	121.0	114 300*							42.0
44.0	59.9	118.1	95 100*	64.3	120.0	112 600*							44.0
46.0	58.0	116.8	91 700*	62.5	118.9	107 100*							46.0
48.0	56.0	115.5	88 200*	60.6	117.8	101 800*							48.0
50.0	54.0	114.0	84 800*	58.7	116.6	96 900*							50.0
52.0	51.9	112.4	81 400*	56.7	115.2	92 400*	61.2	117.1	86 900*				52.0
54.0	49.7	110.7	78 100*	54.7	113.8	88 100*	59.3	115.8	82 800*				54.0
56.0	47.5	108.9	74 900*	52.7	112.3	84 100*	57.4	114.6	79 000*				56.0
58.0	45.2	106.9	71 900*	50.5	110.6	80 400*	55.4	113.2	75 500*				58.0
60.0	42.8	104.7	69 000*	48.3	108.8	76 900*	53.3	111.7	72 200*				60.0
62.0	40.3	102.4	66 300*	46.1	106.9	73 700*	51.2	110.1	69 100*	55.9	112.0	64 600*	62.0
64.0	37.6	99.8	63 700*	43.7	104.8	70 600*	49.1	108.3	66 200*	53.9	110.5	61 800*	64.0
66.0	34.7	96.9	61 300*	41.2	102.6	67 700*	46.8	106.4	63 400*	51.8	109.0	59 200*	66.0
68.0	31.7	93.7	59 200*	38.6	100.1	65 000*	44.5	104.4	60 900*	49.7	107.3	56 800*	68.0
70.0	28.3	90.1	56 800*	35.8	97.3	62 500*	42.1	102.2	58 400*	47.5	105.4	54 500*	70.0
72.0	24.4	85.8	53 200*	32.8	94.2	60 000*	39.5	99.8	56 100*	45.2	103.4	52 300*	72.0
74.0	19.8	80.6	47 400*	29.6	90.8	57 700*	36.8	97.1	54 000*	42.7	101.3	50 300*	74.0
76.0	13.8	73.4	39 000*	25.9	86.8	55 100*	33.9	94.2	51 900*	40.2	98.9	48 300*	76.0
78.0				21.7	82.0	52 000*	30.7	90.8	49 900*	37.5	96.3	46 400*	78.0
80.0				16.3	75.7	46 800*	27.2	87.0	48 000*	34.7	93.4	44 600*	80.0
84.0							18.3	76.9	44 400*	28.2	86.6	41 300*	84.0
88.0										19.7	77.1	38 000*	88.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



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

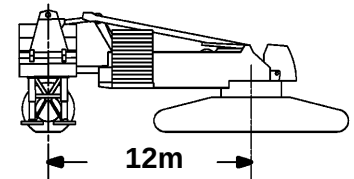
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
32.0	72.4	130.4	101 100*										32.0
34.0	70.8	129.7	99 200*										34.0
36.0	69.2	128.9	97 200*										36.0
38.0	67.6	128.1	94 900*										38.0
40.0	65.9	127.2	92 500*										40.0
42.0	64.2	126.2	90 000*										42.0
44.0	62.5	125.1	87 400*	66.5	126.8	97 900*							44.0
46.0	60.8	124.0	84 800*	64.9	125.8	97 900*							46.0
48.0	59.1	122.8	82 000*	63.2	124.8	96 900*							48.0
50.0	57.3	121.5	79 200*	61.5	123.7	93 900*							50.0
52.0	55.4	120.1	76 400*	59.7	122.5	90 600*							52.0
54.0	53.6	118.6	73 700*	57.9	121.2	86 700*	62.0	122.9	81 300*				54.0
56.0	51.6	117.0	71 000*	56.1	119.9	82 700*	60.3	121.8	77 400*				56.0
58.0	49.7	115.3	68 300*	54.3	118.4	79 000*	58.5	120.5	73 900*				58.0
60.0	47.6	113.5	65 700*	52.4	116.9	75 500*	56.7	119.2	70 600*				60.0
62.0	45.5	111.5	63 300*	50.4	115.2	72 300*	54.9	117.8	67 600*				62.0
64.0	43.3	109.4	60 900*	48.4	113.5	69 300*	53.0	116.3	64 700*	57.2	118.0	60 200*	64.0
66.0	41.0	107.1	58 600*	46.3	111.5	66 400*	51.1	114.7	62 000*	55.4	116.7	57 600*	66.0
68.0	38.6	104.6	56 500*	44.2	109.5	63 700*	49.1	112.9	59 400*	53.5	115.2	55 200*	68.0
70.0	36.1	101.9	54 500*	41.9	107.2	61 200*	47.0	111.1	57 000*	51.6	113.6	52 900*	70.0
72.0	33.4	98.9	52 600*	39.5	104.8	58 700*	44.9	109.0	54 700*	49.6	111.9	50 800*	72.0
74.0	30.4	95.5	50 300*	37.1	102.2	56 500*	42.7	106.9	52 600*	47.6	110.0	48 700*	74.0
76.0	27.2	91.7	47 800*	34.4	99.3	54 000*	40.3	104.5	50 500*	45.5	108.1	46 800*	76.0
78.0	23.6	87.3	44 400*	31.6	96.1	51 300*	37.9	102.0	48 600*	43.3	105.9	44 900*	78.0
80.0	19.2	81.9	39 500*	28.5	92.5	48 800*	35.3	99.2	46 700*	41.0	103.6	43 100*	80.0
84.0				20.9	83.3	43 800*	29.5	92.6	43 300*	36.0	98.4	39 500*	84.0
88.0				7.8	66.4	29 600*	22.4	83.9	40 000*	30.4	92.0	36 200*	88.0
92.0							11.2	69.7	35 800*	23.5	83.8	33 100*	92.0
96.0										13.3	70.9	30 100*	96.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



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

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
33.5	72.6	136.3	86 900*										33.5
34.0	72.3	136.1	86 900*										34.0
36.0	70.8	135.4	86 500*										36.0
38.0	69.3	134.7	85 100*										38.0
40.0	67.8	133.8	83 400*										40.0
42.0	66.3	132.9	81 500*										42.0
44.0	64.7	132.0	79 600*										44.0
46.0	63.2	131.0	77 600*	66.9	132.6	83 600*							46.0
48.0	61.6	129.9	75 500*	65.3	131.6	83 500*							48.0
50.0	60.0	128.7	73 400*	63.8	130.6	81 800*							50.0
52.0	58.3	127.5	70 800*	62.2	129.6	78 700*							52.0
54.0	56.7	126.1	67 900*	60.6	128.4	75 800*							54.0
56.0	55.0	124.7	65 000*	59.0	127.2	72 900*							56.0
58.0	53.2	123.2	62 200*	57.3	125.9	69 900*	61.1	127.7	72 700*				58.0
60.0	51.4	121.6	59 400*	55.6	124.5	67 000*	59.5	126.5	69 400*				60.0
62.0	49.6	119.9	56 800*	53.9	123.1	64 200*	57.9	125.2	66 400*				62.0
64.0	47.7	118.1	54 200*	52.1	121.5	61 400*	56.2	123.9	63 500*				64.0
66.0	45.8	116.2	51 700*	50.3	119.8	58 700*	54.5	122.4	60 800*				66.0
68.0	43.8	114.1	49 300*	48.4	118.1	56 000*	52.7	120.9	58 300*	56.6	122.7	54 000*	68.0
70.0	41.7	111.8	47 000*	46.5	116.2	53 500*	50.9	119.3	55 900*	54.9	121.3	51 700*	70.0
72.0	39.5	109.4	44 700*	44.5	114.1	51 000*	49.1	117.5	53 600*	53.2	119.8	49 500*	72.0
74.0	37.2	106.8	42 500*	42.5	111.9	48 600*	47.2	115.7	51 400*	51.4	118.2	47 500*	74.0
76.0	34.8	103.9	40 400*	40.3	109.6	46 300*	45.2	113.7	49 400*	49.6	116.5	45 500*	76.0
78.0	32.2	100.8	38 400*	38.1	107.0	44 000*	43.2	111.5	47 500*	47.7	114.6	43 500*	78.0
80.0	29.4	97.3	36 500*	35.7	104.3	41 800*	41.0	109.2	45 600*	45.7	112.7	41 600*	80.0
84.0	22.8	88.7	32 900*	30.4	97.9	37 700*	36.5	104.1	42 200*	41.6	108.3	38 000*	84.0
88.0	13.3	75.6	26 500*	24.2	89.8	34 000*	31.4	97.9	38 800*	37.2	103.3	34 800*	88.0
92.0				15.5	78.0	30 500*	25.3	90.2	35 000*	32.1	97.3	31 700*	92.0
96.0							17.3	79.3	31 500*	26.2	89.8	28 900*	96.0
100.0										18.6	79.6	26 200*	100.0

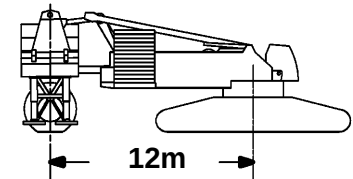


Liftcrane Luffing Jib Capacities

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



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

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
35.1	72.8	142.2	75 300*										35.1
36.0	72.2	141.9	75 300*										36.0
38.0	70.8	141.2	75 000*										38.0
40.0	69.4	140.4	74 600*										40.0
42.0	68.0	139.6	73 200*										42.0
44.0	66.6	138.7	71 800*										44.0
46.0	65.2	137.8	70 200*										46.0
48.0	63.7	136.8	68 400*	67.1	138.3	71 800*							48.0
50.0	62.3	135.7	65 800*	65.7	137.4	71 800*							50.0
52.0	60.8	134.6	63 100*	64.3	136.4	70 300*							52.0
54.0	59.3	133.4	60 400*	62.8	135.4	67 500*							54.0
56.0	57.7	132.1	57 600*	61.3	134.3	64 800*							56.0
58.0	56.2	130.8	54 900*	59.8	133.1	62 100*							58.0
60.0	54.6	129.4	52 400*	58.3	131.9	59 300*	61.8	133.5	65 300*				60.0
62.0	52.9	127.8	49 800*	56.7	130.6	56 700*	60.3	132.4	62 800*				62.0
64.0	51.3	126.2	47 400*	55.2	129.2	54 100*	58.8	131.2	60 200*				64.0
66.0	49.6	124.5	44 900*	53.6	127.7	51 500*	57.3	129.9	57 500*				66.0
68.0	47.8	122.7	42 600*	51.9	126.1	48 900*	55.7	128.5	55 000*				68.0
70.0	46.0	120.8	40 300*	50.2	124.4	46 400*	54.1	127.0	52 500*				70.0
72.0	44.2	118.7	38 200*	48.5	122.7	44 100*	52.5	125.5	49 900*	56.1	127.3	47 700*	72.0
74.0	42.2	116.5	36 000*	46.7	120.8	41 800*	50.8	123.9	47 500*	54.5	125.9	45 500*	74.0
76.0	40.2	114.1	34 000*	44.9	118.8	39 500*	49.1	122.1	45 100*	52.9	124.4	43 400*	76.0
78.0	38.1	111.6	32 000*	43.0	116.6	37 300*	47.3	120.3	42 800*	51.2	122.8	41 500*	78.0
80.0	35.9	108.9	30 100*	41.0	114.3	35 200*	45.5	118.3	40 600*	49.5	121.1	39 500*	80.0
84.0	31.1	102.6	26 600*	36.8	109.2	31 300*	41.6	113.9	36 200*	46.0	117.3	36 000*	84.0
88.0	25.5	94.9	23 200*	32.1	103.1	27 600*	37.5	108.9	32 200*	42.2	113.0	32 800*	88.0
92.0	18.2	84.4	20 200*	26.6	95.7	24 200*	32.9	103.1	28 500*	38.1	108.1	29 800*	92.0
96.0				19.7	85.9	21 100*	27.6	95.9	25 000*	33.5	102.4	27 100*	96.0
100.0				8.2	68.7	17 500*	21.0	86.7	21 800*	28.4	95.4	24 500*	100.0
104.0							11.1	71.8	19 000*	22.0	86.6	22 100*	104.0
108.0										12.9	73.1	19 600*	108.0

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

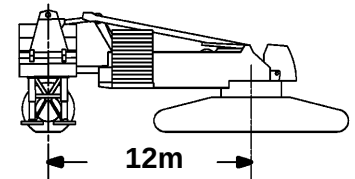
145 150 kg Carbody Counterweight

210 470 kg Wheeled Counterweight
at 12m Position

360 Degree Rating

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

**18000 With
21000 MAX-ER**



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

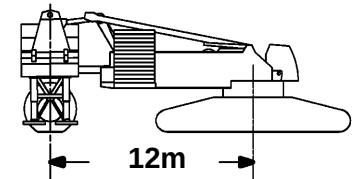
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
38.1	72.0	147.6	65 200*										38.1
40.0	70.8	146.9	64 900*										40.0
42.0	69.5	146.2	64 600*										42.0
44.0	68.2	145.4	64 200*										44.0
46.0	66.9	144.5	63 100*										46.0
48.0	65.6	143.6	61 500*										48.0
50.0	64.2	142.6	58 800*										50.0
52.0	62.8	141.6	56 200*	66.1	143.2	61 700*							52.0
54.0	61.5	140.5	53 700*	64.7	142.3	60 300*							54.0
56.0	60.1	139.3	51 200*	63.4	141.2	57 700*							56.0
58.0	58.6	138.1	48 600*	62.0	140.2	55 100*							58.0
60.0	57.2	136.8	46 200*	60.6	139.0	52 600*							60.0
62.0	55.7	135.4	43 800*	59.2	137.8	50 100*							62.0
64.0	54.2	134.0	41 400*	57.7	136.6	47 700*	61.0	138.3	53 200*				64.0
66.0	52.7	132.4	39 100*	56.3	135.2	45 200*	59.6	137.1	50 800*				66.0
68.0	51.1	130.8	36 900*	54.8	133.8	42 800*	58.2	135.8	48 400*				68.0
70.0	49.5	129.1	34 700*	53.3	132.3	40 400*	56.8	134.5	46 100*				70.0
72.0	47.9	127.3	32 600*	51.7	130.7	38 200*	55.3	133.1	43 700*				72.0
74.0	46.2	125.4	30 500*	50.1	129.0	35 900*	53.8	131.7	41 400*	57.2	133.4	43 900*	74.0
76.0	44.5	123.3	28 600*	48.5	127.3	33 800*	52.2	130.1	39 100*	55.7	132.0	41 800*	76.0
78.0	42.7	121.2	26 700*	46.8	125.4	31 700*	50.7	128.5	36 800*	54.2	130.5	39 800*	78.0
80.0	40.8	118.9	24 800*	45.1	123.4	29 700*	49.1	126.7	34 700*	52.7	129.0	37 900*	80.0
84.0	36.9	113.7	21 300*	41.5	119.0	25 800*	45.7	122.9	30 600*	49.5	125.7	34 400*	84.0
88.0	32.5	107.8	18 000*	37.7	114.0	22 200*	42.2	118.6	26 600*	46.2	121.9	31 100*	88.0
92.0	27.6	100.6	15 000*	33.4	108.2	18 900*	38.3	113.8	23 000*	42.7	117.7	27 200*	92.0
96.0	21.5	91.5	12 200*	28.6	101.3	15 800*	34.1	108.1	19 600*	38.9	112.9	23 600*	96.0
100.0	12.9	77.8	9 700*	22.8	92.7	13 000*	29.4	101.4	16 500*	34.7	107.4	20 200*	100.0
104.0				14.9	80.3	10 400*	23.8	93.1	13 600*	30.1	100.9	17 000*	104.0
108.0							16.5	81.7	11 000*	24.7	92.8	14 100*	108.0
112.0										17.7	82.0	11 500*	112.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

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			75 Degree Boom Angle			70 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	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	281 900*c													15.2
16.0	71.6	90.0	276 600*c													16.0
18.0	67.1	89.2	262 000*b													18.0
20.0	62.3	88.1	246 100*b	67.4	89.0	274 900*b										20.0
22.0	57.4	86.8	230 200*	62.6	87.9	259 700*b										22.0
24.0	52.0	85.2	214 700*	57.7	86.7	240 900*										24.0
26.0	46.2	83.2	200 500*	52.4	85.1	221 000*	65.7	87.8	210 800*b							26.0
28.0	39.7	80.9	188 100*	46.6	83.2	204 400*	60.9	86.7	194 900*b							28.0
30.0	32.0	77.8	173 500*	40.2	80.8	189 800*	55.8	85.3	181 100*							30.0
32.0	21.7	73.2	139 800*	32.6	77.8	177 000*	50.4	83.6	168 900*							32.0
34.0				22.5	73.4	146 600*	44.4	81.6	158 100*	58.8	84.9	150 500*b				34.0
36.0							37.6	79.0	148 400*	53.6	83.4	141 300*				36.0
38.0							29.3	75.6	139 700*	48.0	81.6	133 100*				38.0
40.0										41.7	79.4	125 600*	56.4	82.5	119 300*	40.0
42.0										34.5	76.5	118 700*	51.0	80.9	112 800*	42.0
44.0										25.2	72.5	112 400*	45.1	78.9	106 900*	44.0
46.0													38.5	76.4	101 500*	46.0
48.0													30.4	73.1	96 300*	48.0
50.0													19.1	68.1	91 400*	50.0

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

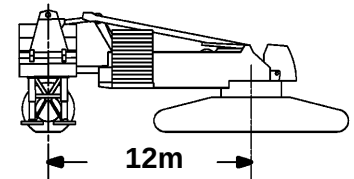
Capacities indicated by **(c)** require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

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			75 Degree Boom Angle			70 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	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	240 000* b													16.8
18.0	71.5	95.8	233 400* b													18.0
20.0	67.8	94.9	221 900* b	71.7	95.6	244 300* b										20.0
22.0	64.0	93.9	209 600* b	68.0	94.8	233 900* b										22.0
24.0	60.0	92.7	197 100*	64.2	93.8	222 200*										24.0
26.0	55.9	91.4	184 900*	60.3	92.6	209 800*										26.0
28.0	51.5	89.8	173 200*	56.1	91.3	197 400*	66.7	93.7	194 200* b							28.0
30.0	46.8	87.9	162 400*	51.8	89.7	185 200*	62.8	92.6	180 300*							30.0
32.0	41.6	85.6	152 700*	47.1	87.8	173 700*	58.8	91.4	168 300*							32.0
34.0	35.9	82.9	144 500*	42.0	85.6	163 200*	54.6	89.9	157 600*							34.0
36.0	29.0	79.4	138 000*	36.2	82.9	154 000*	50.1	88.2	148 000*							36.0
38.0	19.9	74.5	119 400*	29.5	79.5	146 300*	45.3	86.2	139 400*	57.1	89.5	132 300*				38.0
40.0				20.6	74.7	125 200*	40.0	83.9	131 600*	52.8	88.0	124 900*				40.0
42.0							33.9	81.0	124 500*	48.2	86.2	118 200*				42.0
44.0							26.6	77.2	118 000*	43.2	84.1	112 100*	55.1	87.1	106 100*	44.0
46.0										37.6	81.5	106 500*	50.6	85.5	100 700*	46.0
48.0										31.2	78.3	101 200*	45.9	83.5	95 800*	48.0
50.0										22.9	73.9	96 300*	40.6	81.2	91 100*	50.0
52.0													34.7	78.4	86 800*	52.0
54.0													27.6	74.7	82 700*	54.0
56.0													17.6	69.2	78 900*	56.0

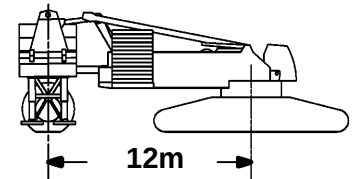
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

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			75 Degree Boom Angle			70 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	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	198 500*b													20.0
22.0	68.3	100.7	189 500*b	71.6	101.4	208 500*b										22.0
24.0	65.1	99.8	179 900*	68.5	100.6	200 400*										24.0
26.0	61.8	98.7	170 200*	65.3	99.6	191 300*										26.0
28.0	58.4	97.4	160 600*	62.0	98.6	181 800*										28.0
30.0	54.8	96.0	151 200*	58.6	97.3	172 100*										30.0
32.0	51.1	94.4	142 300*	55.0	95.9	162 400*	64.1	98.4	166 700*							32.0
34.0	47.1	92.5	134 000*	51.3	94.3	153 000*	60.8	97.3	156 100*							34.0
36.0	42.9	90.3	126 500*	47.4	92.4	144 200*	57.3	96.0	146 600*							36.0
38.0	38.2	87.8	119 800*	43.2	90.3	135 900*	53.7	94.5	138 100*							38.0
40.0	33.0	84.8	114 100*	38.5	87.8	128 500*	49.9	92.8	130 400*	59.4	95.5	123 300*				40.0
42.0	26.8	81.0	109 800*	33.3	84.8	122 100*	45.9	90.9	123 400*	55.9	94.2	116 700*				42.0
44.0	18.5	75.7	98 500*	27.2	81.1	116 800*	41.5	88.6	117 000*	52.2	92.6	110 600*				44.0
46.0				19.2	75.9	104 300*	36.7	86.0	111 100*	48.3	90.8	105 100*				46.0
48.0							31.3	82.8	105 700*	44.2	88.7	100 000*	54.2	91.7	94 200*	48.0
50.0							24.6	78.6	100 700*	39.6	86.3	95 200*	50.4	90.1	89 600*	50.0
52.0										34.6	83.5	90 800*	46.4	88.2	85 400*	52.0
54.0										28.7	80.0	86 500*	42.1	85.9	81 500*	54.0
56.0										21.3	75.2	82 600*	37.3	83.3	77 800*	56.0
58.0													32.0	80.2	74 400*	58.0
60.0													25.5	76.2	71 100*	60.0
62.0													16.6	70.4	67 900*	62.0

