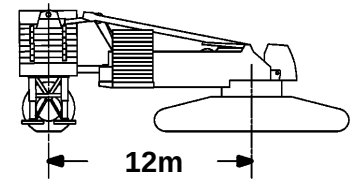


Liftcrane Luffing Jib Capacities

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
390 090 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 390 090 kg wheeled counterweight.

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

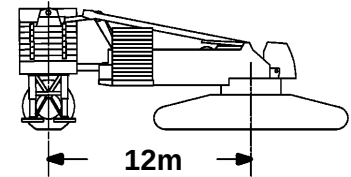
Upper Luffing Jib Point Capacity For Liftcrane Service - Whip Line		
28 mm		32 mm
Drum 2	Drum 3	Drum 2
Single Part Line		
16 240 kg	13 610 kg	22 140 kg
Two Part Line		
Upper Boom Point No. A08516		
32 480 kg	27 220 kg	44 270 kg
In all cases, upper luffing jib point capacities cannot exceed those listed 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
 390 090 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			65 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	72.3	77.8	334 600* b													16.8
18.0	69.5	77.3	327 000* b													18.0
20.0	64.9	76.3	315 900* b													20.0
22.0	60.0	75.2	305 900*													22.0
24.0	54.9	73.7	282 500*													24.0
26.0	49.4	72.0	248 000*	60.6	74.6	274 500*										26.0
28.0	43.3	69.9	222 100*	55.5	73.2	254 100*										28.0
30.0	36.3	67.2	196 500*	50.0	71.5	236 400*										30.0
32.0	27.7	63.6	160 600*	44.0	69.4	220 800*	55.9	72.3	214 700*							32.0
34.0				37.2	66.8	203 500*	50.4	70.6	201 300*							34.0
36.0				28.8	63.4	177 000*	44.5	68.6	189 300*							36.0
38.0				16.2	57.7	134 800*	37.7	66.0	178 500*	50.5	69.3	173 600*				38.0
40.0							29.5	62.6	168 700*	44.6	67.2	164 100*				40.0
42.0							17.5	57.3	147 600*	37.8	64.7	155 300*	50.3	67.4	146 400*	42.0
44.0										29.7	61.3	146 600*	44.3	65.4	138 300*	44.0
46.0													37.5	62.8	130 900*	46.0
48.0													29.2	59.4	124 000*	48.0
50.0													17.0	53.9	117 400*	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

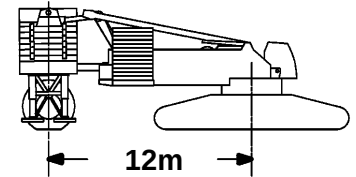
145 150 kg Carbody Counterweight

390 090 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			65 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	72.9	83.7	298 500* b													18.3
20.0	69.8	83.1	290 200* b													20.0
22.0	66.0	82.2	281 100* b													22.0
24.0	62.1	81.1	272 700*													24.0
26.0	58.1	79.8	254 100*	66.4	81.6	273 700*										26.0
28.0	53.8	78.3	227 400*	62.6	80.5	253 400*										28.0
30.0	49.3	76.6	205 600*	58.5	79.3	235 800*										30.0
32.0	44.4	74.5	187 200*	54.3	77.8	220 300*	62.8	79.6	213 800*							32.0
34.0	39.0	72.1	171 500*	49.8	76.1	206 100*	58.8	78.3	200 600*							34.0
36.0	32.8	69.1	157 100*	45.0	74.1	189 700*	54.6	76.9	188 700*							36.0
38.0	25.2	65.0	132 400*	39.7	71.7	173 400*	50.2	75.2	178 000*							38.0
40.0				33.6	68.8	159 500*	45.4	73.2	168 300*	54.7	75.6	163 400*				40.0
42.0				26.1	64.9	143 800*	40.1	70.9	159 600*	50.3	73.9	154 500*				42.0
44.0				15.1	58.8	113 200*	34.0	68.0	151 500*	45.5	71.9	146 100*				44.0
46.0							26.7	64.2	144 000*	40.2	69.5	138 300*	50.0	72.1	130 000*	46.0
48.0							16.2	58.4	126 300*	34.2	66.6	131 300*	45.2	70.1	123 300*	48.0
50.0										26.9	62.9	124 700*	39.9	67.7	117 200*	50.0
52.0													33.9	64.7	111 500*	52.0
54.0													26.5	60.9	106 200*	54.0
56.0													15.8	55.0	101 000*	56.0