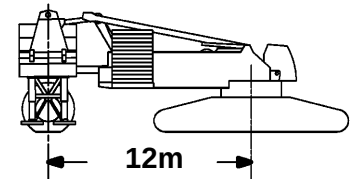
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

**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			75 Degree Boom Angle			70 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	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	170 700* b													22.0
24.0	68.6	106.5	163 600*													24.0
26.0	65.9	105.6	156 200*	68.8	106.3	173 300*										26.0
28.0	63.0	104.5	148 500*	66.0	105.4	166 300*										28.0
30.0	60.1	103.4	140 800*	63.2	104.4	159 000*										30.0
32.0	57.1	102.1	133 300*	60.3	103.3	151 300*	67.8	105.2	165 600*							32.0
34.0	54.0	100.6	126 100*	57.3	102.0	143 600*	65.0	104.3	155 000*							34.0
36.0	50.8	98.9	119 200*	54.2	100.5	136 000*	62.2	103.2	145 600*							36.0
38.0	47.4	97.1	112 800*	51.0	98.9	128 700*	59.3	102.0	137 100*							38.0
40.0	43.8	95.0	106 800*	47.6	97.0	121 800*	56.2	100.6	129 500*							40.0
42.0	39.9	92.6	101 400*	44.0	95.0	115 300*	53.1	99.1	122 500*	61.0	101.5	115 600*				42.0
44.0	35.6	89.9	96 700*	40.1	92.6	109 400*	49.8	97.4	116 200*	58.0	100.2	109 600*				44.0
46.0	30.8	86.6	92 700*	35.9	89.9	104 000*	46.3	95.5	110 400*	55.0	98.8	104 100*				46.0
48.0	25.1	82.5	89 600*	31.1	86.6	99 400*	42.6	93.3	105 000*	51.8	97.2	99 000*				48.0
50.0	17.6	76.8	81 900*	25.5	82.6	95 700*	38.6	90.8	100 100*	48.4	95.4	94 400*				50.0
52.0				18.1	77.1	86 900*	34.2	87.9	95 500*	44.8	93.4	89 900*	53.5	96.3	84 400*	52.0
54.0							29.2	84.5	91 200*	41.0	91.1	85 800*	50.2	94.7	80 500*	54.0
56.0							23.1	80.0	87 000*	36.9	88.5	82 000*	46.7	92.8	76 900*	56.0
58.0										32.2	85.3	78 400*	43.1	90.6	73 500*	58.0
60.0										26.9	81.5	75 000*	39.1	88.2	70 300*	60.0
62.0										20.1	76.5	71 800*	34.8	85.3	67 400*	62.0
64.0										8.3	67.4	68 500*	29.8	81.9	64 600*	64.0
66.0													23.9	77.7	61 900*	66.0
68.0													15.8	71.5	59 300*	68.0

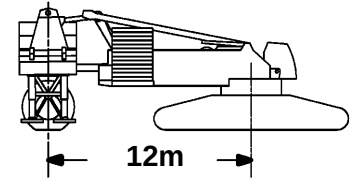
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

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			75 Degree Boom Angle			70 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	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	155 300*										26.0
28.0	66.5	111.4	135 900*	69.0	112.1	150 400*										28.0
30.0	64.0	110.4	129 900*	66.6	111.2	145 000*										30.0
32.0	61.5	109.3	123 800*	64.2	110.2	139 200*										32.0
34.0	58.9	108.1	117 800*	61.6	109.2	133 200*										34.0
36.0	56.2	106.7	111 900*	59.0	107.9	127 100*	65.7	110.1	144 100*							36.0
38.0	53.5	105.2	106 200*	56.4	106.6	121 000*	63.2	109.1	135 600*							38.0
40.0	50.6	103.6	100 800*	53.6	105.1	115 100*	60.7	107.9	127 900*							40.0
42.0	47.6	101.7	95 800*	50.8	103.5	109 400*	58.1	106.7	121 100*							42.0
44.0	44.4	99.7	91 100*	47.8	101.6	103 800*	55.4	105.3	114 800*							44.0
46.0	41.1	97.4	86 700*	44.6	99.6	98 700*	52.6	103.7	109 000*	59.6	106.2	102 500*				46.0
48.0	37.4	94.8	82 800*	41.3	97.3	93 900*	49.7	102.0	103 700*	57.0	104.8	97 400*				48.0
50.0	33.5	91.8	79 300*	37.7	94.8	89 500*	46.7	100.1	98 800*	54.3	103.4	92 800*				50.0
52.0	29.0	88.3	76 500*	33.7	91.8	85 600*	43.4	98.0	94 300*	51.4	101.8	88 400*				52.0
54.0	23.7	83.9	74 300*	29.3	88.3	82 200*	40.0	95.6	90 000*	48.5	100.0	84 400*	55.7	102.5	78 800*	54.0
56.0	16.8	78.0	68 500*	24.1	84.1	79 500*	36.3	92.9	86 000*	45.4	98.0	80 600*	52.9	100.9	75 200*	56.0
58.0				17.3	78.3	72 600*	32.2	89.8	82 300*	42.1	95.8	77 000*	50.1	99.3	71 900*	58.0
60.0							27.5	86.1	78 700*	38.5	93.3	73 800*	47.0	97.4	68 800*	60.0
62.0							21.9	81.4	75 300*	34.7	90.5	70 700*	43.8	95.3	65 900*	62.0
64.0							14.0	74.6	72 100*	30.4	87.1	67 700*	40.4	93.0	63 100*	64.0
66.0										25.4	83.1	64 900*	36.8	90.3	60 500*	66.0
68.0										19.1	77.7	62 300*	32.7	87.2	58 100*	68.0
70.0										8.6	68.5	59 600*	28.1	83.6	55 800*	70.0
72.0													22.6	79.1	53 500*	72.0
74.0													15.2	72.6	51 300*	74.0

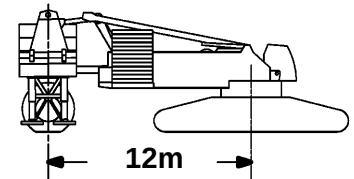
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



61.0m (200 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

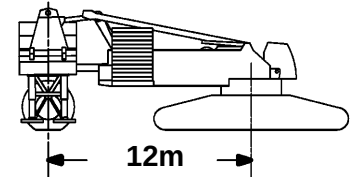
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	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	128 100*													26.0
28.0	69.1	118.0	123 800*	71.4	118.7	135 100*										28.0
30.0	66.9	117.2	119 200*	69.2	117.9	131 300*										30.0
32.0	64.7	116.2	114 400*	67.1	117.0	127 200*										32.0
34.0	62.5	115.2	109 600*	64.9	116.1	122 700*										34.0
36.0	60.2	114.0	104 800*	62.7	115.0	118 000*										36.0
38.0	57.9	112.7	100 000*	60.4	113.9	113 200*	66.3	115.9	134 400*							38.0
40.0	55.5	111.3	95 300*	58.0	112.6	108 300*	64.1	114.9	126 800*							40.0
42.0	53.0	109.8	90 900*	55.6	111.2	103 500*	61.8	113.8	119 900*							42.0
44.0	50.4	108.2	86 600*	53.1	109.7	98 800*	59.5	112.6	113 700*							44.0
46.0	47.7	106.3	82 500*	50.6	108.1	94 200*	57.2	111.3	107 900*							46.0
48.0	44.9	104.3	78 700*	47.9	106.2	89 800*	54.7	109.9	102 600*	60.9	112.1	96 300*				48.0
50.0	42.0	102.1	75 200*	45.1	104.2	85 600*	52.2	108.3	97 800*	58.6	110.8	91 600*				50.0
52.0	38.8	99.6	72 000*	42.2	102.1	81 700*	49.6	106.6	93 300*	56.2	109.5	87 300*				52.0
54.0	35.4	96.8	69 000*	39.0	99.6	78 100*	46.9	104.7	89 100*	53.7	108.0	83 300*				54.0
56.0	31.7	93.7	66 500*	35.7	96.8	74 800*	44.1	102.7	85 100*	51.2	106.4	79 500*				56.0
58.0	27.5	89.9	64 300*	32.0	93.7	71 800*	41.1	100.4	81 400*	48.5	104.6	76 000*	55.0	107.1	70 800*	58.0
60.0	22.6	85.3	62 800*	27.8	90.0	69 300*	37.8	97.8	77 900*	45.8	102.7	72 800*	52.5	105.6	67 600*	60.0
62.0	16.2	79.2	58 000*	22.9	85.5	67 300*	34.4	94.9	74 700*	42.9	100.5	69 700*	49.9	103.9	64 800*	62.0
64.0				16.6	79.4	61 300*	30.5	91.6	71 600*	39.8	98.1	66 800*	47.2	102.0	62 100*	64.0
66.0							26.1	87.7	68 700*	36.5	95.4	64 100*	44.4	100.0	59 500*	66.0
68.0							20.9	82.7	65 900*	32.8	92.4	61 500*	41.4	97.7	57 100*	68.0
70.0							13.6	75.6	61 700*	28.8	88.8	59 100*	38.2	95.2	54 800*	70.0
72.0										24.1	84.5	56 700*	34.8	92.3	52 700*	72.0
74.0										18.3	79.0	54 500*	31.0	89.1	50 600*	74.0
76.0										8.8	69.6	52 200*	26.7	85.2	48 600*	76.0
78.0													21.6	80.4	46 700*	78.0
80.0													14.7	73.7	44 900*	80.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



61.0m (200 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

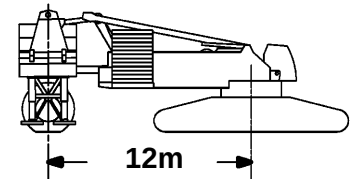
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	74.6	125.8	117 300*													24.4
26.0	73.1	125.3	114 900*													26.0
28.0	71.2	124.6	111 700*													28.0
30.0	69.3	123.8	108 200*	71.3	124.4	117 900*										30.0
32.0	67.3	122.9	104 600*	69.4	123.7	114 900*										32.0
34.0	65.3	122.0	100 800*	67.4	122.8	111 600*										34.0
36.0	63.3	121.0	96 900*	65.5	121.9	108 100*										36.0
38.0	61.3	119.9	93 000*	63.5	120.9	104 400*										38.0
40.0	59.2	118.7	89 200*	61.4	119.8	100 600*	66.7	121.7	121 700*							40.0
42.0	57.1	117.4	85 300*	59.3	118.6	96 700*	64.7	120.7	118 900*							42.0
44.0	54.9	115.9	81 600*	57.2	117.3	92 800*	62.7	119.7	112 100*							44.0
46.0	52.6	114.4	78 100*	55.0	115.8	88 900*	60.7	118.5	106 400*							46.0
48.0	50.3	112.7	74 700*	52.8	114.3	85 100*	58.6	117.3	101 200*							48.0
50.0	47.9	110.9	71 400*	50.4	112.7	81 500*	56.4	116.0	96 300*							50.0
52.0	45.3	108.9	68 300*	48.0	110.9	77 900*	54.2	114.5	91 800*	59.8	116.8	85 700*				52.0
54.0	42.7	106.8	65 400*	45.5	108.9	74 600*	51.9	112.9	87 700*	57.7	115.5	81 700*				54.0
56.0	39.9	104.4	62 800*	42.9	106.7	71 400*	49.6	111.2	83 700*	55.5	114.1	78 000*				56.0
58.0	37.0	101.8	60 300*	40.1	104.4	68 300*	47.1	109.4	80 000*	53.3	112.6	74 500*				58.0
60.0	33.8	98.8	58 100*	37.1	101.7	65 600*	44.6	107.3	76 600*	51.0	111.0	71 300*	56.7	113.2	66 000*	60.0
62.0	30.2	95.4	56 200*	34.0	98.8	63 000*	41.9	105.1	73 400*	48.6	109.2	68 200*	54.5	111.7	63 100*	62.0
64.0	26.3	91.5	54 600*	30.5	95.5	60 800*	39.0	102.6	70 400*	46.1	107.3	65 400*	52.2	110.2	60 400*	64.0
66.0	21.7	86.7	53 400*	26.6	91.6	58 900*	36.0	99.9	67 500*	43.5	105.2	62 700*	49.8	108.5	57 900*	66.0
68.0	15.6	80.3	49 200*	22.0	86.8	57 400*	32.7	96.8	64 800*	40.7	102.9	60 100*	47.4	106.6	55 500*	68.0
70.0				16.1	80.6	51 500*	29.1	93.3	62 200*	37.8	100.3	57 700*	44.9	104.6	53 300*	70.0
72.0							25.0	89.2	59 800*	34.7	97.4	55 500*	42.2	102.4	51 200*	72.0
74.0							20.0	84.0	57 400*	31.3	94.2	53 300*	39.4	100.0	49 100*	74.0
76.0							13.3	76.7	52 300*	27.5	90.5	51 300*	36.4	97.3	47 200*	76.0
78.0										23.1	86.0	49 300*	33.1	94.2	45 400*	78.0
80.0										17.6	80.2	47 400*	29.6	90.8	43 700*	80.0
84.0													20.7	81.7	40 100*	84.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



61.0m (200 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

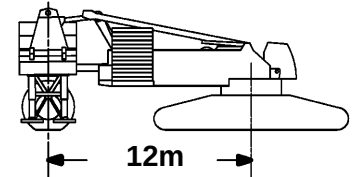
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.7	131.7	103 000*													25.9
26.0	74.6	131.6	102 900*													26.0
28.0	72.9	131.0	100 400*													28.0
30.0	71.2	130.3	97 900*													30.0
32.0	69.4	129.6	95 100*	71.3	130.2	103 300*										32.0
34.0	67.6	128.7	92 100*	69.5	129.4	100 900*										34.0
36.0	65.8	127.8	89 100*	67.7	128.6	98 300*										36.0
38.0	64.0	126.8	86 000*	66.0	127.7	95 600*										38.0
40.0	62.2	125.8	82 900*	64.1	126.7	92 600*										40.0
42.0	60.3	124.6	79 700*	62.3	125.6	89 600*	67.1	127.5	105 200*							42.0
44.0	58.4	123.4	76 600*	60.4	124.5	86 400*	65.3	126.5	105 200*							44.0
46.0	56.4	122.0	73 600*	58.5	123.2	83 300*	63.5	125.5	104 600*							46.0
48.0	54.4	120.6	70 600*	56.5	121.9	80 200*	61.6	124.4	100 100*							48.0
50.0	52.3	119.0	67 700*	54.5	120.5	77 100*	59.7	123.2	95 200*							50.0
52.0	50.2	117.3	64 900*	52.4	118.9	74 000*	57.8	122.0	90 700*	62.7	123.8	84 500*				52.0
54.0	48.0	115.5	62 300*	50.3	117.3	71 000*	55.8	120.6	86 600*	60.8	122.7	80 500*				54.0
56.0	45.7	113.6	59 700*	48.1	115.5	68 200*	53.8	119.1	82 700*	58.9	121.5	76 800*				56.0
58.0	43.3	111.4	57 400*	45.8	113.5	65 400*	51.7	117.5	79 000*	57.0	120.2	73 300*				58.0
60.0	40.8	109.1	55 200*	43.4	111.4	62 800*	49.5	115.8	75 600*	55.0	118.7	70 100*				60.0
62.0	38.2	106.6	53 100*	41.0	109.1	60 300*	47.3	114.0	72 300*	52.9	117.2	67 100*				62.0
64.0	35.3	103.8	51 200*	38.3	106.6	57 900*	45.0	112.0	69 400*	50.8	115.6	64 200*	56.0	117.8	59 200*	64.0
66.0	32.3	100.7	49 600*	35.5	103.8	55 800*	42.6	109.8	66 500*	48.6	113.8	61 600*	54.0	116.3	56 700*	66.0
68.0	29.0	97.1	48 100*	32.5	100.7	53 900*	40.0	107.4	63 800*	46.4	111.9	59 100*	51.9	114.8	54 400*	68.0
70.0	25.2	93.0	46 900*	29.2	97.2	52 100*	37.3	104.8	61 300*	44.0	109.8	56 700*	49.8	113.1	52 100*	70.0
72.0	20.9	88.0	45 900*	25.5	93.1	50 600*	34.5	101.9	58 900*	41.5	107.6	54 400*	47.6	111.2	50 000*	72.0
74.0	15.2	81.4	41 300*	21.2	88.2	49 000*	31.3	98.7	56 600*	38.9	105.1	52 300*	45.3	109.2	48 000*	74.0
76.0				15.6	81.7	43 300*	27.9	95.0	54 500*	36.2	102.4	50 300*	42.8	107.1	46 100*	76.0
78.0							24.0	90.6	52 400*	33.2	99.4	48 400*	40.3	104.7	44 200*	78.0
80.0							19.3	85.3	49 900*	30.0	96.0	46 500*	37.7	102.2	42 300*	80.0
84.0										22.2	87.3	43 000*	31.7	96.1	38 800*	84.0
88.0										9.1	71.9	39 700*	24.5	88.2	35 500*	88.0
92.0													13.9	75.9	32 400*	92.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



61.0m (200 Ft.) Boom, 76.2m (250 Ft.) Luffing Jib

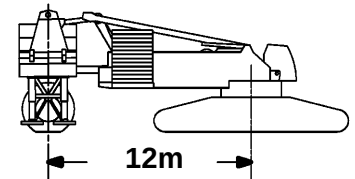
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	74.7	137.6	90 100*													27.4
28.0	74.3	137.4	89 600*													28.0
30.0	72.7	136.8	87 700*													30.0
32.0	71.1	136.1	85 600*	72.8	136.6	92 000*										32.0
34.0	69.5	135.3	83 500*	71.2	135.9	90 300*										34.0
36.0	67.9	134.5	81 200*	69.6	135.2	88 500*										36.0
38.0	66.2	133.6	78 800*	68.0	134.4	86 500*										38.0
40.0	64.6	132.6	76 300*	66.4	133.5	84 400*										40.0
42.0	62.9	131.6	73 800*	64.7	132.5	82 000*										42.0
44.0	61.2	130.5	71 300*	63.0	131.5	79 700*										44.0
46.0	59.4	129.3	68 700*	61.3	130.4	77 200*	65.8	132.3	90 300*							46.0
48.0	57.6	128.0	66 200*	59.5	129.2	74 700*	64.1	131.3	90 300*							48.0
50.0	55.8	126.7	63 800*	57.7	127.9	72 200*	62.4	130.3	89 800*							50.0
52.0	53.9	125.2	61 300*	55.9	126.6	69 600*	60.6	129.1	87 200*							52.0
54.0	52.0	123.6	59 000*	54.1	125.1	67 100*	58.9	127.9	84 200*							54.0
56.0	50.1	121.9	56 700*	52.2	123.5	64 600*	57.1	126.6	81 100*	61.7	128.6	75 200*				56.0
58.0	48.0	120.1	54 600*	50.2	121.9	62 300*	55.3	125.2	77 500*	59.9	127.4	71 700*				58.0
60.0	46.0	118.2	52 500*	48.2	120.1	59 900*	53.4	123.7	74 200*	58.2	126.2	68 500*				60.0
62.0	43.8	116.1	50 500*	46.1	118.1	57 600*	51.5	122.1	70 900*	56.3	124.8	65 500*				62.0
64.0	41.5	113.8	48 700*	43.9	116.1	55 500*	49.5	120.4	68 000*	54.5	123.4	62 700*				64.0
66.0	39.1	111.4	46 900*	41.7	113.8	53 400*	47.4	118.6	65 100*	52.6	121.8	60 000*	57.3	123.8	55 000*	66.0
68.0	36.6	108.7	45 300*	39.3	111.4	51 400*	45.3	116.6	62 500*	50.7	120.2	57 600*	55.5	122.4	52 700*	68.0
70.0	33.9	105.8	43 800*	36.8	108.7	49 600*	43.1	114.5	60 000*	48.6	118.4	55 200*	53.6	120.9	50 500*	70.0
72.0	31.1	102.5	42 500*	34.1	105.8	47 900*	40.8	112.1	57 600*	46.6	116.5	53 000*	51.7	119.4	48 400*	72.0
74.0	27.9	98.8	41 400*	31.2	102.5	46 400*	38.4	109.6	55 400*	44.4	114.5	50 900*	49.7	117.7	46 200*	74.0
76.0	24.3	94.5	40 500*	28.1	98.9	45 000*	35.8	106.9	53 200*	42.2	112.3	48 900*	47.7	115.8	44 100*	76.0
78.0	20.2	89.3	39 600*	24.6	94.6	43 800*	33.1	103.8	51 200*	39.8	109.9	47 000*	45.6	113.9	42 200*	78.0
80.0	14.8	82.6	34 000*	20.5	89.5	41 800*	30.1	100.4	49 000*	37.4	107.3	45 100*	43.4	111.7	40 300*	80.0
84.0							23.2	92.1	44 700*	31.9	101.2	41 800*	38.7	107.0	36 900*	84.0
88.0							12.8	78.9	37 000*	25.4	93.6	38 400*	33.4	101.2	33 600*	88.0
92.0										16.6	82.5	35 100*	27.3	94.1	30 700*	92.0
96.0													19.3	84.3	27 900*	96.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



61.0m (200 Ft.) Boom, 82.3m (270 Ft.) Luffing Jib

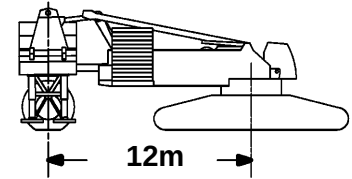
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
29.0	74.8	143.5	79 200*													29.0
30.0	74.0	143.2	78 500*													30.0
32.0	72.6	142.5	76 900*													32.0
34.0	71.1	141.8	75 300*													34.0
36.0	69.6	141.1	73 500*	71.2	141.7	79 400*										36.0
38.0	68.1	140.3	71 700*	69.7	140.9	77 900*										38.0
40.0	66.6	139.4	69 700*	68.2	140.1	76 300*										40.0
42.0	65.1	138.4	67 700*	66.7	139.3	74 500*										42.0
44.0	63.5	137.4	65 700*	65.2	138.3	72 700*										44.0
46.0	61.9	136.4	63 600*	63.6	137.3	70 800*	67.7	139.0	78 100*							46.0
48.0	60.3	135.2	61 600*	62.0	136.2	68 900*	66.1	138.1	78 100*							48.0
50.0	58.7	134.0	59 500*	60.4	135.1	66 900*	64.6	137.2	78 100*							50.0
52.0	57.0	132.7	57 500*	58.8	133.9	64 800*	63.0	136.1	77 900*							52.0
54.0	55.3	131.3	55 500*	57.1	132.6	62 800*	61.4	135.0	76 100*							54.0
56.0	53.6	129.8	53 500*	55.4	131.2	60 700*	59.8	133.9	73 200*							56.0
58.0	51.8	128.2	51 600*	53.7	129.7	58 600*	58.2	132.6	70 500*	62.4	134.4	70 500*				58.0
60.0	50.0	126.5	49 700*	51.9	128.1	56 600*	56.5	131.3	67 700*	60.8	133.3	67 300*				60.0
62.0	48.1	124.7	47 900*	50.1	126.5	54 700*	54.8	129.9	64 900*	59.2	132.1	64 300*				62.0
64.0	46.2	122.8	46 200*	48.2	124.7	52 800*	53.1	128.4	62 200*	57.5	130.8	61 500*				64.0
66.0	44.2	120.8	44 600*	46.3	122.7	50 900*	51.3	126.7	59 600*	55.8	129.4	58 900*				66.0
68.0	42.1	118.6	43 000*	44.3	120.7	49 100*	49.4	125.0	57 000*	54.1	128.0	56 400*				68.0
70.0	39.9	116.2	41 600*	42.2	118.5	47 300*	47.5	123.2	54 500*	52.3	126.4	54 000*	56.7	128.5	48 900*	70.0
72.0	37.7	113.6	40 200*	40.1	116.1	45 000*	45.6	121.2	52 000*	50.5	124.8	51 800*	55.0	127.1	46 700*	72.0
74.0	35.3	110.8	38 900*	37.8	113.6	42 900*	43.6	119.1	49 600*	48.7	123.0	49 700*	53.3	125.6	44 500*	74.0
76.0	32.7	107.7	37 800*	35.4	110.8	40 800*	41.5	116.9	47 300*	46.8	121.1	47 700*	51.5	124.0	42 500*	76.0
78.0	30.0	104.3	36 500*	32.9	107.7	38 800*	39.3	114.4	45 000*	44.8	119.1	45 900*	49.7	122.3	40 600*	78.0
80.0	26.9	100.4	34 600*	30.1	104.3	36 800*	37.0	111.8	42 800*	42.7	116.9	44 100*	47.8	120.4	38 700*	80.0
84.0	19.6	90.6	31 200*	23.8	96.1	33 200*	31.9	105.7	38 700*	38.4	112.1	40 400*	43.8	116.4	35 300*	84.0
88.0				14.9	84.0	29 100*	26.0	98.2	34 900*	33.5	106.4	37 100*	39.5	111.7	32 100*	88.0
92.0							18.2	87.8	31 500*	27.8	99.3	33 900*	34.8	106.3	29 300*	92.0
96.0										20.8	90.1	30 900*	29.4	99.7	26 600*	96.0
100.0										9.3	74.1	28 000*	22.9	91.1	24 000*	100.0
104.0													13.4	78.1	21 600*	104.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



61.0m (200 Ft.) Boom, 88.4m (290 Ft.) Luffing Jib

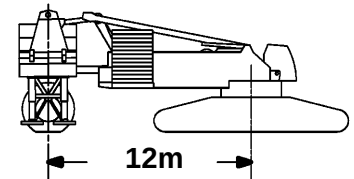
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
30.5	74.9	149.4	69 600*													30.5
32.0	73.8	148.9	68 700*													32.0
34.0	72.5	148.3	67 400*													34.0
36.0	71.1	147.6	66 000*													36.0
38.0	69.7	146.9	64 600*	71.2	147.4	69 600*										38.0
40.0	68.3	146.0	63 100*	69.8	146.7	68 400*										40.0
42.0	66.9	145.2	61 500*	68.4	145.9	67 100*										42.0
44.0	65.5	144.2	59 900*	67.0	145.0	65 700*										44.0
46.0	64.0	143.3	58 300*	65.6	144.1	64 300*										46.0
48.0	62.6	142.2	56 600*	64.1	143.1	62 700*										48.0
50.0	61.1	141.1	54 900*	62.7	142.1	61 200*	66.5	143.9	67 400*							50.0
52.0	59.6	139.9	53 200*	61.2	141.0	59 600*	65.0	143.0	67 400*							52.0
54.0	58.0	138.7	51 500*	59.7	139.8	58 000*	63.6	142.0	67 000*							54.0
56.0	56.5	137.3	49 900*	58.1	138.6	56 300*	62.1	140.9	65 200*							56.0
58.0	54.9	135.9	48 200*	56.6	137.2	54 600*	60.6	139.8	62 500*							58.0
60.0	53.3	134.4	46 600*	55.0	135.8	52 400*	59.1	138.6	60 000*							60.0
62.0	51.6	132.8	45 000*	53.4	134.3	49 900*	57.6	137.3	57 300*	61.5	139.2	62 500*				62.0
64.0	49.9	131.1	43 500*	51.7	132.7	47 500*	56.0	135.9	54 800*	60.0	138.0	59 900*				64.0
66.0	48.2	129.3	42 000*	50.0	131.1	45 200*	54.4	134.5	52 300*	58.5	136.8	57 300*				66.0
68.0	46.4	127.4	40 200*	48.3	129.3	42 900*	52.8	133.0	49 900*	56.9	135.5	54 800*				68.0
70.0	44.5	125.4	38 000*	46.5	127.4	40 700*	51.1	131.3	47 400*	55.4	134.1	52 500*				70.0
72.0	42.6	123.2	36 000*	44.7	125.3	38 500*	49.4	129.6	45 000*	53.8	132.6	50 300*				72.0
74.0	40.6	120.9	34 000*	42.7	123.2	36 400*	47.6	127.8	42 700*	52.1	131.1	48 300*	56.2	133.1	42 300*	74.0
76.0	38.6	118.4	32 000*	40.8	120.9	34 400*	45.8	125.8	40 500*	50.4	129.4	46 200*	54.6	131.7	40 300*	76.0
78.0	36.4	115.7	30 100*	38.7	118.4	32 400*	44.0	123.8	38 300*	48.7	127.6	44 200*	53.0	130.2	38 400*	78.0
80.0	34.1	112.8	28 300*	36.5	115.7	30 500*	42.0	121.6	36 200*	46.9	125.7	42 100*	51.3	128.6	36 600*	80.0
84.0	29.0	106.0	24 900*	31.8	109.6	26 900*	37.9	116.6	32 200*	43.2	121.6	37 800*	47.9	125.0	33 200*	84.0
88.0	22.8	97.4	21 800*	26.3	102.1	23 600*	33.4	110.8	28 500*	39.2	116.9	33 700*	44.2	121.1	30 100*	88.0
92.0	14.3	84.8	18 900*	19.3	92.1	20 500*	28.1	103.8	25 000*	34.8	111.4	29 900*	40.3	116.5	27 300*	92.0
96.0				7.0	73.6	16 500*	21.8	94.9	21 900*	29.8	104.8	26 300*	36.0	111.2	24 600*	96.0
100.0							12.4	81.1	19 000*	23.8	96.6	23 100*	31.2	105.0	22 200*	100.0
104.0										15.8	84.9	20 100*	25.5	97.2	19 900*	104.0
108.0													18.3	86.8	17 700*	108.0

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



61.0m (200 Ft.) Boom, 94.5m (310 Ft.) Luffing Jib

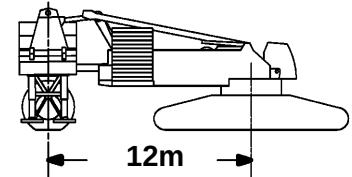
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
32.0	74.9	155.3	61 100*													32.0
34.0	73.6	154.7	60 100*													34.0
36.0	72.4	154.1	59 000*													36.0
38.0	71.1	153.4	57 900*													38.0
40.0	69.8	152.6	56 800*	71.2	153.2	60 800*										40.0
42.0	68.5	151.8	55 500*	69.9	152.5	60 100*										42.0
44.0	67.2	151.0	54 300*	68.6	151.7	59 000*										44.0
46.0	65.8	150.1	53 000*	67.2	150.8	57 900*										46.0
48.0	64.5	149.1	51 600*	65.9	149.9	56 700*										48.0
50.0	63.1	148.1	50 300*	64.6	149.0	55 600*										50.0
52.0	61.7	147.0	48 900*	63.2	147.9	54 300*	66.8	149.7	58 200*							52.0
54.0	60.3	145.8	47 500*	61.8	146.9	53 000*	65.4	148.8	58 200*							54.0
56.0	58.9	144.6	46 200*	60.4	145.7	51 100*	64.1	147.8	57 700*							56.0
58.0	57.5	143.3	44 800*	59.0	144.5	48 600*	62.7	146.7	55 500*							58.0
60.0	56.0	142.0	43 300*	57.6	143.2	46 200*	61.3	145.6	53 100*							60.0
62.0	54.5	140.6	41 100*	56.1	141.9	43 900*	59.9	144.5	50 700*							62.0
64.0	53.0	139.0	38 900*	54.6	140.4	41 600*	58.5	143.2	48 300*	62.1	145.0	54 000*				64.0
66.0	51.4	137.4	36 700*	53.1	138.9	39 300*	57.0	141.9	46 000*	60.7	143.9	51 800*				66.0
68.0	49.9	135.7	34 600*	51.5	137.3	37 100*	55.6	140.6	43 700*	59.3	142.7	49 600*				68.0
70.0	48.2	133.9	32 500*	50.0	135.7	35 000*	54.1	139.1	41 400*	57.9	141.5	47 300*				70.0
72.0	46.6	132.1	30 500*	48.3	133.9	32 900*	52.5	137.6	39 100*	56.4	140.1	45 000*				72.0
74.0	44.8	130.0	28 600*	46.7	132.0	30 900*	51.0	135.9	36 900*	55.0	138.7	42 900*				74.0
76.0	43.1	127.9	26 700*	45.0	130.0	28 900*	49.4	134.2	34 800*	53.4	137.2	40 600*				76.0
78.0	41.2	125.6	24 900*	43.2	127.8	27 000*	47.7	132.4	32 600*	51.9	135.6	38 400*	55.7	137.8	36 700*	78.0
80.0	39.3	123.2	23 100*	41.3	125.6	25 200*	46.1	130.5	30 600*	50.3	134.0	36 200*	54.2	136.3	34 900*	80.0
84.0	35.2	117.7	19 700*	37.4	120.5	21 700*	42.5	126.2	26 800*	47.1	130.4	32 100*	51.2	133.2	31 600*	84.0
88.0	30.7	111.4	16 600*	33.2	114.7	18 400*	38.7	121.4	23 100*	43.6	126.3	28 100*	47.9	129.6	28 500*	88.0
92.0	25.3	103.6	13 700*	28.3	107.7	15 400*	34.6	115.9	19 700*	39.9	121.7	24 400*	44.5	125.7	25 700*	92.0
96.0	18.6	93.2	11 100*	22.4	98.9	12 600*	29.9	109.3	16 600*	35.8	116.3	20 900*	40.9	121.2	23 100*	96.0
100.0				14.3	86.2	10 000*	24.4	101.2	13 700*	31.4	110.1	17 700*	36.9	116.1	20 700*	100.0
104.0							17.3	90.2	11 100*	26.2	102.6	14 700*	32.6	110.2	18 400*	104.0
108.0										19.7	92.7	12 000*	27.6	103.0	15 600*	108.0
112.0										9.4	76.2	9 600*	21.6	93.9	12 800*	112.0
116.0													13.0	80.3	10 300*	116.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

18000 With
 21000 MAX-ER



67.1m (220 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.0	96.5	247 400*c													15.2
16.0	72.4	96.2	243 400*c													16.0
18.0	67.8	95.4	232 200*b													18.0
20.0	63.1	94.3	219 600*b	68.6	95.3	243 500*b										20.0
22.0	58.2	93.1	206 700*b	63.9	94.3	231 700*b										22.0
24.0	52.9	91.5	194 200*	59.0	93.1	219 000*										24.0
26.0	47.2	89.7	182 400*	53.8	91.6	206 200*										26.0
28.0	40.8	87.4	171 800*	48.2	89.8	193 900*	63.4	93.3	192 200*b							28.0
30.0	33.4	84.4	163 300*	42.0	87.6	182 600*	58.5	92.1	178 500*							30.0
32.0	23.7	80.2	142 400*	34.7	84.8	172 800*	53.3	90.6	166 500*							32.0
34.0				25.6	80.8	154 400*	47.6	88.7	155 800*							34.0
36.0							41.3	86.5	146 300*	57.8	90.5	138 100*				36.0
38.0							34.0	83.6	137 700*	52.5	88.9	130 000*				38.0
40.0							24.5	79.5	129 800*	46.7	87.1	122 700*				40.0
42.0										40.3	84.7	116 100*				42.0
44.0										32.7	81.7	110 000*	51.3	86.7	103 500*	44.0
46.0										22.7	77.3	104 200*	45.4	84.7	98 300*	46.0
48.0													38.8	82.2	93 300*	48.0
50.0													30.8	79.0	88 700*	50.0

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

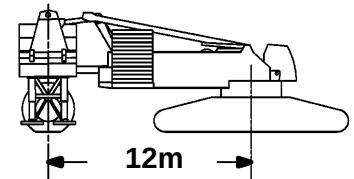
Capacities indicated by **(c)** require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

**18000 With
21000 MAX-ER**



67.1m (220 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.3	102.4	212 300*c													16.8
18.0	72.1	102.0	207 100*b													18.0
20.0	68.4	101.2	198 000*b													20.0
22.0	64.6	100.2	188 000*b	69.0	101.1	208 500*b										22.0
24.0	60.6	99.0	177 700*	65.2	100.2	199 200*b										24.0
26.0	56.5	97.7	167 500*	61.3	99.0	189 200*										26.0
28.0	52.2	96.1	157 900*	57.2	97.7	178 900*										28.0
30.0	47.5	94.3	148 700*	52.9	96.2	168 900*	64.9	99.2	177 700*							30.0
32.0	42.5	92.1	140 400*	48.4	94.4	159 200*	60.9	98.1	165 700*							32.0
34.0	36.8	89.5	133 200*	43.4	92.3	150 200*	56.8	96.7	155 200*							34.0
36.0	30.2	86.1	127 600*	37.8	89.7	142 200*	52.5	95.2	145 800*							36.0
38.0	21.6	81.5	120 000*	31.4	86.6	135 600*	47.9	93.3	137 300*							38.0
40.0				23.3	82.2	128 200*	42.9	91.2	129 600*	56.2	95.1	121 900*				40.0
42.0							37.3	88.6	122 700*	51.8	93.5	115 400*				42.0
44.0							30.7	85.3	116 300*	47.2	91.7	109 400*				44.0
46.0							22.3	80.8	110 300*	42.1	89.5	103 900*	55.3	92.9	97 300*	46.0
48.0										36.4	86.8	98 800*	50.8	91.3	92 600*	48.0
50.0										29.6	83.4	94 100*	46.1	89.3	88 100*	50.0
52.0										20.8	78.6	89 500*	40.9	87.1	83 900*	52.0
54.0													35.0	84.2	80 000*	54.0
56.0													27.9	80.6	76 300*	56.0

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

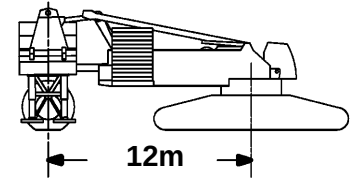
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

18000 With
 21000 MAX-ER



67.1m (220 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.5	108.3	183 000* b													18.3
20.0	71.9	107.7	177 300* b													20.0
22.0	68.8	106.9	170 000* b													22.0
24.0	65.6	106.0	162 100*	69.3	106.9	179 500* b										24.0
26.0	62.3	104.9	154 000*	66.1	106.0	172 300*										26.0
28.0	58.9	103.7	145 900*	62.9	104.9	164 500*										28.0
30.0	55.4	102.3	137 900*	59.5	103.7	156 400*										30.0
32.0	51.7	100.7	130 300*	56.0	102.4	148 300*	65.8	105.0	164 100*							32.0
34.0	47.8	98.9	123 300*	52.3	100.8	140 300*	62.5	103.9	153 700*							34.0
36.0	43.6	96.8	116 700*	48.5	99.0	132 700*	59.2	102.7	144 300*							36.0
38.0	39.0	94.3	110 900*	44.3	97.0	125 600*	55.6	101.3	135 900*							38.0
40.0	33.9	91.4	105 900*	39.8	94.6	119 100*	52.0	99.8	128 400*	62.0	102.4	120 300*				40.0
42.0	27.9	87.8	102 000*	34.8	91.7	113 400*	48.1	97.9	121 500*	58.6	101.2	113 800*				42.0
44.0	20.1	82.8	100 000*	29.0	88.2	108 800*	43.9	95.9	115 200*	55.1	99.7	107 900*				44.0
46.0				21.6	83.6	104 500*	39.3	93.4	109 400*	51.4	98.1	102 500*				46.0
48.0							34.3	90.6	104 100*	47.5	96.3	97 500*				48.0
50.0							28.3	87.0	99 100*	43.2	94.2	92 900*	54.3	97.5	86 400*	50.0
52.0							20.7	82.1	94 500*	38.6	91.7	88 500*	50.5	95.9	82 300*	52.0
54.0										33.4	88.7	84 400*	46.6	94.0	78 600*	54.0
56.0										27.3	85.0	80 600*	42.3	91.8	75 000*	56.0
58.0										19.3	79.8	76 900*	37.5	89.2	71 700*	58.0
60.0													32.2	86.1	68 600*	60.0
62.0													25.8	82.1	65 600*	62.0
64.0													17.1	76.4	62 700*	64.0

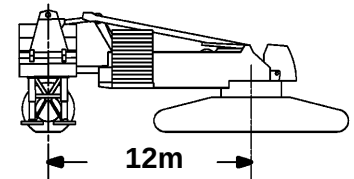
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