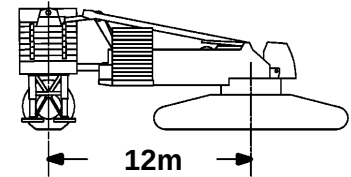
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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			65 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	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	248 700*													24.0
26.0	63.5	86.9	238 400*													26.0
28.0	60.2	85.8	224 700*													28.0
30.0	56.7	84.4	207 900*	63.9	86.4	234 500*										30.0
32.0	53.1	82.9	188 600*	60.6	85.2	218 900*										32.0
34.0	49.3	81.2	172 800*	57.1	83.9	205 300*										34.0
36.0	45.2	79.2	159 200*	53.5	82.4	191 000*	60.8	84.3	187 200*							36.0
38.0	40.8	76.9	147 300*	49.7	80.7	174 600*	57.4	83.0	176 500*							38.0
40.0	35.9	74.1	136 800*	45.6	78.7	160 800*	53.8	81.5	167 000*							40.0
42.0	30.2	70.8	125 800*	41.3	76.5	148 700*	50.0	79.8	158 300*							42.0
44.0	23.3	66.4	106 900*	36.4	73.8	138 100*	45.9	77.9	150 400*	53.8	80.2	144 100*				44.0
46.0				30.9	70.5	128 600*	41.6	75.6	143 100*	50.1	78.5	136 600*				46.0
48.0				24.2	66.3	117 100*	36.8	73.0	136 400*	46.0	76.5	129 600*				48.0
50.0				14.4	59.8	93 300*	31.3	69.8	129 400*	41.7	74.3	123 200*	49.9	76.6	115 300*	50.0
52.0							24.7	65.7	120 700*	36.9	71.7	117 300*	45.8	74.7	109 700*	52.0
54.0							15.3	59.5	103 800*	31.5	68.5	111 700*	41.5	72.4	104 500*	54.0
56.0										24.9	64.4	106 500*	36.7	69.8	99 700*	56.0
58.0													31.2	66.6	95 200*	58.0
60.0													24.5	62.4	90 900*	60.0
62.0													14.9	56.1	86 700*	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

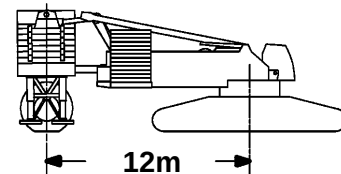
145 150 kg Carbody Counterweight

390 090 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

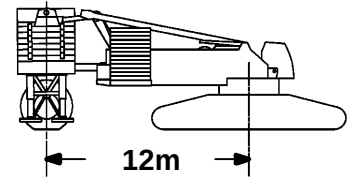
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	205 300*													28.0
30.0	61.7	91.7	195 000*													30.0
32.0	58.8	90.4	184 500*	64.9	92.2	215 500*										32.0
34.0	55.7	89.1	173 500*	62.0	91.1	204 600*										34.0
36.0	52.5	87.5	160 200*	59.1	89.9	191 100*										36.0
38.0	49.2	85.8	148 100*	56.0	88.6	175 600*										38.0
40.0	45.7	83.8	137 600*	52.9	87.0	161 600*	59.3	89.0	166 000*							40.0
42.0	42.0	81.6	128 300*	49.6	85.3	149 500*	56.3	87.6	157 300*							42.0
44.0	37.9	79.1	119 900*	46.1	83.4	138 900*	53.1	86.1	149 400*							44.0
46.0	33.4	76.1	112 300*	42.4	81.2	129 400*	49.8	84.4	142 200*	56.3	86.3	135 200*				46.0
48.0	28.2	72.5	103 700*	38.4	78.7	121 000*	46.4	82.5	135 600*	53.2	84.8	128 300*				48.0
50.0	21.9	67.8	88 300*	33.9	75.8	113 300*	42.7	80.3	129 400*	49.9	83.1	122 000*				50.0
52.0				28.9	72.2	106 400*	38.7	77.8	121 700*	46.4	81.2	116 100*				52.0
54.0				22.7	67.7	97 700*	34.3	75.0	114 000*	42.8	79.0	110 700*	49.7	81.2	103 300*	54.0
56.0				13.8	60.9	78 300*	29.3	71.5	107 100*	38.8	76.5	105 700*	46.3	79.3	98 500*	56.0
58.0							23.2	67.1	100 600*	34.4	73.6	100 900*	42.6	77.2	94 100*	58.0
60.0							14.6	60.6	87 300*	29.4	70.2	96 500*	38.6	74.7	89 900*	60.0
62.0										23.3	65.8	92 300*	34.1	71.7	86 000*	62.0
64.0										14.9	59.3	88 200*	29.1	68.2	82 300*	64.0
66.0													23.0	63.8	78 800*	66.0
68.0													14.3	57.2	75 400*	68.0

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
 390 090 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

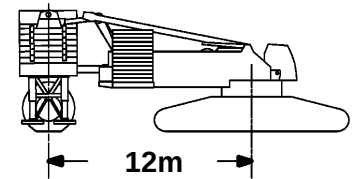
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	189 100*										34.0
36.0	57.6	95.1	153 900*	63.1	97.0	183 200*										36.0
38.0	54.9	93.7	146 000*	60.6	95.8	175 000*										38.0
40.0	52.1	92.1	137 300*	57.9	94.6	161 200*										40.0
42.0	49.2	90.4	127 800*	55.2	93.2	149 000*	60.7	94.9	155 800*							42.0
44.0	46.1	88.4	119 500*	52.4	91.6	138 400*	58.1	93.7	147 900*							44.0
46.0	42.9	86.3	111 900*	49.5	89.9	128 900*	55.4	92.2	140 700*							46.0
48.0	39.4	83.9	105 100*	46.5	88.0	120 500*	52.6	90.7	134 100*							48.0
50.0	35.6	81.1	99 000*	43.2	85.9	112 900*	49.7	89.0	128 000*	55.5	90.9	119 900*				50.0
52.0	31.4	77.9	93 300*	39.8	83.5	106 000*	46.7	87.1	121 200*	52.7	89.4	114 100*				52.0
54.0	26.6	74.0	86 300*	36.1	80.8	99 800*	43.5	85.0	113 500*	49.8	87.7	108 800*				54.0
56.0	20.8	69.1	73 100*	31.9	77.6	94 100*	40.1	82.6	106 600*	46.8	85.8	103 800*				56.0
58.0				27.2	73.8	88 800*	36.3	79.9	100 300*	43.6	83.7	99 100*	49.7	85.8	92 000*	58.0
60.0				21.5	69.1	81 700*	32.2	76.8	94 600*	40.1	81.3	94 800*	46.6	83.9	87 900*	60.0
62.0				13.4	62.0	65 800*	27.6	73.1	89 300*	36.4	78.6	90 700*	43.4	81.8	84 100*	62.0
64.0							22.0	68.4	84 100*	32.3	75.5	86 900*	40.0	79.4	80 500*	64.0
66.0							14.1	61.7	73 700*	27.7	71.8	83 200*	36.2	76.7	77 100*	66.0
68.0										22.1	67.2	79 800*	32.1	73.6	73 900*	68.0
70.0										14.3	60.4	76 400*	27.4	69.9	70 900*	70.0
72.0													21.8	65.2	68 000*	72.0
74.0													13.8	58.3	65 100*	74.0

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
390 090 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

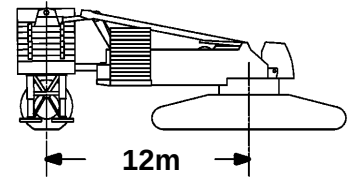
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	161 200*										36.0
38.0	59.1	101.1	136 600*	64.0	102.8	157 400*										38.0
40.0	56.8	99.7	130 400*	61.7	101.7	153 300*										40.0
42.0	54.3	98.3	124 200*	59.4	100.5	147 800*										42.0
44.0	51.8	96.7	118 200*	57.0	99.2	138 100*										44.0
46.0	49.2	95.0	111 500*	54.6	97.8	128 500*	59.6	99.6	139 600*							46.0
48.0	46.4	93.1	104 700*	52.1	96.2	120 000*	57.2	98.3	133 000*							48.0
50.0	43.6	91.0	98 500*	49.5	94.5	112 400*	54.8	96.9	126 900*							50.0
52.0	40.5	88.6	92 900*	46.7	92.6	105 500*	52.3	95.3	120 700*	57.2	96.9	112 600*				52.0
54.0	37.3	86.0	87 700*	43.9	90.5	99 300*	49.7	93.6	113 000*	54.8	95.5	107 300*				54.0
56.0	33.7	83.1	82 900*	40.9	88.2	93 600*	46.9	91.7	106 100*	52.3	94.0	102 300*				56.0
58.0	29.8	79.6	78 300*	37.6	85.7	88 400*	44.1	89.7	99 800*	49.7	92.3	97 700*				58.0
60.0	25.3	75.6	72 300*	34.1	82.7	83 600*	41.1	87.4	94 100*	47.0	90.4	93 400*	52.2	92.2	86 400*	60.0
62.0	19.8	70.4	61 300*	30.3	79.4	79 100*	37.9	84.8	88 900*	44.2	88.3	89 400*	49.6	90.4	82 700*	62.0
64.0	11.9	62.6	49 200*	25.9	75.4	74 700*	34.4	81.9	84 100*	41.2	86.0	85 600*	46.9	88.6	79 100*	64.0
66.0				20.5	70.4	68 900*	30.6	78.6	79 600*	38.0	83.5	82 100*	44.0	86.5	75 700*	66.0
68.0				13.0	63.1	55 700*	26.2	74.7	75 300*	34.5	80.6	78 700*	41.0	84.2	72 600*	68.0
70.0							21.0	69.8	71 000*	30.7	77.3	75 500*	37.8	81.6	69 600*	70.0
72.0							13.7	62.7	62 800*	26.3	73.4	72 500*	34.3	78.7	66 800*	72.0
74.0										21.1	68.5	69 600*	30.5	75.4	64 100*	74.0
76.0										13.9	61.5	66 700*	26.1	71.4	61 600*	76.0
78.0													20.8	66.5	59 100*	78.0
80.0													13.5	59.3	56 600*	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
 390 090 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