**18000 With
21000 MAX-ER**



67.1m (220 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.6	114.2	159 000* b													19.8
20.0	74.4	114.2	158 500* b													20.0
22.0	71.7	113.5	153 200* b													22.0
24.0	69.1	112.7	147 300*													24.0
26.0	66.3	111.8	141 100*	69.5	112.7	156 000*										26.0
28.0	63.5	110.8	134 600*	66.8	111.8	150 200*										28.0
30.0	60.6	109.7	128 100*	64.0	110.8	144 100*										30.0
32.0	57.6	108.4	121 600*	61.1	109.7	137 600*										32.0
34.0	54.5	106.9	115 400*	58.1	108.4	131 100*	66.5	110.8	152 600*							34.0
36.0	51.3	105.3	109 400*	55.1	107.0	124 600*	63.7	109.8	143 300*							36.0
38.0	47.9	103.5	103 800*	51.9	105.4	118 300*	60.8	108.7	134 900*							38.0
40.0	44.4	101.4	98 600*	48.5	103.6	112 300*	57.8	107.4	127 400*							40.0
42.0	40.5	99.1	93 900*	45.0	101.6	106 700*	54.8	106.0	120 500*							42.0
44.0	36.3	96.4	89 700*	41.2	99.3	101 500*	51.6	104.3	114 300*	60.4	107.1	106 700*				44.0
46.0	31.6	93.2	86 200*	37.0	96.7	96 600*	48.2	102.6	108 600*	57.4	105.8	101 400*				46.0
48.0	26.1	89.3	83 500*	32.4	93.6	92 500*	44.6	100.5	103 300*	54.3	104.3	96 400*				48.0
50.0	19.0	84.0	82 200*	27.1	89.8	89 200*	40.8	98.2	98 500*	51.1	102.7	91 900*				50.0
52.0				20.4	84.9	86 600*	36.6	95.6	93 900*	47.7	100.9	87 600*	56.7	103.6	81 200*	52.0
54.0							31.9	92.4	89 700*	44.1	98.8	83 600*	53.6	102.2	77 400*	54.0
56.0							26.5	88.5	85 700*	40.2	96.5	79 800*	50.3	100.5	74 000*	56.0
58.0							19.6	83.4	81 800*	36.0	93.7	76 300*	46.9	98.6	70 700*	58.0
60.0										31.2	90.5	73 100*	43.2	96.5	67 600*	60.0
62.0										25.6	86.5	69 900*	39.3	94.0	64 800*	62.0
64.0										18.3	81.0	67 000*	35.0	91.2	62 100*	64.0
66.0													30.0	87.8	59 500*	66.0
68.0													24.2	83.6	57 100*	68.0
70.0													16.2	77.6	54 700*	70.0

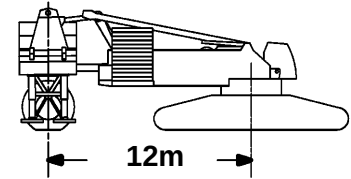
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



67.1m (220 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.7	120.1	138 400*b													21.3
22.0	74.0	119.9	137 100*b													22.0
24.0	71.6	119.2	132 800*													24.0
26.0	69.3	118.5	128 200*	72.0	119.2	140 000*										26.0
28.0	66.9	117.6	123 200*	69.7	118.4	135 900*										28.0
30.0	64.4	116.6	118 100*	67.3	117.6	131 400*										30.0
32.0	61.9	115.6	112 800*	64.8	116.6	126 500*										32.0
34.0	59.3	114.3	107 600*	62.3	115.5	121 400*										34.0
36.0	56.6	113.0	102 500*	59.7	114.3	116 200*										36.0
38.0	53.9	111.5	97 600*	57.1	113.0	111 000*	64.6	115.6	133 300*							38.0
40.0	51.1	109.9	92 900*	54.4	111.6	105 900*	62.1	114.6	125 800*							40.0
42.0	48.1	108.1	88 400*	51.5	110.0	100 900*	59.5	113.3	119 000*							42.0
44.0	44.9	106.1	84 300*	48.6	108.2	96 100*	56.8	112.0	112 800*							44.0
46.0	41.6	103.8	80 400*	45.5	106.2	91 500*	54.1	110.6	107 100*	61.7	113.0	99 700*				46.0
48.0	38.0	101.3	77 000*	42.2	104.0	87 300*	51.3	108.9	101 900*	59.1	111.8	94 800*				48.0
50.0	34.1	98.4	73 900*	38.7	101.6	83 400*	48.3	107.2	97 100*	56.4	110.4	90 300*				50.0
52.0	29.8	95.0	71 400*	34.8	98.7	79 700*	45.2	105.2	92 600*	53.7	109.0	86 000*				52.0
54.0	24.6	90.8	69 400*	30.5	95.4	76 800*	41.9	102.9	88 500*	50.8	107.3	82 100*				54.0
56.0	18.1	85.2	68 500*	25.6	91.4	74 300*	38.3	100.4	84 600*	47.8	105.5	78 400*	55.8	108.3	72 300*	56.0
58.0				19.3	86.1	72 600*	34.4	97.5	80 800*	44.7	103.5	74 900*	53.1	106.7	69 000*	58.0
60.0							30.1	94.2	77 400*	41.3	101.2	71 700*	50.2	105.1	66 000*	60.0
62.0							25.0	90.0	74 100*	37.7	98.6	68 700*	47.2	103.2	63 200*	62.0
64.0							18.6	84.6	71 000*	33.8	95.7	65 800*	44.0	101.1	60 600*	64.0
66.0										29.4	92.2	63 100*	40.6	98.8	58 100*	66.0
68.0										24.2	88.0	60 500*	36.9	96.2	55 700*	68.0
70.0										17.4	82.2	58 000*	32.9	93.1	53 500*	70.0
72.0													28.3	89.5	51 300*	72.0
74.0													22.9	85.0	49 300*	74.0
76.0													15.6	78.7	47 300*	76.0

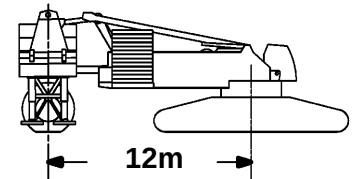
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



67.1m (220 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.8	126.1	121 300*													22.9
24.0	73.6	125.7	119 500*													24.0
26.0	71.6	125.0	116 000*													26.0
28.0	69.4	124.2	112 300*	71.9	124.9	122 400*										28.0
30.0	67.3	123.4	108 300*	69.8	124.2	119 100*										30.0
32.0	65.1	122.4	104 100*	67.7	123.3	115 500*										32.0
34.0	62.9	121.4	99 900*	65.5	122.4	111 700*										34.0
36.0	60.6	120.3	95 700*	63.3	121.4	107 600*										36.0
38.0	58.3	119.0	91 500*	61.0	120.3	103 400*										38.0
40.0	55.9	117.7	87 400*	58.7	119.0	99 200*	65.3	121.4	125 000*							40.0
42.0	53.4	116.2	83 400*	56.3	117.7	95 000*	63.0	120.4	117 800*							42.0
44.0	50.8	114.5	79 600*	53.8	116.2	90 800*	60.8	119.3	111 700*							44.0
46.0	48.2	112.7	76 100*	51.3	114.6	86 800*	58.4	118.0	106 000*							46.0
48.0	45.4	110.7	72 700*	48.6	112.8	82 900*	56.0	116.7	100 800*							48.0
50.0	42.5	108.6	69 600*	45.9	110.9	79 300*	53.6	115.2	96 100*	60.4	117.7	89 000*				50.0
52.0	39.3	106.1	66 700*	43.0	108.7	75 800*	51.0	113.6	91 600*	58.1	116.5	84 900*				52.0
54.0	36.0	103.4	64 100*	39.9	106.3	72 500*	48.4	111.8	87 500*	55.7	115.1	80 900*				54.0
56.0	32.3	100.3	61 900*	36.6	103.7	69 600*	45.6	109.8	83 600*	53.2	113.6	77 300*				56.0
58.0	28.2	96.7	59 900*	33.0	100.6	66 900*	42.7	107.6	79 900*	50.6	111.9	73 800*	57.6	114.3	67 800*	58.0
60.0	23.4	92.2	58 600*	29.0	97.1	64 600*	39.6	105.2	76 500*	48.0	110.1	70 700*	55.1	112.9	64 900*	60.0
62.0	17.4	86.4	58 000*	24.3	92.8	62 800*	36.2	102.5	73 300*	45.2	108.1	67 700*	52.6	111.3	62 100*	62.0
64.0	6.4	75.5	46 100*	18.5	87.3	61 700*	32.6	99.4	70 300*	42.2	105.9	64 900*	50.1	109.7	59 400*	64.0
66.0							28.5	95.8	67 500*	39.1	103.5	62 200*	47.4	107.8	57 000*	66.0
68.0							23.8	91.5	64 700*	35.7	100.7	59 700*	44.5	105.8	54 600*	68.0
70.0							17.8	85.8	62 100*	32.0	97.6	57 300*	41.6	103.5	52 400*	70.0
72.0										27.9	93.9	55 100*	38.4	101.0	50 400*	72.0
74.0										23.0	89.4	52 900*	34.9	98.2	48 400*	74.0
76.0										16.8	83.4	50 800*	31.2	94.9	46 500*	76.0
78.0													26.9	91.1	44 600*	78.0
80.0													21.8	86.4	42 800*	80.0

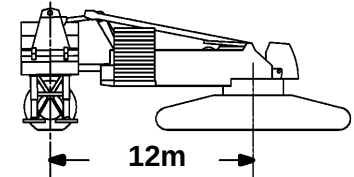


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



67.1m (220 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

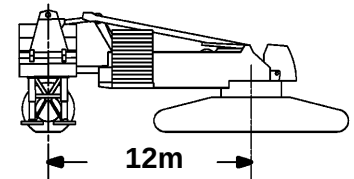
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	74.9	131.9	106 400*													24.4
26.0	73.4	131.4	104 200*													26.0
28.0	71.5	130.8	101 400*													28.0
30.0	69.6	130.0	98 400*	71.8	130.7	107 100*										30.0
32.0	67.6	129.2	95 200*	69.9	129.9	104 500*										32.0
34.0	65.7	128.2	91 800*	68.0	129.1	101 600*										34.0
36.0	63.7	127.2	88 400*	66.0	128.2	98 600*										36.0
38.0	61.6	126.2	84 900*	64.0	127.2	95 300*										38.0
40.0	59.5	125.0	81 500*	62.0	126.1	91 900*										40.0
42.0	57.4	123.7	78 200*	59.9	125.0	88 500*	65.8	127.2	110 600*							42.0
44.0	55.2	122.3	74 900*	57.8	123.7	85 100*	63.8	126.2	108 600*							44.0
46.0	53.0	120.8	71 700*	55.6	122.3	81 700*	61.8	125.2	104 600*							46.0
48.0	50.7	119.1	68 700*	53.4	120.8	78 300*	59.7	124.0	99 300*							48.0
50.0	48.3	117.3	65 800*	51.1	119.2	75 100*	57.6	122.7	94 500*							50.0
52.0	45.8	115.4	63 000*	48.7	117.4	71 900*	55.4	121.3	90 100*	61.5	123.6	83 200*				52.0
54.0	43.1	113.2	60 400*	46.2	115.5	68 900*	53.1	119.8	86 000*	59.4	122.4	79 300*				54.0
56.0	40.4	110.9	58 100*	43.6	113.4	66 100*	50.8	118.2	82 200*	57.2	121.1	75 700*				56.0
58.0	37.4	108.3	55 900*	40.9	111.1	63 400*	48.4	116.4	78 600*	55.0	119.7	72 200*				58.0
60.0	34.3	105.4	53 900*	37.9	108.5	60 900*	45.9	114.4	75 200*	52.8	118.2	69 100*				60.0
62.0	30.8	102.1	52 200*	34.8	105.7	58 700*	43.3	112.3	72 000*	50.5	116.5	66 100*	56.8	118.9	60 300*	62.0
64.0	27.0	98.3	50 800*	31.4	102.5	56 700*	40.6	110.0	69 000*	48.1	114.7	63 300*	54.6	117.5	57 700*	64.0
66.0	22.5	93.6	49 800*	27.7	98.7	54 900*	37.7	107.4	66 200*	45.5	112.7	60 700*	52.3	116.0	55 300*	66.0
68.0	16.8	87.6	49 200*	23.3	94.3	53 500*	34.5	104.5	63 600*	42.9	110.6	58 300*	49.9	114.3	53 000*	68.0
70.0	7.0	76.8	39 000*	17.9	88.6	52 700*	31.1	101.2	61 000*	40.1	108.2	55 900*	47.5	112.4	50 900*	70.0
72.0							27.3	97.5	58 700*	37.2	105.6	53 700*	45.0	110.4	48 800*	72.0
74.0							22.8	92.9	56 400*	34.0	102.7	51 600*	42.3	108.2	46 700*	74.0
76.0							17.2	87.0	54 100*	30.5	99.3	49 600*	39.5	105.8	44 700*	76.0
78.0										26.6	95.5	47 700*	36.5	103.1	42 700*	78.0
80.0										22.1	90.8	45 800*	33.3	100.1	40 900*	80.0
84.0													25.7	92.7	37 400*	84.0
88.0													14.6	80.9	34 100*	88.0

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



67.1m (220 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

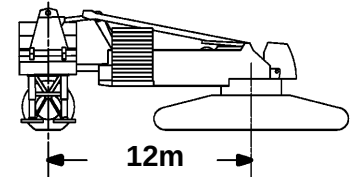
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.9	137.9	93 600*													25.9
26.0	74.9	137.8	93 500*													26.0
28.0	73.2	137.2	91 400*													28.0
30.0	71.4	136.5	89 100*													30.0
32.0	69.7	135.8	86 600*	71.7	136.4	94 200*										32.0
34.0	67.9	134.9	84 000*	70.0	135.7	92 100*										34.0
36.0	66.1	134.1	81 300*	68.2	134.9	89 800*										36.0
38.0	64.3	133.1	78 600*	66.4	134.0	87 300*										38.0
40.0	62.5	132.0	75 700*	64.6	133.0	84 700*										40.0
42.0	60.6	130.9	72 900*	62.8	132.0	82 000*										42.0
44.0	58.7	129.6	70 200*	60.9	130.9	79 200*	66.3	133.0	96 700*							44.0
46.0	56.7	128.3	67 400*	59.0	129.7	76 400*	64.4	132.1	96 300*							46.0
48.0	54.7	126.9	64 700*	57.0	128.4	73 600*	62.6	131.0	94 300*							48.0
50.0	52.6	125.4	62 100*	55.0	126.9	70 800*	60.7	129.9	92 100*							50.0
52.0	50.5	123.7	59 700*	53.0	125.4	68 100*	58.8	128.7	89 000*							52.0
54.0	48.3	121.9	57 300*	50.9	123.8	65 400*	56.8	127.3	84 900*	62.3	129.5	78 100*				54.0
56.0	46.0	120.0	55 000*	48.7	122.0	62 900*	54.8	125.9	81 100*	60.4	128.3	74 400*				56.0
58.0	43.7	117.9	52 900*	46.4	120.1	60 400*	52.8	124.4	77 500*	58.5	127.1	71 100*				58.0
60.0	41.2	115.6	50 900*	44.1	118.1	58 000*	50.7	122.7	74 100*	56.5	125.8	67 900*				60.0
62.0	38.6	113.1	49 100*	41.6	115.8	55 800*	48.5	121.0	70 900*	54.5	124.3	65 000*				62.0
64.0	35.8	110.4	47 400*	39.0	113.3	53 800*	46.2	119.1	68 000*	52.5	122.8	62 200*				64.0
66.0	32.8	107.3	45 900*	36.3	110.6	51 800*	43.8	117.0	65 200*	50.3	121.1	59 600*	56.1	123.6	54 100*	66.0
68.0	29.5	103.8	44 600*	33.3	107.6	50 100*	41.4	114.7	62 600*	48.1	119.3	57 100*	54.1	122.1	51 700*	68.0
70.0	25.9	99.8	43 500*	30.1	104.2	48 500*	38.8	112.2	60 100*	45.9	117.4	54 800*	52.0	120.6	49 400*	70.0
72.0	21.6	95.0	42 800*	26.5	100.3	47 100*	36.0	109.5	57 700*	43.5	115.3	52 600*	49.9	118.9	47 200*	72.0
74.0	16.2	88.7	41 800*	22.4	95.7	46 200*	33.0	106.4	55 500*	41.0	113.0	50 600*	47.7	117.0	45 100*	74.0
76.0	7.4	78.1	32 900*	17.3	89.7	44 700*	29.8	103.0	53 400*	38.4	110.4	48 600*	45.4	115.1	43 100*	76.0
78.0							26.2	99.0	51 300*	35.6	107.7	46 700*	43.0	112.9	41 200*	78.0
80.0							21.9	94.3	49 400*	32.6	104.6	44 900*	40.4	110.6	39 400*	80.0
84.0										25.6	97.0	41 500*	34.9	105.2	36 000*	84.0
88.0										15.7	85.7	38 000*	28.5	98.4	32 900*	88.0
92.0													20.2	89.0	30 000*	92.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



67.1m (220 Ft.) Boom, 76.2m (250 Ft.) Luffing Jib

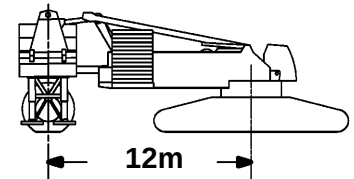
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	75.0	143.8	82 100*													27.4
28.0	74.5	143.6	81 700*													28.0
30.0	73.0	143.0	80 000*													30.0
32.0	71.4	142.3	78 100*													32.0
34.0	69.8	141.5	76 200*	71.7	142.2	82 500*										34.0
36.0	68.2	140.7	74 100*	70.1	141.5	80 900*										36.0
38.0	66.5	139.8	71 900*	68.4	140.7	79 100*										38.0
40.0	64.8	138.9	69 700*	66.8	139.8	77 100*										40.0
42.0	63.2	137.9	67 400*	65.1	138.9	75 100*										42.0
44.0	61.4	136.8	65 200*	63.4	137.8	72 900*										44.0
46.0	59.7	135.6	62 900*	61.7	136.7	70 700*	66.6	138.8	83 600*							46.0
48.0	57.9	134.3	60 600*	60.0	135.6	68 500*	65.0	137.9	83 600*							48.0
50.0	56.1	133.0	58 400*	58.2	134.3	66 200*	63.3	136.9	83 400*							50.0
52.0	54.2	131.5	56 200*	56.4	133.0	63 900*	61.6	135.8	81 900*							52.0
54.0	52.3	130.0	54 100*	54.6	131.6	61 700*	59.8	134.6	80 100*							54.0
56.0	50.4	128.3	52 000*	52.7	130.0	59 400*	58.0	133.3	78 200*							56.0
58.0	48.4	126.5	50 100*	50.7	128.4	57 300*	56.2	132.0	76 100*	61.3	134.2	69 400*				58.0
60.0	46.3	124.6	48 200*	48.7	126.6	55 100*	54.4	130.5	72 700*	59.6	133.0	66 300*				60.0
62.0	44.1	122.5	46 500*	46.6	124.7	53 100*	52.5	129.0	69 500*	57.8	131.8	63 400*				62.0
64.0	41.9	120.3	44 800*	44.5	122.7	51 200*	50.5	127.3	66 600*	56.0	130.4	60 600*				64.0
66.0	39.5	117.9	43 200*	42.3	120.5	49 300*	48.5	125.6	63 800*	54.1	128.9	58 000*				66.0
68.0	37.0	115.3	41 800*	39.9	118.1	47 600*	46.4	123.7	61 200*	52.2	127.4	55 600*				68.0
70.0	34.4	112.4	40 500*	37.5	115.5	45 900*	44.3	121.6	58 700*	50.2	125.7	53 300*	55.6	128.2	47 200*	70.0
72.0	31.5	109.1	39 300*	34.8	112.7	44 400*	42.0	119.4	56 400*	48.2	123.9	51 100*	53.7	126.7	45 000*	72.0
74.0	28.4	105.5	38 300*	32.0	109.5	43 000*	39.7	117.0	54 200*	46.1	122.0	49 100*	51.8	125.2	42 900*	74.0
76.0	24.9	101.3	37 500*	29.0	105.9	41 800*	37.2	114.4	52 100*	44.0	119.9	47 100*	49.8	123.5	41 000*	76.0
78.0	20.9	96.3	37 000*	25.6	101.9	40 700*	34.6	111.5	50 100*	41.7	117.7	45 300*	47.8	121.6	39 100*	78.0
80.0	15.8	89.9	35 600*	21.6	97.1	40 000*	31.7	108.3	48 200*	39.3	115.2	43 400*	45.7	119.7	37 300*	80.0
84.0							25.2	100.6	44 600*	34.2	109.7	39 800*	41.2	115.3	34 000*	84.0
88.0							16.2	89.3	39 500*	28.2	102.7	36 400*	36.3	110.1	30 900*	88.0
92.0										20.5	93.4	33 300*	30.6	103.8	28 100*	92.0
96.0										6.5	75.3	30 100*	23.8	95.6	25 500*	96.0
100.0													13.9	83.1	22 900*	100.0

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



67.1m (220 Ft.) Boom, 82.3m (270 Ft.) Luffing Jib

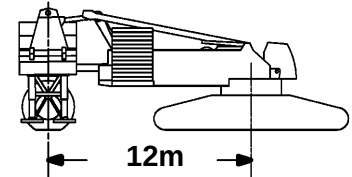
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
30.5	73.9	149.2	71 400*													30.5
32.0	72.8	148.7	70 300*													32.0
34.0	71.3	148.0	68 800*													34.0
36.0	69.9	147.3	67 200*	71.6	147.9	72 700*										36.0
38.0	68.4	146.5	65 500*	70.1	147.2	71 300*										38.0
40.0	66.8	145.6	63 700*	68.6	146.4	69 800*										40.0
42.0	65.3	144.7	61 900*	67.1	145.6	68 300*										42.0
44.0	63.8	143.7	60 100*	65.6	144.6	66 700*										44.0
46.0	62.2	142.6	58 200*	64.0	143.7	64 900*										46.0
48.0	60.6	141.5	56 300*	62.4	142.6	63 100*	66.9	144.6	72 600*							48.0
50.0	58.9	140.3	54 400*	60.8	141.5	61 300*	65.4	143.7	72 600*							50.0
52.0	57.3	139.0	52 600*	59.2	140.3	59 500*	63.9	142.7	72 600*							52.0
54.0	55.6	137.6	50 700*	57.6	139.0	57 600*	62.3	141.6	72 400*							54.0
56.0	53.9	136.1	49 000*	55.9	137.6	55 700*	60.7	140.5	71 500*							56.0
58.0	52.1	134.6	47 200*	54.2	136.2	53 800*	59.1	139.3	70 000*							58.0
60.0	50.3	132.9	45 600*	52.4	134.6	52 100*	57.4	138.0	68 100*	62.0	140.1	65 100*				60.0
62.0	48.4	131.1	43 900*	50.6	133.0	50 200*	55.7	136.6	65 400*	60.4	138.9	62 100*				62.0
64.0	46.5	129.2	42 400*	48.7	131.2	48 500*	54.0	135.2	62 800*	58.8	137.7	59 400*				64.0
66.0	44.5	127.2	40 900*	46.8	129.4	46 800*	52.2	133.6	60 300*	57.2	136.4	56 800*				66.0
68.0	42.4	125.0	39 500*	44.9	127.3	45 200*	50.4	131.9	57 700*	55.5	135.0	54 400*				68.0
70.0	40.3	122.7	38 200*	42.8	125.2	43 600*	48.6	130.2	55 200*	53.7	133.6	52 100*				70.0
72.0	38.0	120.1	37 000*	40.7	122.8	42 200*	46.6	128.3	52 800*	52.0	132.0	50 000*	56.8	134.3	43 300*	72.0
74.0	35.7	117.3	35 800*	38.4	120.3	40 800*	44.7	126.2	50 400*	50.1	130.3	47 900*	55.1	132.9	41 200*	74.0
76.0	33.1	114.3	34 800*	36.1	117.6	39 500*	42.6	124.1	48 200*	48.3	128.5	45 800*	53.3	131.4	39 300*	76.0
78.0	30.4	110.9	33 900*	33.6	114.6	38 300*	40.5	121.7	45 900*	46.3	126.6	43 800*	51.6	129.8	37 400*	78.0
80.0	27.4	107.2	33 100*	30.9	111.3	37 000*	38.2	119.2	43 700*	44.4	124.6	41 900*	49.7	128.1	35 700*	80.0
84.0	20.3	97.7	31 300*	24.7	103.4	33 500*	33.3	113.4	39 600*	40.1	120.0	38 300*	45.9	124.3	32 400*	84.0
88.0	7.9	80.4	21 900*	16.4	92.1	30 300*	27.7	106.4	35 800*	35.5	114.7	35 000*	41.8	120.0	29 400*	88.0
92.0							20.5	97.0	32 300*	30.2	108.2	31 900*	37.4	115.0	26 600*	92.0
96.0							8.7	80.4	27 600*	23.8	100.0	29 100*	32.3	109.0	24 000*	96.0
100.0										15.0	88.0	26 400*	26.5	101.6	21 700*	100.0
104.0													19.0	91.6	19 400*	104.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



67.1m (220 Ft.) Boom, 88.4m (290 Ft.) Luffing Jib

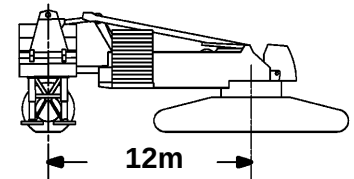
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
32.0	74.0	155.1	62 800*													32.0
34.0	72.7	154.5	61 600*													34.0
36.0	71.3	153.8	60 400*													36.0
38.0	69.9	153.1	59 100*	71.5	153.7	63 800*										38.0
40.0	68.5	152.3	57 700*	70.2	153.0	62 700*										40.0
42.0	67.1	151.4	56 300*	68.8	152.2	61 500*										42.0
44.0	65.7	150.5	54 800*	67.4	151.4	60 300*										44.0
46.0	64.3	149.5	53 300*	65.9	150.4	58 900*										46.0
48.0	62.8	148.5	51 800*	64.5	149.5	57 500*										48.0
50.0	61.3	147.4	50 200*	63.0	148.4	56 100*										50.0
52.0	59.8	146.2	48 700*	61.6	147.4	54 600*	65.8	149.5	63 000*							52.0
54.0	58.3	145.0	47 100*	60.1	146.2	53 100*	64.4	148.5	63 000*							54.0
56.0	56.7	143.6	45 600*	58.5	145.0	51 600*	62.9	147.5	63 000*							56.0
58.0	55.1	142.2	44 100*	57.0	143.7	50 000*	61.4	146.4	62 600*							58.0
60.0	53.5	140.7	42 600*	55.4	142.3	48 500*	59.9	145.2	60 200*							60.0
62.0	51.9	139.2	41 200*	53.8	140.8	47 000*	58.4	144.0	57 800*							62.0
64.0	50.2	137.5	39 800*	52.2	139.2	45 500*	56.8	142.6	55 300*	61.2	144.8	57 800*				64.0
66.0	48.5	135.7	38 400*	50.5	137.6	44 000*	55.3	141.3	52 900*	59.7	143.6	55 200*				66.0
68.0	46.7	133.8	37 100*	48.8	135.8	42 600*	53.6	139.8	50 600*	58.2	142.4	52 800*				68.0
70.0	44.8	131.8	35 900*	47.0	134.0	40 900*	52.0	138.2	48 200*	56.6	141.1	50 400*				70.0
72.0	42.9	129.7	34 700*	45.2	132.0	38 700*	50.3	136.5	45 900*	55.0	139.7	48 100*				72.0
74.0	41.0	127.4	33 600*	43.3	129.8	36 700*	48.6	134.8	43 600*	53.4	138.2	45 900*				74.0
76.0	38.9	124.9	32 100*	41.3	127.6	34 700*	46.8	132.9	41 400*	51.8	136.6	43 700*	56.3	138.9	37 100*	76.0
78.0	36.7	122.2	30 200*	39.3	125.1	32 800*	45.0	130.9	39 200*	50.1	134.9	41 800*	54.7	137.5	35 200*	78.0
80.0	34.5	119.3	28 500*	37.1	122.5	30 800*	43.1	128.7	37 100*	48.3	133.1	39 800*	53.0	136.0	33 500*	80.0
84.0	29.4	112.7	25 000*	32.5	116.5	27 300*	39.0	124.0	33 100*	44.7	129.2	36 300*	49.7	132.7	30 200*	84.0
88.0	23.4	104.3	21 900*	27.1	109.2	23 900*	34.6	118.5	29 400*	40.8	124.7	33 000*	46.1	128.9	27 300*	88.0
92.0	15.1	92.2	19 100*	20.4	99.7	20 900*	29.6	111.8	25 900*	36.6	119.6	30 100*	42.4	124.7	24 600*	92.0
96.0				9.7	83.8	18 200*	23.6	103.5	22 600*	31.8	113.5	27 300*	38.3	119.8	22 000*	96.0
100.0							15.5	91.6	19 700*	26.3	106.0	24 300*	33.7	114.1	19 700*	100.0
104.0										19.4	96.0	21 200*	28.6	107.2	17 500*	104.0
108.0										7.2	77.8	18 500*	22.3	98.5	15 500*	108.0
112.0													13.4	85.3	13 400*	112.0

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



67.1m (220 Ft.) Boom, 94.5m (310 Ft.) Luffing Jib

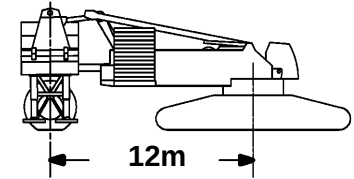
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
33.5	74.1	161.0	55 300*													33.5
34.0	73.8	160.9	55 000*													34.0
36.0	72.6	160.2	54 100*													36.0
38.0	71.3	159.6	53 000*													38.0
40.0	70.0	158.8	52 000*	71.5	159.5	56 000*										40.0
42.0	68.7	158.0	50 800*	70.2	158.7	55 100*										42.0
44.0	67.4	157.2	49 700*	68.9	158.0	54 200*										44.0
46.0	66.0	156.3	48 400*	67.6	157.1	53 100*										46.0
48.0	64.7	155.3	47 200*	66.3	156.2	52 100*										48.0
50.0	63.3	154.3	45 900*	64.9	155.3	51 000*										50.0
52.0	62.0	153.2	44 700*	63.6	154.3	49 800*	67.5	156.2	54 600*							52.0
54.0	60.6	152.1	43 400*	62.2	153.2	48 600*	66.1	155.3	54 600*							54.0
56.0	59.1	150.9	42 100*	60.8	152.1	47 400*	64.8	154.3	54 600*							56.0
58.0	57.7	149.6	40 900*	59.4	150.9	46 100*	63.4	153.3	54 500*							58.0
60.0	56.3	148.3	39 600*	58.0	149.6	44 900*	62.1	152.2	53 400*							60.0
62.0	54.8	146.9	38 400*	56.5	148.3	43 600*	60.7	151.1	51 100*							62.0
64.0	53.2	145.4	37 100*	55.0	146.9	41 600*	59.2	149.9	48 800*							64.0
66.0	51.7	143.8	36 000*	53.5	145.4	39 500*	57.8	148.6	46 600*	61.8	150.7	51 100*				66.0
68.0	50.1	142.1	34 500*	52.0	143.9	37 400*	56.4	147.3	44 400*	60.5	149.6	50 300*				68.0
70.0	48.5	140.3	32 500*	50.4	142.2	35 300*	54.9	145.9	42 200*	59.0	148.4	48 300*				70.0
72.0	46.8	138.4	30 600*	48.8	140.4	33 200*	53.4	144.4	39 900*	57.6	147.1	46 100*				72.0
74.0	45.1	136.4	28 700*	47.1	138.6	31 200*	51.8	142.8	37 800*	56.1	145.7	44 000*				74.0
76.0	43.4	134.3	26 800*	45.4	136.6	29 300*	50.2	141.1	35 600*	54.6	144.3	41 900*				76.0
78.0	41.5	132.1	25 000*	43.7	134.5	27 400*	48.6	139.4	33 600*	53.1	142.8	39 800*	57.3	144.9	33 500*	78.0
80.0	39.6	129.7	23 300*	41.8	132.3	25 500*	46.9	137.5	31 500*	51.6	141.2	37 600*	55.8	143.6	31 800*	80.0
84.0	35.6	124.3	19 900*	38.0	127.3	22 100*	43.5	133.4	27 600*	48.4	137.7	33 500*	52.8	140.6	28 600*	84.0
88.0	31.0	118.0	16 800*	33.8	121.6	18 800*	39.8	128.8	24 000*	45.0	133.8	29 500*	49.6	137.3	25 600*	88.0
92.0	25.8	110.3	13 900*	29.0	114.8	15 700*	35.7	123.4	20 500*	41.4	129.4	25 700*	46.3	133.5	22 900*	92.0
96.0	19.2	100.2	11 300*	23.3	106.3	12 900*	31.2	117.2	17 400*	37.5	124.4	22 200*	42.8	129.4	20 500*	96.0
100.0	8.3	82.7	8 900*	15.7	94.4	10 400*	26.0	109.6	14 400*	33.2	118.6	18 900*	39.0	124.6	18 200*	100.0
104.0							19.5	99.6	11 700*	28.3	111.6	15 900*	34.9	119.1	16 000*	104.0
108.0							8.9	82.6	9 400*	22.5	102.8	13 000*	30.3	112.6	14 000*	108.0
112.0										14.4	90.2	10 500*	24.9	104.7	12 100*	112.0
116.0													18.0	94.0	10 300*	116.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

18000 With
 21000 MAX-ER



73.2m (240 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.7	102.7	216 900*d													15.2
16.0	73.1	102.4	213 800*d													16.0
18.0	68.6	101.6	204 900*b													18.0
20.0	63.9	100.6	194 800*b	69.8	101.6	214 900*c										20.0
22.0	59.0	99.4	184 300*b	65.2	100.7	205 700*b										22.0
24.0	53.8	97.9	173 800*	60.4	99.5	195 500*b										24.0
26.0	48.1	96.1	163 900*	55.2	98.1	184 900*										26.0
28.0	41.9	93.9	155 100*	49.7	96.4	174 700*	66.0	99.9	189 700*b							28.0
30.0	34.7	91.0	147 700*	43.7	94.3	165 100*	61.2	98.8	176 100*b							30.0
32.0	25.5	87.1	142 800*	36.8	91.7	156 600*	56.1	97.4	164 300*							32.0
34.0				28.3	88.1	149 300*	50.7	95.7	153 800*							34.0
36.0				15.3	82.2	123 400*	44.7	93.7	144 400*							36.0
38.0							38.0	91.2	135 900*	56.7	96.1	127 300*				38.0
40.0							29.9	87.9	128 200*	51.3	94.5	120 100*				40.0
42.0							18.2	82.6	120 900*	45.4	92.5	113 600*				42.0
44.0										38.8	90.0	107 600*				44.0
46.0										30.9	86.8	102 100*	51.5	92.5	95 200*	46.0
48.0										19.9	81.9	96 900*	45.6	90.5	90 500*	48.0
50.0													39.1	88.1	86 000*	50.0
52.0													31.2	84.9	81 900*	52.0
54.0													20.4	80.1	77 800*	54.0

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.

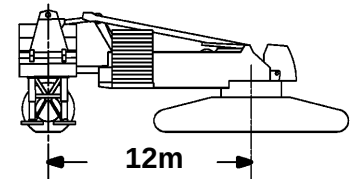
Capacities indicated by **(d)** require
 25 400 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



73.2m (240 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.9	108.6	187 400*c													16.8
18.0	72.7	108.2	183 300*b													18.0
20.0	69.0	107.4	175 800*b													20.0
22.0	65.2	106.4	167 600*b	70.0	107.4	185 200*b										22.0
24.0	61.3	105.3	159 200*	66.3	106.5	177 700*b										24.0
26.0	57.2	104.0	150 700*	62.4	105.4	169 500*										26.0
28.0	52.9	102.5	142 400*	58.3	104.2	161 100*										28.0
30.0	48.3	100.7	134 500*	54.1	102.7	152 600*										30.0
32.0	43.3	98.6	127 400*	49.6	101.0	144 400*	63.0	104.7	163 400*							32.0
34.0	37.8	96.0	121 200*	44.7	99.0	136 600*	59.0	103.4	153 000*							34.0
36.0	31.4	92.8	116 200*	39.4	96.5	129 700*	54.8	102.0	143 700*							36.0
38.0	23.2	88.5	113 100*	33.2	93.6	123 700*	50.4	100.3	135 400*							38.0
40.0				25.7	89.6	119 400*	45.6	98.4	127 900*	59.5	102.1	119 200*				40.0
42.0				14.4	83.3	105 400*	40.3	96.0	121 000*	55.3	100.7	112 800*				42.0
44.0							34.3	93.2	114 700*	50.9	99.1	107 000*				44.0
46.0							27.1	89.4	108 800*	46.1	97.1	101 600*				46.0
48.0							16.8	83.8	103 300*	40.9	94.8	96 600*	55.4	98.7	89 600*	48.0
50.0										35.0	92.0	92 000*	51.0	97.1	85 200*	50.0
52.0										28.0	88.4	87 600*	46.3	95.2	81 200*	52.0
54.0										18.3	83.1	83 400*	41.1	92.9	77 400*	54.0
56.0													35.3	90.1	73 900*	56.0
58.0													28.3	86.5	70 600*	58.0
60.0													18.7	81.3	67 300*	60.0

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

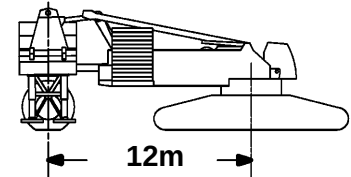
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

18000 With
 21000 MAX-ER



73.2m (240 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.0	114.5	162 500* b													18.3
20.0	72.4	113.9	157 800* b													20.0
22.0	69.3	113.2	151 700* b													22.0
24.0	66.1	112.3	145 100*	70.1	113.2	160 100* b										24.0
26.0	62.8	111.2	138 200*	67.0	112.3	154 300*										26.0
28.0	59.5	110.0	131 300*	63.7	111.3	147 700*										28.0
30.0	56.0	108.6	124 500*	60.4	110.1	140 900*										30.0
32.0	52.3	107.1	117 900*	56.9	108.8	134 000*	67.5	111.5	161 700*							32.0
34.0	48.4	105.3	111 800*	53.3	107.3	127 200*	64.3	110.5	151 400*							34.0
36.0	44.3	103.2	106 100*	49.5	105.6	120 600*	61.0	109.4	142 200*							36.0
38.0	39.8	100.8	101 000*	45.4	103.6	114 500*	57.5	108.1	133 900*							38.0
40.0	34.7	98.0	96 700*	41.1	101.3	108 700*	53.9	106.6	126 500*							40.0
42.0	28.9	94.5	93 200*	36.2	98.6	103 800*	50.2	104.9	119 700*	61.3	108.0	111 100*				42.0
44.0	21.5	89.8	91 200*	30.6	95.3	99 600*	46.1	103.0	113 500*	57.9	106.8	105 300*				44.0
46.0				23.8	91.1	96 500*	41.8	100.8	107 800*	54.3	105.3	100 000*				46.0
48.0				13.7	84.4	88 300*	37.0	98.2	102 500*	50.6	103.7	95 100*				48.0
50.0							31.6	95.0	97 700*	46.6	101.7	90 600*				50.0
52.0							25.1	90.9	93 100*	42.3	99.6	86 400*	54.5	103.3	79 500*	52.0
54.0							15.9	84.9	88 700*	37.6	97.0	82 400*	50.7	101.7	75 800*	54.0
56.0										32.2	93.9	78 700*	46.7	99.8	72 400*	56.0
58.0										25.9	89.9	75 200*	42.5	97.6	69 200*	58.0
60.0										17.2	84.2	71 800*	37.8	95.1	66 200*	60.0
62.0													32.4	92.0	63 300*	62.0
64.0													26.1	88.1	60 700*	64.0
66.0													17.5	82.5	58 000*	66.0

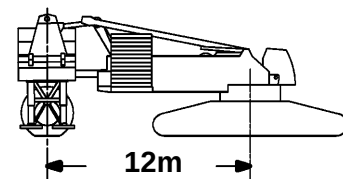
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



73.2m (240 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	73.1	119.9	138 600* b													21.3
22.0	72.2	119.7	137 000* b													22.0
24.0	69.5	118.9	132 000*													24.0
26.0	66.8	118.1	126 700*	70.2	118.9	139 900*										26.0
28.0	64.0	117.1	121 100*	67.5	118.1	135 000*										28.0
30.0	61.1	115.9	115 400*	64.7	117.1	129 700*										30.0
32.0	58.1	114.7	109 900*	61.9	116.0	124 200*										32.0
34.0	55.0	113.3	104 400*	58.9	114.8	118 600*										34.0
36.0	51.9	111.7	99 300*	55.9	113.4	113 000*	65.2	116.3	141 200*							36.0
38.0	48.5	109.9	94 300*	52.7	111.9	107 600*	62.4	115.3	132 900*							38.0
40.0	44.9	107.9	89 800*	49.4	110.2	102 300*	59.4	114.1	125 400*							40.0
42.0	41.1	105.6	85 700*	45.9	108.2	97 400*	56.4	112.7	118 700*							42.0
44.0	37.0	103.0	82 000*	42.2	106.0	92 800*	53.3	111.2	112 500*							44.0
46.0	32.4	99.9	78 800*	38.2	103.5	88 600*	50.0	109.5	106 900*	59.8	112.7	98 900*				46.0
48.0	27.0	96.1	76 400*	33.7	100.6	84 900*	46.5	107.6	101 700*	56.8	111.4	94 000*				48.0
50.0	20.3	91.1	75 100*	28.6	97.0	81 800*	42.9	105.5	96 900*	53.6	109.9	89 600*				50.0
52.0				22.3	92.4	79 700*	38.9	103.0	92 500*	50.4	108.2	85 400*				52.0
54.0				13.2	85.4	74 900*	34.5	100.1	88 300*	46.9	106.4	81 500*	56.9	109.4	74 700*	54.0
56.0							29.5	96.7	84 400*	43.3	104.2	77 800*	53.7	107.9	71 300*	56.0
58.0							23.5	92.3	80 700*	39.3	101.8	74 400*	50.5	106.3	68 100*	58.0
60.0							15.1	86.0	77 100*	35.0	99.0	71 200*	47.1	104.4	65 200*	60.0
62.0										30.1	95.6	68 200*	43.4	102.3	62 400*	62.0
64.0										24.2	91.4	65 300*	39.5	99.9	59 800*	64.0
66.0										16.3	85.4	62 500*	35.2	97.1	57 300*	66.0
68.0													30.3	93.7	55 000*	68.0
70.0													24.5	89.5	52 700*	70.0
72.0													16.6	83.6	50 500*	72.0