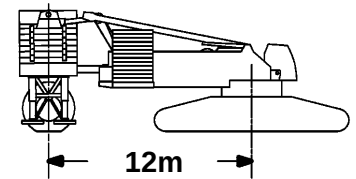
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	138 200*										40.0
42.0	58.2	105.7	116 100*	62.6	107.6	134 300*										42.0
44.0	56.0	104.4	111 300*	60.5	106.5	130 200*										44.0
46.0	53.8	102.9	106 500*	58.4	105.2	125 800*										46.0
48.0	51.5	101.3	101 700*	56.3	103.9	119 000*	60.7	105.5	130 300*							48.0
50.0	49.2	99.6	97 200*	54.1	102.4	111 200*	58.6	104.3	125 300*							50.0
52.0	46.7	97.7	91 800*	51.8	100.8	104 300*	56.4	102.9	119 100*							52.0
54.0	44.1	95.6	86 600*	49.4	99.1	98 100*	54.2	101.5	111 800*							54.0
56.0	41.4	93.4	81 800*	47.0	97.2	92 400*	52.0	99.9	104 800*	56.5	101.6	100 300*				56.0
58.0	38.6	90.9	77 500*	44.4	95.2	87 200*	49.6	98.2	98 600*	54.3	100.1	95 600*				58.0
60.0	35.5	88.1	73 400*	41.7	92.9	82 500*	47.2	96.3	92 900*	52.0	98.6	91 400*				60.0
62.0	32.2	84.9	69 600*	38.9	90.5	78 100*	44.6	94.3	87 700*	49.6	96.9	87 400*				62.0
64.0	28.5	81.3	65 700*	35.8	87.7	74 000*	41.9	92.1	82 900*	47.2	95.0	83 700*	51.9	96.7	77 000*	64.0
66.0	24.2	77.1	60 300*	32.5	84.6	70 200*	39.1	89.6	78 500*	44.7	93.0	80 200*	49.5	95.0	73 700*	66.0
68.0	19.1	71.7	51 100*	28.9	81.1	66 500*	36.1	86.9	74 400*	42.0	90.7	76 800*	47.1	93.2	70 600*	68.0
70.0	11.7	63.7	41 000*	24.7	76.9	62 800*	32.8	83.8	70 500*	39.1	88.3	73 700*	44.5	91.1	67 600*	70.0
72.0				19.7	71.7	57 900*	29.2	80.3	67 000*	36.1	85.6	70 800*	41.8	88.9	64 900*	72.0
74.0				12.8	64.2	46 900*	25.1	76.2	63 400*	32.9	82.5	67 900*	39.0	86.4	62 200*	74.0
76.0							20.1	71.1	59 800*	29.2	79.0	65 200*	36.0	83.7	59 700*	76.0
78.0							13.4	63.8	53 100*	25.1	74.9	62 600*	32.7	80.6	57 400*	78.0
80.0										20.2	69.8	60 000*	29.1	77.1	55 100*	80.0
84.0													20.0	67.8	50 700*	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
390 090 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			65 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	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	115 700*										44.0
46.0	57.4	110.4	99 800*	61.5	112.3	112 000*										46.0
48.0	55.4	109.0	96 000*	59.6	111.2	108 100*										48.0
50.0	53.4	107.5	92 200*	57.7	109.9	104 300*	61.6	111.4	111 800*							50.0
52.0	51.3	105.9	88 500*	55.7	108.5	100 400*	59.7	110.2	108 300*							52.0
54.0	49.1	104.2	84 900*	53.6	107.0	96 500*	57.8	108.9	104 800*							54.0
56.0	46.9	102.3	81 000*	51.5	105.4	91 700*	55.8	107.6	101 100*							56.0
58.0	44.6	100.3	76 600*	49.4	103.7	86 300*	53.8	106.1	97 300*	57.8	107.6	94 100*				58.0
60.0	42.1	98.1	72 500*	47.2	101.8	81 600*	51.7	104.5	92 000*	55.9	106.2	89 900*				60.0
62.0	39.6	95.6	68 800*	44.8	99.8	77 200*	49.5	102.8	86 700*	53.8	104.7	85 900*				62.0
64.0	36.9	93.0	65 300*	42.4	97.6	73 100*	47.3	101.0	81 900*	51.7	103.2	82 200*				64.0
66.0	34.0	90.1	62 000*	39.9	95.2	69 300*	45.0	98.9	77 500*	49.6	101.4	78 700*				66.0
68.0	30.8	86.7	58 700*	37.2	92.6	65 800*	42.6	96.8	73 400*	47.4	99.6	75 400*	51.6	101.3	69 000*	68.0
70.0	27.3	83.0	55 500*	34.3	89.7	62 500*	40.1	94.4	69 600*	45.1	97.6	72 300*	49.5	99.6	66 100*	70.0
72.0	23.3	78.5	50 500*	31.2	86.5	59 300*	37.4	91.8	66 100*	42.6	95.4	69 400*	47.3	97.8	63 400*	72.0
74.0	18.4	72.9	42 800*	27.7	82.7	56 200*	34.5	88.9	62 800*	40.1	93.1	66 600*	44.9	95.8	60 800*	74.0
76.0	11.6	64.8	34 100*	23.8	78.4	53 100*	31.4	85.7	59 700*	37.4	90.5	63 900*	42.5	93.6	58 300*	76.0
78.0				19.0	72.9	48 800*	28.0	82.0	56 700*	34.6	87.6	61 400*	40.0	91.2	55 900*	78.0
80.0				12.5	65.2	39 500*	24.1	77.7	53 600*	31.5	84.4	59 000*	37.3	88.6	53 700*	80.0
84.0							13.1	64.9	45 200*	24.2	76.4	53 900*	31.3	82.5	49 500*	84.0
88.0										13.3	63.7	47 900*	24.0	74.4	45 600*	88.0
92.0													12.9	61.5	41 900*	92.0