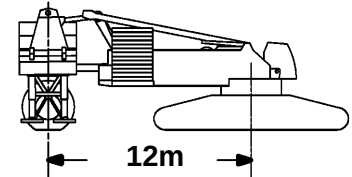
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



73.2m (240 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	73.3	125.8	121 400*b													22.9
24.0	72.0	125.5	119 200*													24.0
26.0	69.6	124.7	115 200*	72.7	125.4	125 700*										26.0
28.0	67.2	123.8	110 900*	70.3	124.7	122 200*										28.0
30.0	64.8	122.9	106 400*	67.9	123.9	118 300*										30.0
32.0	62.3	121.8	101 800*	65.5	122.9	114 200*										32.0
34.0	59.7	120.6	97 300*	63.0	121.9	109 800*										34.0
36.0	57.1	119.3	92 800*	60.4	120.7	105 200*										36.0
38.0	54.3	117.9	88 500*	57.8	119.5	100 700*	65.9	122.2	128 400*							38.0
40.0	51.5	116.3	84 300*	55.1	118.1	96 200*	63.4	121.1	124 000*							40.0
42.0	48.6	114.5	80 400*	52.3	116.5	91 800*	60.9	120.0	117 100*							42.0
44.0	45.5	112.5	76 700*	49.4	114.8	87 500*	58.2	118.7	111 000*							44.0
46.0	42.2	110.3	73 300*	46.3	112.9	83 500*	55.6	117.4	105 400*							46.0
48.0	38.6	107.8	70 300*	43.1	110.7	79 800*	52.8	115.8	100 200*	61.1	118.6	92 300*				48.0
50.0	34.8	105.0	67 500*	39.6	108.3	76 300*	49.9	114.1	95 500*	58.5	117.4	87 900*				50.0
52.0	30.5	101.7	65 300*	35.9	105.6	73 200*	46.8	112.2	91 100*	55.9	116.0	83 800*				52.0
54.0	25.5	97.6	63 600*	31.7	102.4	70 400*	43.6	110.2	87 000*	53.1	114.5	79 900*				54.0
56.0	19.3	92.3	62 700*	27.0	98.6	68 200*	40.2	107.8	83 200*	50.2	112.8	76 300*				56.0
58.0				21.2	93.8	66 600*	36.5	105.1	79 500*	47.2	111.0	72 900*	56.0	114.1	66 400*	58.0
60.0				12.8	86.5	63 300*	32.4	102.0	76 100*	44.0	108.9	69 800*	53.2	112.6	63 500*	60.0
62.0							27.8	98.3	72 900*	40.6	106.6	66 800*	50.3	110.9	60 700*	62.0
64.0							22.2	93.7	69 900*	36.9	103.9	64 100*	47.3	109.0	58 200*	64.0
66.0							14.6	87.1	66 900*	32.9	100.9	61 400*	44.1	107.0	55 800*	66.0
68.0										28.4	97.3	58 900*	40.7	104.6	53 500*	68.0
70.0										22.9	92.8	56 500*	37.1	102.0	51 300*	70.0
72.0										15.6	86.5	54 200*	33.1	99.0	49 200*	72.0
74.0													28.5	95.4	47 300*	74.0
76.0													23.1	90.9	45 300*	76.0
78.0													15.9	84.8	43 200*	78.0

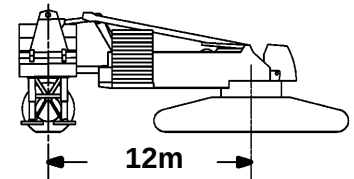
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



73.2m (240 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	73.6	131.8	107 000*													24.4
26.0	71.9	131.2	104 400*													26.0
28.0	69.8	130.5	101 200*													28.0
30.0	67.6	129.6	97 600*	70.4	130.4	107 500*										30.0
32.0	65.5	128.7	94 000*	68.2	129.6	104 300*										32.0
34.0	63.2	127.7	90 200*	66.1	128.7	101 000*										34.0
36.0	61.0	126.5	86 500*	63.8	127.7	97 400*										36.0
38.0	58.6	125.3	82 800*	61.6	126.6	93 700*										38.0
40.0	56.2	124.0	79 200*	59.3	125.4	90 000*	66.4	127.9	113 600*							40.0
42.0	53.8	122.5	75 700*	56.9	124.1	86 300*	64.2	127.0	111 100*							42.0
44.0	51.2	120.9	72 300*	54.5	122.7	82 600*	62.0	125.9	108 300*							44.0
46.0	48.6	119.1	69 100*	52.0	121.1	79 100*	59.7	124.7	104 400*							46.0
48.0	45.8	117.2	66 200*	49.3	119.4	75 600*	57.3	123.4	99 200*							48.0
50.0	42.9	115.0	63 400*	46.6	117.5	72 400*	54.9	122.0	94 400*							50.0
52.0	39.9	112.6	60 800*	43.8	115.4	69 300*	52.4	120.4	90 100*	59.9	123.3	82 600*				52.0
54.0	36.6	109.9	58 500*	40.7	113.1	66 400*	49.8	118.7	86 000*	57.6	122.1	78 700*				54.0
56.0	32.9	106.9	56 500*	37.5	110.5	63 700*	47.1	116.9	82 200*	55.2	120.7	75 100*				56.0
58.0	28.9	103.4	54 800*	34.0	107.6	61 400*	44.2	114.8	78 600*	52.7	119.1	71 800*				58.0
60.0	24.3	99.1	53 600*	30.1	104.2	59 300*	41.2	112.5	75 300*	50.1	117.4	68 700*				60.0
62.0	18.5	93.6	53 000*	25.6	100.1	57 600*	38.0	110.0	72 100*	47.4	115.6	65 800*	55.2	118.7	59 500*	62.0
64.0	9.2	84.5	51 100*	20.2	95.1	56 500*	34.6	107.1	69 100*	44.6	113.6	63 000*	52.7	117.2	57 000*	64.0
66.0				12.6	87.6	54 200*	30.8	103.8	66 300*	41.6	111.3	60 400*	50.2	115.5	54 600*	66.0
68.0							26.4	99.9	63 600*	38.4	108.8	58 000*	47.5	113.6	52 300*	68.0
70.0							21.2	95.1	61 100*	35.0	106.0	55 700*	44.7	111.6	50 200*	70.0
72.0							14.1	88.2	58 300*	31.2	102.7	53 500*	41.7	109.4	48 000*	72.0
74.0										26.9	98.9	51 400*	38.5	106.9	45 900*	74.0
76.0										21.9	94.2	49 400*	35.1	104.0	44 000*	76.0
78.0										15.1	87.6	47 400*	31.3	100.8	42 100*	78.0
80.0													27.1	97.0	40 200*	80.0
84.0													15.4	85.9	36 700*	84.0

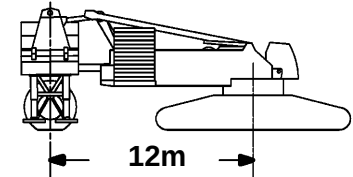


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



73.2m (240 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

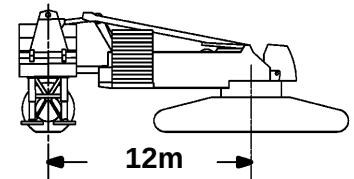
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	73.8	137.7	94 200*													25.9
26.0	73.7	137.6	94 100*													26.0
28.0	71.8	137.0	91 600*													28.0
30.0	69.9	136.2	88 900*													30.0
32.0	67.9	135.4	86 000*	70.4	136.2	94 500*										32.0
34.0	66.0	134.5	83 000*	68.5	135.4	92 000*										34.0
36.0	64.0	133.5	79 900*	66.5	134.5	89 300*										36.0
38.0	61.9	132.4	76 900*	64.5	133.6	86 400*										38.0
40.0	59.9	131.2	73 800*	62.5	132.5	83 400*										40.0
42.0	57.8	130.0	70 800*	60.4	131.4	80 300*	66.8	133.7	100 100*							42.0
44.0	55.6	128.6	67 900*	58.3	130.1	77 300*	64.9	132.8	98 600*							44.0
46.0	53.3	127.1	65 000*	56.2	128.8	74 200*	62.8	131.7	96 300*							46.0
48.0	51.0	125.5	62 300*	54.0	127.3	71 300*	60.8	130.6	93 800*							48.0
50.0	48.6	123.7	59 700*	51.7	125.7	68 300*	58.7	129.4	91 200*							50.0
52.0	46.2	121.8	57 200*	49.3	124.0	65 500*	56.5	128.1	88 300*							52.0
54.0	43.6	119.7	55 000*	46.9	122.1	62 900*	54.3	126.6	84 600*	61.0	129.2	77 100*				54.0
56.0	40.8	117.4	52 800*	44.3	120.1	60 300*	52.1	125.0	80 800*	58.9	128.0	73 500*				56.0
58.0	37.9	114.8	50 900*	41.6	117.8	57 900*	49.7	123.3	77 200*	56.8	126.7	70 200*				58.0
60.0	34.8	111.9	49 100*	38.7	115.3	55 700*	47.3	121.5	73 900*	54.6	125.3	67 100*				60.0
62.0	31.4	108.7	47 600*	35.7	112.6	53 700*	44.7	119.4	70 700*	52.3	123.7	64 200*				62.0
64.0	27.6	105.0	46 400*	32.4	109.4	51 800*	42.0	117.2	67 800*	50.0	122.0	61 500*	56.8	124.7	55 100*	64.0
66.0	23.2	100.5	45 500*	28.7	105.9	50 300*	39.2	114.8	65 000*	47.5	120.2	58 900*	54.7	123.3	52 600*	66.0
68.0	17.8	94.8	45 100*	24.5	101.6	49 000*	36.2	112.1	62 400*	45.0	118.2	56 500*	52.4	121.7	50 200*	68.0
70.0	9.4	85.6	42 700*	19.4	96.3	48 200*	32.9	109.0	59 900*	42.3	116.0	54 200*	50.1	120.1	48 000*	70.0
72.0				12.3	88.6	46 600*	29.3	105.6	57 600*	39.5	113.6	52 000*	47.6	118.2	45 800*	72.0
74.0							25.3	101.4	55 300*	36.5	110.9	50 000*	45.1	116.2	43 800*	74.0
76.0							20.4	96.4	53 200*	33.3	107.9	48 000*	42.4	114.1	41 900*	76.0
78.0							13.8	89.3	50 700*	29.8	104.5	46 200*	39.6	111.7	40 000*	78.0
80.0										25.7	100.4	44 400*	36.7	109.0	38 300*	80.0
84.0										14.7	88.8	40 800*	29.9	102.6	35 000*	84.0
88.0													21.2	93.7	31 800*	88.0

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



73.2m (240 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

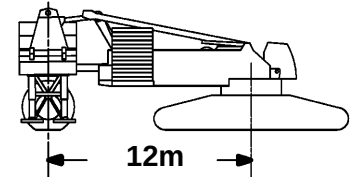
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	73.9	143.6	83 100*													27.4
28.0	73.4	143.4	82 600*													28.0
30.0	71.7	142.7	80 500*													30.0
32.0	70.0	142.0	78 300*	72.2	142.7	85 200*										32.0
34.0	68.2	141.2	76 000*	70.4	142.0	83 300*										34.0
36.0	66.4	140.3	73 600*	68.7	141.2	81 300*										36.0
38.0	64.6	139.3	71 100*	66.9	140.3	79 100*										38.0
40.0	62.8	138.3	68 700*	65.1	139.4	76 800*										40.0
42.0	60.9	137.2	66 100*	63.3	138.4	74 400*										42.0
44.0	59.0	135.9	63 600*	61.4	137.2	72 000*										44.0
46.0	57.0	134.6	61 200*	59.5	136.1	69 500*	65.4	138.6	87 400*							46.0
48.0	55.0	133.2	58 800*	57.6	134.8	67 000*	63.6	137.6	85 700*							48.0
50.0	53.0	131.7	56 500*	55.6	133.4	64 500*	61.7	136.5	83 800*							50.0
52.0	50.9	130.1	54 200*	53.5	131.9	62 100*	59.8	135.3	81 800*							52.0
54.0	48.7	128.3	52 100*	51.4	130.3	59 700*	57.9	134.1	79 600*							54.0
56.0	46.4	126.4	50 100*	49.3	128.6	57 400*	55.9	132.7	77 300*	61.9	135.1	72 200*				56.0
58.0	44.1	124.3	48 100*	47.0	126.7	55 100*	53.9	131.2	74 900*	60.0	134.0	68 900*				58.0
60.0	41.6	122.1	46 400*	44.7	124.7	53 000*	51.8	129.6	72 500*	58.1	132.7	65 900*				60.0
62.0	39.0	119.6	44 700*	42.3	122.5	51 000*	49.6	127.9	69 700*	56.1	131.4	63 000*				62.0
64.0	36.3	116.9	43 200*	39.7	120.1	49 100*	47.4	126.1	66 700*	54.1	129.9	60 300*				64.0
66.0	33.3	113.9	41 800*	37.0	117.5	47 400*	45.1	124.1	64 000*	52.0	128.3	57 700*				66.0
68.0	30.1	110.5	40 700*	34.1	114.5	45 800*	42.7	121.9	61 400*	49.9	126.6	55 400*	56.2	129.4	48 500*	68.0
70.0	26.5	106.6	39 700*	31.0	111.3	44 400*	40.2	119.6	59 000*	47.7	124.8	53 100*	54.2	127.9	46 300*	70.0
72.0	22.4	101.9	39 100*	27.5	107.5	43 200*	37.5	117.0	56 600*	45.4	122.8	51 000*	52.1	126.4	44 200*	72.0
74.0	17.2	96.0	38 800*	23.6	103.1	42 200*	34.6	114.1	54 400*	43.0	120.7	48 900*	50.0	124.7	42 200*	74.0
76.0	9.4	86.7	35 900*	18.8	97.6	41 700*	31.5	110.9	52 300*	40.5	118.3	47 000*	47.7	122.8	40 300*	76.0
78.0				12.1	89.7	40 500*	28.1	107.2	50 300*	37.8	115.8	45 100*	45.5	120.9	38 400*	78.0
80.0							24.3	102.9	48 400*	35.0	112.9	43 200*	43.1	118.7	36 700*	80.0
84.0							13.5	90.4	44 400*	28.5	106.2	39 700*	37.9	113.8	33 500*	84.0
88.0										20.2	96.8	36 300*	32.0	107.8	30 500*	88.0
92.0													24.9	100.1	27 700*	92.0
96.0													14.5	88.1	25 000*	96.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



73.2m (240 Ft.) Boom, 76.2m (250 Ft.) Luffing Jib

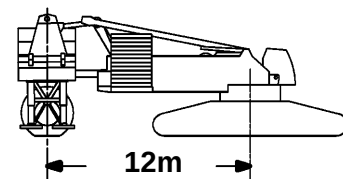
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
29.0	74.0	149.5	73 300*													29.0
30.0	73.2	149.2	72 500*													30.0
32.0	71.6	148.5	70 800*													32.0
34.0	70.0	147.7	69 000*	72.1	148.4	74 900*										34.0
36.0	68.4	146.9	67 100*	70.5	147.7	73 400*										36.0
38.0	66.8	146.1	65 100*	68.9	146.9	71 800*										38.0
40.0	65.1	145.1	63 100*	67.2	146.1	70 100*										40.0
42.0	63.4	144.1	61 000*	65.6	145.2	68 200*										42.0
44.0	61.7	143.0	58 900*	63.9	144.2	66 200*										44.0
46.0	60.0	141.9	56 900*	62.2	143.1	64 200*	67.5	145.3	76 500*							46.0
48.0	58.2	140.6	54 800*	60.5	142.0	62 200*	65.8	144.4	76 500*							48.0
50.0	56.4	139.3	52 800*	58.7	140.7	60 100*	64.2	143.4	76 000*							50.0
52.0	54.5	137.9	50 800*	56.9	139.4	58 000*	62.5	142.4	74 600*							52.0
54.0	52.7	136.3	48 900*	55.1	138.0	56 000*	60.7	141.2	73 000*							54.0
56.0	50.7	134.7	47 100*	53.2	136.5	54 000*	59.0	140.0	71 300*							56.0
58.0	48.7	132.9	45 300*	51.2	134.9	52 000*	57.2	138.7	69 500*	62.7	141.0	67 300*				58.0
60.0	46.6	131.0	43 600*	49.3	133.2	50 100*	55.4	137.3	67 600*	60.9	139.9	64 200*				60.0
62.0	44.5	129.0	42 100*	47.2	131.3	48 300*	53.5	135.8	65 700*	59.2	138.7	61 400*				62.0
64.0	42.2	126.8	40 600*	45.1	129.3	46 500*	51.6	134.2	63 600*	57.4	137.4	58 700*				64.0
66.0	39.9	124.4	39 100*	42.9	127.2	44 800*	49.6	132.5	61 600*	55.6	136.0	56 100*				66.0
68.0	37.4	121.8	37 900*	40.6	124.8	43 200*	47.5	130.7	59 600*	53.7	134.5	53 800*				68.0
70.0	34.8	118.9	36 700*	38.1	122.3	41 800*	45.4	128.7	57 500*	51.8	132.9	51 500*				70.0
72.0	32.0	115.8	35 600*	35.6	119.5	40 400*	43.2	126.6	55 300*	49.8	131.2	49 400*	55.6	134.0	41 800*	72.0
74.0	28.9	112.2	34 700*	32.8	116.4	39 100*	40.9	124.3	53 100*	47.8	129.4	47 300*	53.8	132.5	39 900*	74.0
76.0	25.5	108.1	34 000*	29.8	113.0	38 000*	38.5	121.8	51 000*	45.7	127.5	45 200*	51.8	131.0	38 000*	76.0
78.0	21.6	103.3	33 600*	26.5	109.1	37 100*	36.0	119.1	49 000*	43.5	125.3	43 200*	49.9	129.3	36 200*	78.0
80.0	16.7	97.2	33 500*	22.7	104.5	36 400*	33.3	116.0	47 200*	41.2	123.1	41 300*	47.8	127.4	34 500*	80.0
84.0				12.0	90.8	33 500*	27.1	108.8	43 700*	36.3	117.9	37 800*	43.6	123.4	31 300*	84.0
88.0							19.0	98.9	40 400*	30.7	111.6	34 500*	38.9	118.7	28 400*	88.0
92.0										23.8	103.4	31 500*	33.7	113.0	25 800*	92.0
96.0										14.0	91.0	28 600*	27.6	105.9	23 200*	96.0
100.0													19.7	96.3	20 800*	100.0

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



73.2m (240 Ft.) Boom, 82.3m (270 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
30.5	74.2	155.4	64 800*													30.5
32.0	73.1	154.9	63 800*													32.0
34.0	71.6	154.2	62 400*													34.0
36.0	70.1	153.5	60 900*	72.0	154.2	66 100*										36.0
38.0	68.6	152.7	59 400*	70.5	153.5	64 800*										38.0
40.0	67.1	151.9	57 700*	69.0	152.7	63 500*										40.0
42.0	65.6	150.9	56 000*	67.5	151.9	62 100*										42.0
44.0	64.0	149.9	54 300*	66.0	151.0	60 600*										44.0
46.0	62.4	148.9	52 600*	64.4	150.0	59 000*										46.0
48.0	60.8	147.8	50 900*	62.9	149.0	57 300*										48.0
50.0	59.2	146.6	49 200*	61.3	147.9	55 700*	66.2	150.2	67 000*							50.0
52.0	57.6	145.3	47 500*	59.7	146.7	54 000*	64.7	149.2	67 000*							52.0
54.0	55.9	143.9	45 800*	58.0	145.4	52 200*	63.1	148.2	66 500*							54.0
56.0	54.1	142.5	44 200*	56.3	144.1	50 500*	61.5	147.1	65 200*							56.0
58.0	52.4	140.9	42 600*	54.6	142.6	48 900*	59.9	145.9	63 900*							58.0
60.0	50.6	139.3	41 100*	52.9	141.1	47 200*	58.3	144.7	62 400*							60.0
62.0	48.7	137.5	39 600*	51.1	139.5	45 600*	56.6	143.4	61 000*	61.7	145.7	60 100*				62.0
64.0	46.8	135.6	38 200*	49.2	137.8	44 000*	54.9	141.9	59 400*	60.1	144.6	57 400*				64.0
66.0	44.8	133.6	36 900*	47.3	135.9	42 400*	53.2	140.4	57 800*	58.5	143.3	54 900*				66.0
68.0	42.8	131.4	35 600*	45.4	133.9	41 000*	51.4	138.8	56 100*	56.8	142.0	52 500*				68.0
70.0	40.6	129.1	34 400*	43.4	131.8	39 500*	49.5	137.1	54 400*	55.1	140.6	50 100*				70.0
72.0	38.4	126.6	33 300*	41.2	129.6	38 200*	47.7	135.3	52 800*	53.4	139.1	47 800*				72.0
74.0	36.1	123.9	32 300*	39.0	127.1	36 900*	45.7	133.4	51 000*	51.6	137.5	45 600*	56.9	140.1	38 200*	74.0
76.0	33.6	120.9	31 400*	36.7	124.4	35 800*	43.7	131.2	49 000*	49.7	135.8	43 600*	55.2	138.6	36 300*	76.0
78.0	30.9	117.6	30 600*	34.3	121.5	34 700*	41.6	129.0	46 700*	47.9	134.0	41 600*	53.4	137.1	34 500*	78.0
80.0	27.9	113.9	29 900*	31.6	118.3	33 700*	39.4	126.6	44 600*	45.9	132.1	39 700*	51.6	135.6	32 800*	80.0
84.0	20.9	104.6	29 000*	25.6	110.7	32 100*	34.7	121.1	40 500*	41.8	127.8	36 300*	47.9	132.1	29 700*	84.0
88.0	9.6	88.9	24 600*	17.7	100.0	30 600*	29.3	114.4	36 600*	37.4	122.7	33 000*	44.0	128.1	26 800*	88.0
92.0							22.6	105.8	33 000*	32.4	116.8	30 100*	39.7	123.4	24 200*	92.0
96.0							13.0	92.6	29 900*	26.5	109.4	27 400*	35.0	118.0	21 700*	96.0
100.0										19.0	99.4	24 800*	29.7	111.4	19 500*	100.0
104.0													23.2	103.0	17 300*	104.0
108.0													13.9	90.3	15 200*	108.0

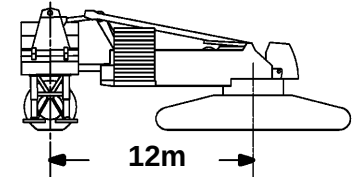


Liftcrane Luffing Jib Capacities

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



73.2m (240 Ft.) Boom, 88.4m (290 Ft.) Luffing Jib

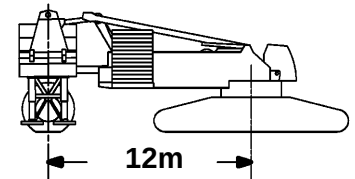
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
32.0	74.3	161.3	57 000*													32.0
34.0	72.9	160.7	55 900*													34.0
36.0	71.5	160.0	54 800*													36.0
38.0	70.1	159.3	53 500*	71.9	160.0	58 100*										38.0
40.0	68.8	158.5	52 300*	70.5	159.2	57 000*										40.0
42.0	67.3	157.6	50 900*	69.1	158.5	55 900*										42.0
44.0	65.9	156.7	49 600*	67.7	157.6	54 800*										44.0
46.0	64.5	155.8	48 200*	66.3	156.8	53 500*										46.0
48.0	63.0	154.7	46 800*	64.9	155.8	52 300*										48.0
50.0	61.6	153.6	45 300*	63.4	154.8	50 900*										50.0
52.0	60.1	152.5	43 900*	62.0	153.7	49 600*	66.6	156.0	58 300*							52.0
54.0	58.5	151.2	42 500*	60.5	152.6	48 200*	65.1	155.0	58 300*							54.0
56.0	57.0	149.9	41 100*	59.0	151.4	46 800*	63.7	154.0	58 300*							56.0
58.0	55.4	148.6	39 700*	57.4	150.1	45 300*	62.2	153.0	57 800*							58.0
60.0	53.8	147.1	38 400*	55.8	148.7	43 900*	60.7	151.8	56 800*							60.0
62.0	52.2	145.5	37 000*	54.2	147.3	42 500*	59.2	150.6	55 700*							62.0
64.0	50.5	143.9	35 700*	52.6	145.7	41 100*	57.7	149.4	54 500*	62.4	151.6	55 400*				64.0
66.0	48.7	142.1	34 500*	50.9	144.1	39 800*	56.1	148.0	53 200*	60.9	150.5	52 900*				66.0
68.0	47.0	140.2	33 300*	49.2	142.4	38 500*	54.5	146.6	51 100*	59.4	149.3	50 300*				68.0
70.0	45.1	138.2	32 200*	47.5	140.5	37 200*	52.9	145.1	48 800*	57.8	148.0	47 900*				70.0
72.0	43.2	136.1	31 100*	45.6	138.6	36 000*	51.2	143.4	46 600*	56.3	146.7	45 700*				72.0
74.0	41.3	133.8	30 200*	43.8	136.5	34 800*	49.5	141.7	44 400*	54.7	145.2	43 500*				74.0
76.0	39.2	131.4	29 200*	41.8	134.3	33 600*	47.8	139.9	42 200*	53.1	143.7	41 500*				76.0
78.0	37.1	128.8	28 300*	39.8	131.9	32 600*	45.9	138.0	40 100*	51.4	142.1	39 500*	56.3	144.7	32 200*	78.0
80.0	34.8	125.9	27 600*	37.7	129.3	31 200*	44.1	135.9	38 000*	49.7	140.4	37 700*	54.7	143.3	30 600*	80.0
84.0	29.9	119.3	25 200*	33.1	123.4	27 600*	40.1	131.3	34 000*	46.1	136.7	34 200*	51.5	140.2	27 500*	84.0
88.0	23.9	111.1	22 100*	27.8	116.4	24 200*	35.8	126.0	30 200*	42.4	132.4	31 100*	48.0	136.7	24 700*	88.0
92.0	15.9	99.5	19 200*	21.4	107.3	21 200*	31.0	119.7	26 700*	38.3	127.6	28 200*	44.4	132.7	22 100*	92.0
96.0				11.7	92.9	18 500*	25.3	112.0	23 400*	33.8	121.9	25 500*	40.4	128.2	19 700*	96.0
100.0							18.0	101.4	20 400*	28.6	115.0	23 000*	36.2	122.9	17 400*	100.0
104.0										22.4	106.3	20 700*	31.4	116.7	15 400*	104.0
108.0										13.5	93.2	18 300*	25.8	109.1	13 400*	108.0
112.0													18.6	98.8	11 500*	112.0

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



73.2m (240 Ft.) Boom, 94.5m (310 Ft.) Luffing Jib

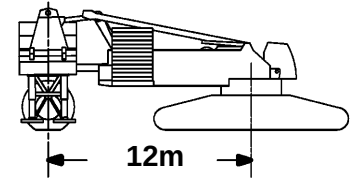
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
33.5	74.3	167.2	50 200*													33.5
34.0	74.0	167.1	50 000*													34.0
36.0	72.8	166.4	49 100*													36.0
38.0	71.5	165.8	48 100*													38.0
40.0	70.2	165.0	47 100*	71.8	165.7	51 000*										40.0
42.0	68.9	164.2	46 100*	70.6	165.0	50 200*										42.0
44.0	67.6	163.4	45 000*	69.3	164.2	49 300*										44.0
46.0	66.3	162.5	43 800*	67.9	163.4	48 300*										46.0
48.0	64.9	161.6	42 700*	66.6	162.6	47 300*										48.0
50.0	63.6	160.6	41 500*	65.3	161.6	46 300*										50.0
52.0	62.2	159.5	40 300*	63.9	160.6	45 200*										52.0
54.0	60.8	158.4	39 100*	62.6	159.6	44 100*	66.8	161.7	50 800*							54.0
56.0	59.4	157.2	37 900*	61.2	158.5	42 900*	65.5	160.8	50 800*							56.0
58.0	57.9	155.9	36 800*	59.8	157.3	41 800*	64.2	159.9	50 800*							58.0
60.0	56.5	154.6	35 600*	58.3	156.1	40 600*	62.8	158.8	50 800*							60.0
62.0	55.0	153.2	34 500*	56.9	154.7	39 400*	61.4	157.7	50 400*							62.0
64.0	53.5	151.7	33 300*	55.4	153.4	38 300*	60.0	156.6	49 000*							64.0
66.0	51.9	150.1	32 300*	53.9	151.9	37 100*	58.6	155.3	46 900*							66.0
68.0	50.4	148.5	31 200*	52.4	150.4	36 000*	57.1	154.0	44 800*	61.6	156.4	47 800*				68.0
70.0	48.8	146.7	30 200*	50.8	148.7	34 800*	55.7	152.6	42 700*	60.2	155.2	46 200*				70.0
72.0	47.1	144.8	29 200*	49.2	147.0	33 400*	54.2	151.2	40 600*	58.7	154.0	43 900*				72.0
74.0	45.4	142.9	28 200*	47.6	145.1	31 400*	52.6	149.7	38 500*	57.3	152.7	41 800*				74.0
76.0	43.6	140.8	26 900*	45.9	143.2	29 500*	51.1	148.0	36 400*	55.8	151.3	39 800*				76.0
78.0	41.8	138.5	25 100*	44.1	141.1	27 600*	49.5	146.3	34 300*	54.3	149.9	37 900*				78.0
80.0	39.9	136.1	23 400*	42.3	138.9	25 900*	47.8	144.5	32 400*	52.8	148.4	36 000*	57.3	150.7	28 900*	80.0
84.0	35.9	130.9	20 100*	38.5	134.1	22 400*	44.4	140.5	28 500*	49.7	145.0	32 600*	54.4	147.9	25 800*	84.0
88.0	31.4	124.6	17 000*	34.3	128.5	19 100*	40.8	136.1	24 800*	46.3	141.3	29 500*	51.3	144.8	23 000*	88.0
92.0	26.2	117.1	14 100*	29.6	121.9	16 100*	36.8	130.9	21 300*	42.8	137.1	26 600*	48.1	141.3	20 400*	92.0
96.0	19.8	107.3	11 400*	24.1	113.7	13 200*	32.5	124.9	18 100*	39.1	132.4	23 500*	44.7	137.3	18 100*	96.0
100.0	9.7	91.0	9 100*	16.9	102.4	10 700*	27.5	117.7	15 100*	34.9	126.9	20 100*	41.0	132.9	15 900*	100.0
104.0							21.4	108.6	12 400*	30.3	120.4	17 000*	37.1	127.8	13 800*	104.0
108.0							12.6	94.7	9 900*	24.9	112.5	14 100*	32.8	121.9	11 900*	108.0
112.0										18.0	101.8	11 500*	27.9	114.8	10 100*	112.0
116.0													21.9	105.8	8 400*	116.0

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

18000 With
 21000 MAX-ER



79.2m (260 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	72.1	108.4	186 100*c													16.8
18.0	69.3	107.8	181 600*c													18.0
20.0	64.6	106.9	173 800*b	71.0	107.9	189 000*c										20.0
22.0	59.8	105.7	165 300*b	66.4	107.0	183 400*b										22.0
24.0	54.6	104.2	156 800*	61.7	105.9	175 200*b										24.0
26.0	49.1	102.5	148 700*	56.6	104.6	166 800*b										26.0
28.0	43.0	100.3	141 300*	51.3	102.9	158 400*										28.0
30.0	35.9	97.6	134 900*	45.4	101.0	150 400*	63.7	105.4	173 200*b							30.0
32.0	27.2	93.9	130 600*	38.7	98.5	143 200*	58.8	104.2	161 500*b							32.0
34.0				30.8	95.3	137 400*	53.6	102.7	151 200*							34.0
36.0				19.8	90.4	128 800*	48.0	100.9	141 900*							36.0
38.0							41.7	98.6	133 700*							38.0
40.0							34.4	95.8	126 100*	55.6	101.7	116 900*b				40.0
42.0							25.1	91.8	119 100*	50.1	100.0	110 500*				42.0
44.0										44.1	97.9	104 700*				44.0
46.0										37.3	95.3	99 400*	57.1	99.9	91 500*b	46.0
48.0										28.9	91.8	94 400*	51.7	98.3	87 000*	48.0
50.0										16.5	86.2	89 600*	45.9	96.3	82 700*	50.0
52.0													39.4	93.9	78 700*	52.0
54.0													31.6	90.8	74 900*	54.0
56.0													21.0	86.1	71 300*	56.0

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

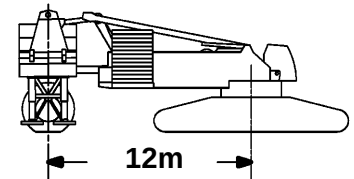
Capacities indicated by **(c)** require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



79.2m (260 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	72.7	114.3	162 100*c													18.3
20.0	69.6	113.6	156 900*b													20.0
22.0	65.8	112.7	150 300*b	71.0	113.7	165 000*c										22.0
24.0	61.9	111.6	143 300*	67.3	112.8	159 200*b										24.0
26.0	57.9	110.3	136 200*	63.4	111.8	152 500*b										26.0
28.0	53.6	108.8	129 300*	59.4	110.6	145 600*										28.0
30.0	49.1	107.1	122 800*	55.3	109.2	138 600*										30.0
32.0	44.2	105.0	116 700*	50.8	107.5	131 700*	65.1	111.2	160 500*b							32.0
34.0	38.7	102.5	111 300*	46.1	105.6	125 200*	61.2	110.1	150 300*							34.0
36.0	32.5	99.5	107 000*	40.9	103.3	119 200*	57.1	108.8	141 200*							36.0
38.0	24.7	95.4	104 200*	35.0	100.5	114 000*	52.8	107.3	133 000*							38.0
40.0				27.9	96.9	109 900*	48.2	105.5	125 600*							40.0
42.0				18.2	91.5	106 600*	43.2	103.3	118 800*	58.6	107.7	109 600*				42.0
44.0							37.6	100.8	112 700*	54.4	106.3	103 900*				44.0
46.0							31.1	97.5	106 900*	49.9	104.6	98 700*				46.0
48.0							22.9	93.2	101 600*	45.1	102.6	93 900*				48.0
50.0										39.7	100.2	89 400*				50.0
52.0										33.7	97.2	85 200*	51.2	102.9	77 800*	52.0
54.0										26.3	93.4	81 200*	46.5	101.0	74 200*	54.0
56.0										15.4	87.3	77 300*	41.3	98.7	70 800*	56.0
58.0													35.5	96.0	67 700*	58.0
60.0													28.6	92.4	64 700*	60.0
62.0													19.2	87.3	61 800*	62.0

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

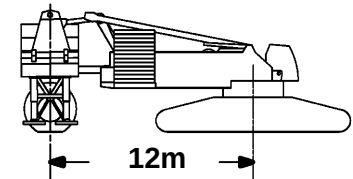
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

18000 With
 21000 MAX-ER



79.2m (260 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	73.2	120.2	141 400*b													19.8
20.0	72.9	120.2	141 000*b													20.0
22.0	69.8	119.4	136 000*b													22.0
24.0	66.6	118.5	130 500*	71.0	119.4	143 500*b										24.0
26.0	63.4	117.5	124 800*	67.8	118.6	138 600*b										26.0
28.0	60.0	116.3	119 000*	64.6	117.7	133 300*										28.0
30.0	56.5	115.0	113 200*	61.3	116.5	127 700*										30.0
32.0	52.9	113.4	107 600*	57.9	115.2	121 800*										32.0
34.0	49.1	111.7	102 400*	54.3	113.8	116 100*	66.0	117.1	147 700*							34.0
36.0	45.0	109.7	97 500*	50.5	112.1	110 600*	62.7	116.0	139 800*							36.0
38.0	40.5	107.3	93 100*	46.6	110.2	105 300*	59.4	114.8	131 500*							38.0
40.0	35.6	104.6	89 300*	42.3	108.0	100 400*	55.8	113.4	124 100*							40.0
42.0	29.9	101.2	86 300*	37.5	105.5	95 900*	52.2	111.9	117 500*							42.0
44.0	22.9	96.8	84 400*	32.2	102.3	92 200*	48.3	110.1	111 400*	60.6	113.7	102 200*				44.0
46.0				25.8	98.4	89 400*	44.1	108.0	105 800*	57.2	112.4	97 000*				46.0
48.0				17.0	92.7	88 400*	39.6	105.6	100 600*	53.6	110.9	92 300*				48.0
50.0							34.6	102.7	95 800*	49.8	109.2	87 900*				50.0
52.0							28.7	99.2	91 400*	45.7	107.2	83 800*				52.0
54.0							21.3	94.5	87 200*	41.3	104.9	80 000*	54.6	109.1	72 500*	54.0
56.0										36.5	102.3	76 300*	50.9	107.5	69 200*	56.0
58.0										31.0	99.0	73 000*	46.9	105.6	66 100*	58.0
60.0										24.3	94.8	69 700*	42.6	103.4	63 200*	60.0
62.0										14.6	88.4	66 600*	38.0	100.9	60 500*	62.0
64.0													32.7	97.8	58 000*	64.0
66.0													26.4	94.0	55 500*	66.0
68.0													18.0	88.5	53 100*	68.0

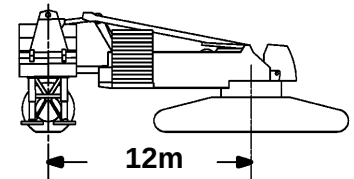
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



79.2m (260 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	73.5	126.1	124 200* b													21.3
22.0	72.6	125.9	122 900* b													22.0
24.0	69.9	125.2	118 700*													24.0
26.0	67.2	124.3	114 300*	70.9	125.2	125 600* b										26.0
28.0	64.4	123.3	109 600*	68.2	124.4	121 700*										28.0
30.0	61.5	122.2	104 900*	65.5	123.5	117 300*										30.0
32.0	58.6	121.0	100 200*	62.6	122.4	112 800*										32.0
34.0	55.5	119.6	95 500*	59.7	121.2	108 100*										34.0
36.0	52.4	118.0	91 000*	56.7	119.9	103 300*	66.7	122.9	130 900*							36.0
38.0	49.0	116.3	86 800*	53.6	118.4	98 700*	63.9	121.9	127 700*							38.0
40.0	45.5	114.3	82 800*	50.3	116.7	94 100*	61.0	120.7	123 300*							40.0
42.0	41.8	112.1	79 200*	46.9	114.8	89 800*	58.0	119.5	116 400*							42.0
44.0	37.7	109.5	76 000*	43.2	112.7	85 800*	54.9	118.1	110 400*							44.0
46.0	33.2	106.5	73 200*	39.3	110.3	82 100*	51.7	116.5	104 800*	62.1	119.6	95 800*				46.0
48.0	27.9	102.8	71 000*	35.0	107.5	78 900*	48.4	114.7	99 800*	59.1	118.3	91 100*				48.0
50.0	21.5	98.1	69 800*	30.0	104.1	76 100*	44.8	112.7	95 000*	56.1	117.0	86 800*				50.0
52.0				24.2	99.9	74 100*	41.0	110.4	90 700*	53.0	115.5	82 800*				52.0
54.0				16.2	93.8	73 500*	36.9	107.7	86 600*	49.7	113.8	79 000*				54.0
56.0							32.2	104.6	82 800*	46.2	111.8	75 400*				56.0
58.0							26.8	100.8	79 200*	42.5	109.7	72 100*	53.9	113.7	65 000*	58.0
60.0							20.0	95.7	75 700*	38.5	107.1	69 000*	50.6	112.1	62 200*	60.0
62.0										34.0	104.2	66 100*	47.2	110.2	59 500*	62.0
64.0										29.0	100.7	63 300*	43.6	108.1	57 000*	64.0
66.0										22.8	96.2	60 600*	39.6	105.7	54 600*	66.0
68.0										14.0	89.5	58 000*	35.3	102.9	52 400*	68.0
70.0													30.5	99.6	50 200*	70.0
72.0													24.7	95.5	48 000*	72.0
74.0													17.1	89.7	45 800*	74.0

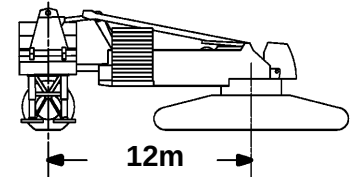
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