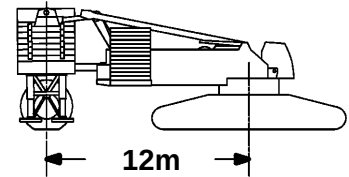


Liftcrane Luffing Jib Capacities

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
 390 090 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

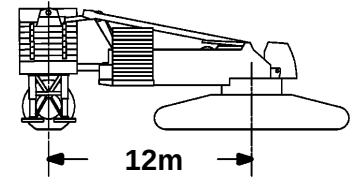
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	97 000*							52.0
54.0	53.1	112.1	78 300*	57.0	114.5	86 800*	60.7	116.1	93 800*							54.0
56.0	51.1	110.5	75 000*	55.1	113.1	83 400*	58.9	114.9	90 600*							56.0
58.0	49.1	108.8	71 800*	53.3	111.6	79 900*	57.1	113.6	87 300*							58.0
60.0	47.1	106.9	68 700*	51.3	110.0	76 600*	55.3	112.2	83 900*							60.0
62.0	44.9	104.9	65 700*	49.4	108.3	73 300*	53.4	110.7	80 600*							62.0
64.0	42.7	102.7	62 800*	47.3	106.5	70 100*	51.5	109.1	77 300*	55.3	110.9	80 100*				64.0
66.0	40.4	100.4	60 000*	45.2	104.5	67 100*	49.5	107.4	74 100*	53.4	109.4	76 600*				66.0
68.0	38.0	97.8	57 400*	43.0	102.3	64 100*	47.5	105.6	70 900*	51.5	107.8	73 400*				68.0
70.0	35.4	95.1	54 700*	40.7	100.0	61 100*	45.3	103.6	67 900*	49.5	106.1	70 300*				70.0
72.0	32.6	92.0	52 000*	38.2	97.5	58 000*	43.1	101.4	64 700*	47.5	104.2	67 400*	51.4	105.9	61 200*	72.0
74.0	29.6	88.5	49 200*	35.7	94.7	55 200*	40.8	99.1	61 400*	45.4	102.2	64 600*	49.4	104.2	58 700*	74.0
76.0	26.3	84.5	46 600*	32.9	91.7	52 400*	38.4	96.6	58 400*	43.2	100.1	62 000*	47.4	102.4	56 200*	76.0
78.0	22.5	79.9	41 800*	30.0	88.2	49 800*	35.9	93.9	55 400*	40.9	97.8	59 500*	45.3	100.4	53 900*	78.0
80.0	17.9	74.1	35 200*	26.7	84.3	47 100*	33.1	90.8	52 700*	38.5	95.3	57 200*	43.1	98.3	51 700*	80.0
84.0				18.4	74.2	40 700*	26.9	83.6	47 600*	33.2	89.5	52 800*	38.4	93.4	47 600*	84.0
88.0							18.8	73.6	42 400*	27.0	82.3	47 800*	33.1	87.6	43 800*	88.0
92.0										18.9	72.3	42 700*	26.8	80.4	40 300*	92.0
96.0													18.7	70.3	37 100*	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
390 090 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			65 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	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	81 300*							56.0
58.0	52.8	116.7	64 500*	56.4	119.2	71 900*	59.8	120.8	78 300*							58.0
60.0	51.0	115.1	61 600*	54.7	117.8	68 800*	58.2	119.6	75 300*							60.0
62.0	49.1	113.4	58 800*	53.0	116.2	65 800*	56.5	118.3	72 300*							62.0
64.0	47.2	111.5	56 000*	51.2	114.6	62 800*	54.8	116.8	69 300*							64.0
66.0	45.3	109.5	53 400*	49.3	112.9	59 900*	53.1	115.3	66 300*	56.6	116.9	71 600*				66.0
68.0	43.2	107.4	50 800*	47.4	111.1	57 100*	51.3	113.7	63 400*	54.9	115.5	68 800*				68.0
70.0	41.1	105.1	48 300*	45.5	109.1	54 400*	49.5	112.0	60 600*	53.1	114.0	66 000*				70.0
72.0	38.9	102.7	46 000*	43.5	107.0	51 800*	47.6	110.2	57 800*	51.3	112.4	63 300*				72.0
74.0	36.6	100.0	43 700*	41.3	104.7	49 300*	45.6	108.2	55 100*	49.5	110.7	60 500*				74.0
76.0	34.1	97.0	41 500*	39.1	102.3	46 900*	43.6	106.1	52 500*	47.6	108.8	57 800*	51.2	110.6	54 700*	76.0
78.0	31.5	93.8	39 400*	36.8	99.6	44 500*	41.5	103.8	49 900*	45.7	106.9	55 200*	49.4	108.8	52 300*	78.0
80.0	28.6	90.2	37 400*	34.4	96.7	42 300*	39.3	101.4	47 500*	43.6	104.8	52 600*	47.5	107.0	50 200*	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	47 700*	43.5	102.9	46 100*	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	43 200*	39.2	98.2	42 300*	88.0
92.0				12.2	67.4	27 100*	22.5	80.5	34 800*	29.2	87.9	38 900*	34.5	92.7	38 900*	92.0
96.0							12.7	67.1	31 300*	22.6	79.2	35 100*	29.0	86.0	35 800*	96.0
100.0										12.8	65.9	31 600*	22.4	77.3	32 800*	100.0
104.0													12.5	63.7	29 900*	104.0

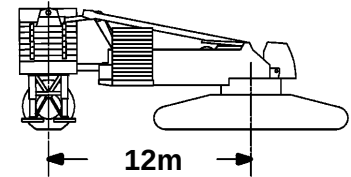


Liftcrane Luffing Jib Capacities

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
 390 090 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

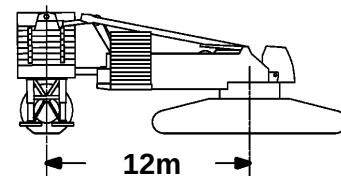
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	
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	55 600*				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	53 100*				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	50 700*				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	48 200*				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	45 800*	52.8	116.8	49 900*	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	43 500*	51.1	115.2	47 600*	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	39 000*	47.6	111.6	43 200*	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*	43.9	107.6	38 900*	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*	40.0	103.0	34 800*	92.0
96.0				17.5	76.6	20 300*	25.2	86.7	23 700*	30.9	93.2	27 300*	35.7	97.7	30 900*	96.0
100.0							17.8	76.1	20 700*	25.3	85.4	23 900*	30.8	91.3	27 300*	100.0
104.0										17.9	74.8	20 900*	25.1	83.5	24 000*	104.0
108.0													17.7	72.7	21 000*	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
390 090 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