79.2m (260 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	73.7	132.0	109 100*(b)													22.9
24.0	72.4	131.7	107 300*													24.0
26.0	70.0	130.9	103 800*													26.0
28.0	67.6	130.1	100 200*	70.9	131.0	110 200*										28.0
30.0	65.2	129.1	96 400*	68.6	130.2	106 900*										30.0
32.0	62.7	128.1	92 500*	66.1	129.3	103 400*										32.0
34.0	60.1	126.9	88 600*	63.7	128.3	99 700*										34.0
36.0	57.5	125.6	84 700*	61.1	127.1	95 800*										36.0
38.0	54.8	124.2	81 000*	58.5	125.9	91 900*										38.0
40.0	52.0	122.6	77 300*	55.8	124.5	88 000*	64.7	127.7	113 100*							40.0
42.0	49.0	120.9	73 900*	53.1	123.0	84 200*	62.2	126.6	110 100*							42.0
44.0	46.0	118.9	70 700*	50.2	121.3	80 500*	59.6	125.4	106 700*							44.0
46.0	42.7	116.8	67 700*	47.2	119.5	77 000*	57.0	124.1	103 100*							46.0
48.0	39.2	114.3	65 000*	44.0	117.4	73 700*	54.3	122.7	98 300*							48.0
50.0	35.4	111.6	62 600*	40.6	115.1	70 600*	51.4	121.1	93 600*	60.6	124.3	85 000*				50.0
52.0	31.2	108.3	60 600*	36.9	112.4	67 900*	48.5	119.3	89 200*	58.0	123.0	81 100*				52.0
54.0	26.4	104.4	59 100*	32.9	109.4	65 400*	45.4	117.3	85 200*	55.3	121.6	77 300*				54.0
56.0	20.4	99.4	58 200*	28.3	105.8	63 400*	42.1	115.1	81 500*	52.5	120.1	73 800*				56.0
58.0				22.9	101.3	62 000*	38.5	112.6	78 000*	49.6	118.3	70 500*				58.0
60.0				15.5	94.9	61 600*	34.7	109.7	74 600*	46.5	116.4	67 500*	56.1	119.8	60 400*	60.0
62.0							30.3	106.4	71 500*	43.3	114.3	64 600*	53.3	118.3	57 800*	62.0
64.0							25.3	102.3	68 500*	39.9	111.9	61 900*	50.4	116.7	55 200*	64.0
66.0							19.0	97.0	65 600*	36.1	109.2	59 300*	47.4	114.8	52 700*	66.0
68.0										32.0	106.1	56 900*	44.2	112.8	50 400*	68.0
70.0										27.3	102.3	54 600*	40.9	110.5	48 100*	70.0
72.0										21.6	97.6	52 400*	37.2	107.9	46 100*	72.0
74.0										13.6	90.6	50 200*	33.2	104.8	44 000*	74.0
76.0													28.7	101.3	42 100*	76.0
78.0													23.4	96.9	40 200*	78.0
80.0													16.3	90.8	38 300*	80.0

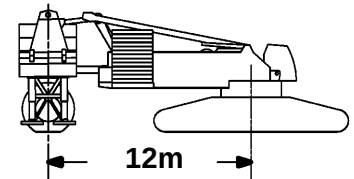
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



79.2m (260 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

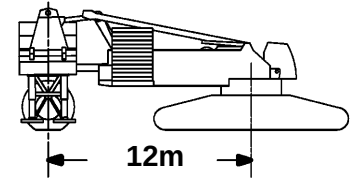
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	73.9	137.9	96 400*													24.4
26.0	72.2	137.4	94 300*													26.0
28.0	70.1	136.7	91 400*													28.0
30.0	68.0	135.9	88 400*	70.9	136.7	97 100*										30.0
32.0	65.8	134.9	85 300*	68.8	135.9	94 400*										32.0
34.0	63.6	133.9	82 100*	66.6	135.1	91 600*										34.0
36.0	61.3	132.8	78 800*	64.4	134.1	88 500*										36.0
38.0	59.0	131.6	75 600*	62.2	133.0	85 400*										38.0
40.0	56.6	130.3	72 400*	59.9	131.8	82 100*	67.6	134.4	102 300*							40.0
42.0	54.2	128.8	69 400*	57.5	130.6	78 900*	65.4	133.5	100 800*							42.0
44.0	51.7	127.2	66 400*	55.1	129.1	75 700*	63.2	132.5	98 300*							44.0
46.0	49.0	125.5	63 600*	52.6	127.6	72 600*	60.9	131.4	95 600*							46.0
48.0	46.3	123.6	61 000*	50.0	125.9	69 600*	58.6	130.1	92 800*							48.0
50.0	43.4	121.4	58 500*	47.4	124.1	66 700*	56.2	128.8	89 800*							50.0
52.0	40.4	119.1	56 200*	44.5	122.0	64 000*	53.7	127.3	86 700*	61.7	130.2	79 800*				52.0
54.0	37.1	116.5	54 200*	41.5	119.8	61 400*	51.2	125.7	83 500*	59.4	129.0	76 100*				54.0
56.0	33.5	113.5	52 400*	38.4	117.3	59 100*	48.5	123.9	80 400*	57.1	127.7	72 600*				56.0
58.0	29.6	110.1	50 900*	34.9	114.4	57 000*	45.8	121.9	77 000*	54.6	126.2	69 300*				58.0
60.0	25.1	105.9	49 800*	31.2	111.2	55 100*	42.8	119.8	73 700*	52.1	124.7	66 300*				60.0
62.0	19.5	100.7	49 300*	26.9	107.4	53 600*	39.8	117.4	70 600*	49.5	122.9	63 500*				62.0
64.0	11.3	92.6	50 000*	21.8	102.6	52 600*	36.4	114.7	67 700*	46.8	121.1	60 800*	55.3	124.5	53 500*	64.0
66.0				15.0	96.1	52 300*	32.8	111.6	64 900*	43.9	119.0	58 300*	52.9	122.9	51 100*	66.0
68.0							28.8	108.1	62 300*	40.9	116.7	56 000*	50.3	121.3	48 800*	68.0
70.0							24.1	103.8	59 800*	37.7	114.1	53 700*	47.6	119.4	46 600*	70.0
72.0							18.3	98.2	57 400*	34.2	111.2	51 500*	44.8	117.4	44 500*	72.0
74.0										30.4	107.9	49 500*	41.8	115.2	42 600*	74.0
76.0										25.9	103.9	47 600*	38.7	112.7	40 700*	76.0
78.0										20.6	98.9	45 700*	35.2	109.9	38 900*	78.0
80.0										13.2	91.7	43 800*	31.5	106.7	37 100*	80.0
84.0													22.3	98.3	33 900*	84.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



79.2m (260 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

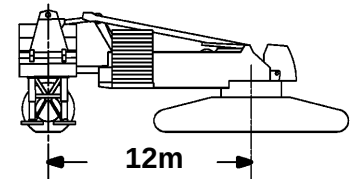
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.1	143.9	84 900*													25.9
26.0	74.0	143.8	84 800*													26.0
28.0	72.1	143.2	82 700*													28.0
30.0	70.2	142.4	80 400*													30.0
32.0	68.3	141.6	77 900*	70.9	142.5	85 400*										32.0
34.0	66.3	140.7	75 400*	69.0	141.7	83 200*										34.0
36.0	64.3	139.7	72 700*	67.0	140.8	81 000*										36.0
38.0	62.3	138.7	70 100*	65.1	139.9	78 500*										38.0
40.0	60.2	137.5	67 400*	63.1	138.9	75 900*										40.0
42.0	58.1	136.3	64 800*	61.0	137.7	73 300*										42.0
44.0	55.9	134.9	62 200*	58.9	136.5	70 700*	65.9	139.3	89 000*							44.0
46.0	53.7	133.4	59 700*	56.8	135.2	68 000*	63.9	138.3	87 300*							46.0
48.0	51.4	131.8	57 300*	54.6	133.8	65 400*	61.9	137.2	85 200*							48.0
50.0	49.0	130.1	55 000*	52.3	132.2	62 900*	59.8	136.1	83 100*							50.0
52.0	46.6	128.2	52 800*	49.9	130.5	60 400*	57.7	134.8	80 700*							52.0
54.0	44.0	126.1	50 800*	47.5	128.7	58 000*	55.5	133.4	78 200*							54.0
56.0	41.3	123.8	48 900*	45.0	126.7	55 800*	53.3	131.9	75 700*	60.6	134.9	70 900*				56.0
58.0	38.4	121.3	47 100*	42.3	124.5	53 600*	51.0	130.2	73 100*	58.5	133.6	67 700*				58.0
60.0	35.3	118.5	45 600*	39.5	122.1	51 600*	48.6	128.5	70 500*	56.3	132.3	64 700*				60.0
62.0	32.0	115.4	44 200*	36.5	119.4	49 800*	46.1	126.6	67 900*	54.1	130.9	61 900*				62.0
64.0	28.3	111.7	43 100*	33.3	116.4	48 200*	43.5	124.4	65 500*	51.8	129.3	59 200*				64.0
66.0	24.0	107.4	42 300*	29.7	112.9	46 800*	40.7	122.1	63 000*	49.5	127.6	56 700*	56.9	130.5	48 700*	66.0
68.0	18.8	101.9	41 900*	25.7	108.9	45 600*	37.8	119.6	60 700*	47.0	125.7	54 400*	54.7	129.1	46 400*	68.0
70.0	11.2	93.7	42 600*	20.9	104.0	44 800*	34.7	116.7	58 600*	44.5	123.6	52 200*	52.5	127.6	44 300*	70.0
72.0				14.6	97.2	44 800*	31.3	113.5	56 300*	41.8	121.4	50 100*	50.2	125.9	42 300*	72.0
74.0							27.5	109.7	54 100*	38.9	118.9	48 100*	47.7	124.1	40 300*	74.0
76.0							23.1	105.2	52 000*	35.9	116.2	46 100*	45.2	122.1	38 500*	76.0
78.0							17.6	99.4	49 900*	32.6	113.1	44 100*	42.6	119.9	36 700*	78.0
80.0										29.0	109.6	42 200*	39.8	117.5	35 100*	80.0
84.0										19.8	100.2	38 600*	33.6	111.8	31 900*	84.0
88.0													26.1	104.5	29 000*	88.0
92.0													15.2	93.1	26 200*	92.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



79.2m (260 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

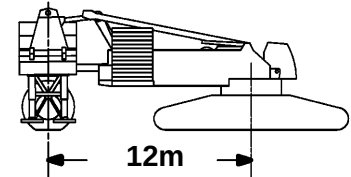
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	74.2	149.8	75 200*													27.4
28.0	73.7	149.6	74 700*													28.0
30.0	72.0	148.9	72 900*													30.0
32.0	70.2	148.2	71 000*	72.6	148.9	77 200*										32.0
34.0	68.5	147.4	69 000*	70.9	148.2	75 500*										34.0
36.0	66.7	146.5	66 800*	69.2	147.5	73 700*										36.0
38.0	64.9	145.6	64 700*	67.4	146.6	71 900*										38.0
40.0	63.1	144.5	62 400*	65.6	145.7	69 900*										40.0
42.0	61.2	143.4	60 200*	63.8	144.7	67 800*										42.0
44.0	59.3	142.2	58 000*	61.9	143.6	65 600*										44.0
46.0	57.3	140.9	55 800*	60.0	142.5	63 400*	66.4	145.1	79 000*							46.0
48.0	55.3	139.5	53 700*	58.1	141.2	61 200*	64.5	144.1	77 900*							48.0
50.0	53.3	138.0	51 700*	56.1	139.9	59 000*	62.7	143.1	76 300*							50.0
52.0	51.2	136.4	49 700*	54.1	138.4	56 900*	60.8	142.0	74 500*							52.0
54.0	49.0	134.7	47 800*	52.0	136.8	54 700*	58.9	140.7	72 700*							54.0
56.0	46.8	132.8	46 000*	49.9	135.1	52 700*	57.0	139.4	70 700*							56.0
58.0	44.4	130.7	44 200*	47.6	133.3	50 700*	55.0	138.0	68 600*	61.5	140.8	66 400*				58.0
60.0	42.0	128.5	42 700*	45.3	131.3	48 800*	52.9	136.5	66 500*	59.6	139.6	63 400*				60.0
62.0	39.4	126.1	41 200*	42.9	129.2	47 000*	50.8	134.9	64 300*	57.7	138.3	60 600*				62.0
64.0	36.7	123.4	39 800*	40.4	126.8	45 400*	48.6	133.1	62 200*	55.7	136.9	58 000*				64.0
66.0	33.8	120.5	38 600*	37.8	124.3	43 800*	46.3	131.2	60 000*	53.7	135.5	55 500*				66.0
68.0	30.6	117.2	37 600*	34.9	121.4	42 400*	44.0	129.1	58 000*	51.6	133.9	53 200*				68.0
70.0	27.1	113.3	36 800*	31.9	118.2	41 100*	41.5	126.8	55 900*	49.4	132.1	51 000*	56.3	135.2	42 600*	70.0
72.0	23.1	108.8	36 200*	28.5	114.6	40 000*	38.9	124.4	54 000*	47.2	130.3	48 800*	54.3	133.7	40 500*	72.0
74.0	18.1	103.2	36 000*	24.7	110.4	39 100*	36.2	121.7	52 100*	44.9	128.3	46 600*	52.2	132.1	38 600*	74.0
76.0	11.1	94.8	36 600*	20.2	105.3	38 600*	33.2	118.6	50 400*	42.5	126.1	44 600*	50.0	130.5	36 800*	76.0
78.0				14.2	98.3	38 400*	30.0	115.2	48 800*	39.9	123.7	42 600*	47.8	128.6	35 100*	78.0
80.0							26.4	111.3	47 300*	37.2	121.1	40 800*	45.5	126.7	33 500*	80.0
84.0							17.0	100.6	43 700*	31.2	114.9	37 300*	40.7	122.2	30 400*	84.0
88.0										23.8	106.8	34 100*	35.2	116.9	27 600*	88.0
92.0										12.7	93.8	31 000*	28.8	110.2	24 900*	92.0
96.0													20.6	101.0	22 500*	96.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 12m Position
 360 Degree Rating

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

**18000 With
 21000 MAX-ER**



79.2m (260 Ft.) Boom, 76.2m (250 Ft.) Luffing Jib

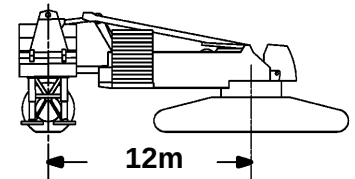
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
29.0	74.3	155.7	66 400*													29.0
30.0	73.5	155.4	65 600*													30.0
32.0	71.9	154.7	64 100*													32.0
34.0	70.3	154.0	62 600*	72.5	154.7	67 900*										34.0
36.0	68.7	153.2	60 900*	70.9	154.0	66 600*										36.0
38.0	67.0	152.3	59 100*	69.3	153.2	65 200*										38.0
40.0	65.4	151.4	57 300*	67.7	152.4	63 600*										40.0
42.0	63.7	150.4	55 500*	66.0	151.5	62 000*										42.0
44.0	62.0	149.3	53 600*	64.3	150.5	60 200*										44.0
46.0	60.3	148.1	51 800*	62.6	149.5	58 400*										46.0
48.0	58.5	146.9	49 900*	60.9	148.4	56 600*	66.7	150.9	69 800*							48.0
50.0	56.7	145.6	48 200*	59.2	147.2	54 800*	65.1	149.9	69 100*							50.0
52.0	54.8	144.2	46 400*	57.4	145.9	53 000*	63.4	148.9	67 900*							52.0
54.0	53.0	142.6	44 700*	55.6	144.5	51 200*	61.7	147.8	66 500*							54.0
56.0	51.0	141.0	43 000*	53.7	143.0	49 400*	59.9	146.7	65 000*							56.0
58.0	49.0	139.3	41 500*	51.8	141.4	47 600*	58.1	145.4	63 500*							58.0
60.0	47.0	137.4	39 900*	49.8	139.7	45 900*	56.3	144.1	61 800*	62.3	146.6	61 700*				60.0
62.0	44.8	135.4	38 500*	47.8	137.9	44 200*	54.5	142.6	60 100*	60.6	145.5	58 900*				62.0
64.0	42.6	133.2	37 200*	45.7	135.9	42 700*	52.6	141.1	58 300*	58.8	144.3	56 300*				64.0
66.0	40.3	130.9	35 900*	43.5	133.8	41 200*	50.6	139.4	56 500*	57.0	143.0	53 700*				66.0
68.0	37.8	128.3	34 800*	41.2	131.6	39 800*	48.6	137.7	54 800*	55.2	141.6	51 200*				68.0
70.0	35.2	125.5	33 700*	38.8	129.1	38 400*	46.6	135.8	53 000*	53.3	140.1	48 800*				70.0
72.0	32.5	122.4	32 800*	36.3	126.4	37 200*	44.4	133.7	51 200*	51.4	138.5	46 600*	57.5	141.2	38 200*	72.0
74.0	29.4	118.9	32 000*	33.6	123.4	36 100*	42.2	131.5	49 500*	49.4	136.7	44 500*	55.7	139.8	36 300*	74.0
76.0	26.1	114.9	31 300*	30.6	120.0	35 100*	39.8	129.1	47 900*	47.3	134.9	42 500*	53.8	138.3	34 500*	76.0
78.0	22.3	110.2	30 900*	27.4	116.3	34 300*	37.4	126.5	46 300*	45.2	132.9	40 600*	51.9	136.8	32 800*	78.0
80.0	17.6	104.4	30 900*	23.8	111.9	33 600*	34.7	123.7	44 800*	43.0	130.8	38 800*	50.0	135.1	31 200*	80.0
84.0				13.9	99.4	33 100*	28.8	116.9	42 200*	38.3	125.9	35 400*	45.8	131.3	28 200*	84.0
88.0							21.5	108.0	39 100*	33.0	120.1	32 200*	41.4	126.9	25 400*	88.0
92.0										26.7	112.8	29 400*	36.5	121.8	22 900*	92.0
96.0										18.5	102.7	26 600*	30.9	115.5	20 500*	96.0
100.0													24.1	107.5	18 300*	100.0
104.0													14.5	95.3	16 100*	104.0

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
210 470 kg Wheeled Counterweight
at 12m Position
360 Degree Rating

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

18000 With 21000 MAX-ER



79.2m (260 Ft.) Boom, 82.3m (270 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
30.5	74.4	161.6	58 700*													30.5
32.0	73.3	161.1	57 800*													32.0
34.0	71.8	160.4	56 500*													34.0
36.0	70.3	159.7	55 200*													36.0
38.0	68.8	158.9	53 800*	70.9	159.8	58 900*										38.0
40.0	67.3	158.1	52 400*	69.4	159.0	57 700*										40.0
42.0	65.8	157.2	50 900*	67.9	158.2	56 400*										42.0
44.0	64.2	156.2	49 400*	66.4	157.3	55 100*										44.0
46.0	62.7	155.2	47 800*	64.8	156.3	53 600*										46.0
48.0	61.1	154.0	46 300*	63.3	155.3	52 100*										48.0
50.0	59.5	152.9	44 700*	61.7	154.2	50 700*	67.0	156.7	61 300*							50.0
52.0	57.8	151.6	43 200*	60.1	153.1	49 100*	65.5	155.7	61 200*							52.0
54.0	56.1	150.2	41 700*	58.4	151.8	47 600*	64.0	154.8	60 400*							54.0
56.0	54.4	148.8	40 200*	56.8	150.5	46 100*	62.4	153.7	59 400*							56.0
58.0	52.7	147.3	38 900*	55.1	149.1	44 600*	60.8	152.6	58 200*							58.0
60.0	50.9	145.6	37 400*	53.3	147.6	43 100*	59.2	151.4	57 000*							60.0
62.0	49.0	143.9	36 100*	51.6	146.0	41 600*	57.5	150.1	55 600*							62.0
64.0	47.1	142.0	34 900*	49.7	144.3	40 200*	55.8	148.7	54 300*	61.4	151.4	54 600*				64.0
66.0	45.2	140.0	33 700*	47.9	142.5	38 800*	54.1	147.3	52 900*	59.8	150.2	52 000*				66.0
68.0	43.1	137.9	32 500*	45.9	140.6	37 500*	52.3	145.7	51 400*	58.1	149.0	49 500*				68.0
70.0	41.0	135.6	31 500*	43.9	138.5	36 200*	50.5	144.1	49 900*	56.4	147.6	47 200*				70.0
72.0	38.8	133.1	30 500*	41.8	136.2	35 000*	48.7	142.3	48 400*	54.7	146.2	45 000*				72.0
74.0	36.4	130.4	29 600*	39.6	133.8	33 900*	46.7	140.4	46 900*	53.0	144.7	42 900*				74.0
76.0	34.0	127.5	28 700*	37.3	131.2	32 800*	44.8	138.4	45 500*	51.2	143.1	40 900*				76.0
78.0	31.3	124.2	28 000*	34.9	128.4	31 800*	42.7	136.2	44 100*	49.4	141.4	39 000*	55.2	144.4	31 100*	78.0
80.0	28.4	120.6	27 400*	32.3	125.3	31 000*	40.6	133.9	42 700*	47.5	139.5	37 200*	53.5	142.9	29 500*	80.0
84.0	21.6	111.6	26 600*	26.5	117.9	29 600*	36.0	128.6	40 100*	43.5	135.4	33 800*	49.9	139.7	26 500*	84.0
88.0	11.0	96.9	25 700*	18.9	107.8	28 800*	30.8	122.3	37 400*	39.2	130.7	30 800*	46.1	135.9	23 800*	88.0
92.0							24.6	114.3	33 800*	34.4	125.2	27 900*	42.0	131.6	21 300*	92.0
96.0							16.1	102.9	30 600*	29.0	118.4	25 300*	37.5	126.7	19 000*	96.0
100.0										22.3	109.7	22 800*	32.6	120.7	16 800*	100.0
104.0										12.3	96.0	20 400*	26.8	113.4	14 800*	104.0
108.0													19.3	103.5	12 800*	108.0