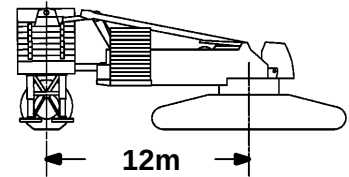
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	
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*	51.0	119.7	37 000*	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*	47.7	116.2	32 900*	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*	44.3	112.2	29 000*	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*	40.6	107.7	25 200*	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*	36.7	102.6	21 700*	100.0
104.0				11.9	69.5	9 800*	21.2	83.3	12 500*	27.4	91.2	15 500*	32.3	96.5	18 500*	104.0
108.0							12.4	69.2	10 000*	21.3	82.0	12 700*	27.3	89.3	15 500*	108.0
112.0										12.5	68.1	10 200*	21.1	80.0	12 700*	112.0
116.0													12.2	65.8	10 200*	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
 390 090 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			65 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	70.1	83.5	317 700*b													18.3
20.0	66.1	82.7	308 700*b													20.0
22.0	61.4	81.6	293 900*b													22.0
24.0	56.3	80.2	273 800*													24.0
26.0	50.9	78.6	254 300*	63.2	81.3	271 900*b										26.0
28.0	45.0	76.5	228 700*	58.2	80.0	251 700*										28.0
30.0	38.3	74.0	205 900*	53.0	78.5	234 200*										30.0
32.0	30.2	70.7	172 700*	47.3	76.6	218 700*	59.9	79.3	211 600*							32.0
34.0				40.9	74.3	205 100*	54.8	77.9	198 500*							34.0
36.0				33.5	71.4	191 900*	49.2	76.1	186 700*							36.0
38.0				23.8	67.2	160 300*	43.1	74.0	176 100*							38.0
40.0							36.1	71.3	166 400*	50.8	75.1	161 000*				40.0
42.0							27.4	67.6	157 600*	44.9	73.1	152 600*				42.0
44.0							13.4	61.2	136 600*	38.1	70.6	144 900*				44.0
46.0										30.0	67.2	137 800*	46.1	71.6	132 700*	46.0
48.0										18.5	62.1	131 000*	39.6	69.2	125 900*	48.0
50.0													31.8	66.0	119 600*	50.0
52.0													21.3	61.4	113 500*	52.0

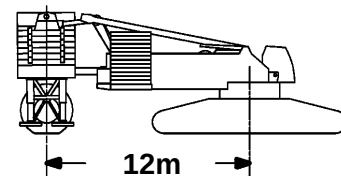
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	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	264 000*(b)													22.0
24.0	63.2	87.4	249 500*													24.0
26.0	59.2	86.2	234 500*													26.0
28.0	55.0	84.8	219 600*	64.6	87.1	251 100*										28.0
30.0	50.5	83.1	205 300*	60.7	86.0	233 500*										30.0
32.0	45.8	81.2	191 800*	56.6	84.6	218 200*										32.0
34.0	40.5	78.9	175 400*	52.2	83.1	204 600*	62.0	85.2	197 700*							34.0
36.0	34.6	76.0	161 300*	47.6	81.2	192 400*	58.0	83.9	185 900*							36.0
38.0	27.4	72.3	144 600*	42.5	79.0	181 300*	53.7	82.5	175 400*							38.0
40.0				36.9	76.4	166 600*	49.2	80.7	165 900*							40.0
42.0				30.3	73.1	153 600*	44.3	78.7	157 300*	54.9	81.3	151 900*				42.0
44.0				21.7	68.5	135 800*	38.9	76.2	149 400*	50.4	79.7	144 200*				44.0
46.0							32.6	73.2	142 100*	45.7	77.7	137 200*				46.0
48.0							24.9	69.1	135 300*	40.4	75.4	130 800*				48.0
50.0							12.7	62.3	118 000*	34.4	72.5	124 900*	46.6	76.2	118 700*	50.0
52.0										27.2	68.8	119 300*	41.5	73.9	113 000*	52.0
54.0										17.1	63.2	114 000*	35.7	71.2	107 700*	54.0
56.0													28.8	67.7	102 700*	56.0
58.0													19.6	62.7	97 900*	58.0

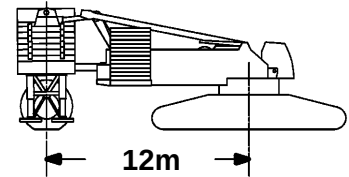
Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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			65 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	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	202 700*													28.0
30.0	57.7	90.9	191 200*	65.6	92.9	232 100*										30.0
32.0	54.1	89.4	179 900*	62.3	91.9	216 700*										32.0
34.0	50.3	87.7	169 000*	59.0	90.6	203 200*										34.0
36.0	46.3	85.8	158 800*	55.4	89.2	191 100*										36.0
38.0	42.0	83.6	149 200*	51.7	87.7	180 300*	60.1	89.9	173 800*							38.0
40.0	37.2	81.0	139 800*	47.8	85.8	168 400*	56.6	88.6	164 400*							40.0
42.0	31.8	77.8	130 000*	43.6	83.7	155 200*	53.0	87.1	155 800*							42.0
44.0	25.3	73.8	116 900*	39.1	81.3	143 800*	49.1	85.3	148 000*							44.0
46.0				33.9	78.4	133 700*	45.1	83.3	140 900*	54.0	85.9	135 700*				46.0
48.0				27.9	74.7	124 600*	40.6	81.0	134 300*	50.2	84.3	129 300*				48.0
50.0				20.2	69.8	111 100*	35.7	78.2	128 200*	46.2	82.3	123 500*				50.0
52.0							30.1	74.9	122 500*	41.9	80.1	118 100*	51.0	82.7	111 000*	52.0
54.0							23.1	70.5	117 200*	37.1	77.5	113 000*	47.0	80.8	105 800*	54.0
56.0							12.3	63.3	100 400*	31.7	74.3	108 300*	42.8	78.7	100 900*	56.0
58.0										25.2	70.3	103 800*	38.1	76.1	96 400*	58.0
60.0										16.1	64.3	99 500*	32.8	73.1	92 200*	60.0
62.0													26.6	69.2	88 200*	62.0
64.0													18.3	63.8	84 300*	64.0

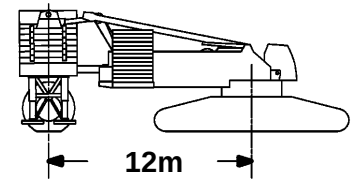
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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

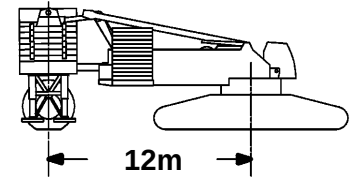
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	209 300*										32.0
34.0	56.5	95.5	158 800*	63.5	97.7	202 900*										34.0
36.0	53.4	94.0	150 100*	60.6	96.6	190 200*										36.0
38.0	50.1	92.3	141 800*	57.7	95.3	179 400*										38.0
40.0	46.7	90.4	133 900*	54.6	93.9	169 200*	61.6	95.8	163 400*							40.0
42.0	43.0	88.3	126 500*	51.4	92.2	156 000*	58.7	94.6	154 800*							42.0
44.0	39.0	85.8	119 700*	48.0	90.4	144 500*	55.6	93.2	147 000*							44.0
46.0	34.7	83.0	113 600*	44.4	88.4	134 500*	52.5	91.7	139 900*							46.0
48.0	29.7	79.6	107 300*	40.6	86.1	125 500*	49.1	89.9	133 400*	56.5	92.1	128 300*				48.0
50.0	23.8	75.3	96 500*	36.4	83.4	117 400*	45.6	87.9	127 400*	53.3	90.6	122 400*				50.0
52.0				31.6	80.2	110 100*	41.9	85.7	121 800*	50.1	88.9	117 100*				52.0
54.0				26.1	76.3	103 400*	37.8	83.2	116 600*	46.6	87.0	112 100*				54.0
56.0				19.1	71.0	92 800*	33.3	80.2	111 700*	42.9	84.8	107 400*	50.7	87.3	99 600*	56.0
58.0							28.1	76.5	105 800*	38.9	82.4	103 000*	47.3	85.4	95 100*	58.0
60.0							21.7	71.8	99 300*	34.6	79.5	98 900*	43.7	83.3	91 000*	60.0
62.0							12.0	64.4	84 900*	29.6	76.1	94 800*	39.8	80.9	87 100*	62.0
64.0										23.6	71.7	90 800*	35.5	78.2	83 400*	64.0
66.0										15.3	65.4	86 800*	30.6	74.9	79 900*	66.0
68.0													24.9	70.7	76 600*	68.0
70.0													17.3	65.0	73 400*	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
 390 090 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

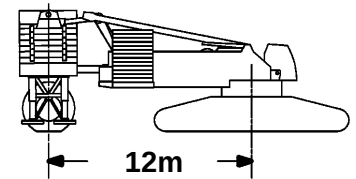
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	181 600*										34.0
36.0	58.3	101.5	140 500*	64.4	103.6	178 600*										36.0
38.0	55.7	100.1	133 600*	61.9	102.5	173 100*										38.0
40.0	52.9	98.6	126 900*	59.3	101.3	167 200*										40.0
42.0	50.0	96.9	120 400*	56.7	99.9	155 600*										42.0
44.0	47.0	95.1	114 200*	53.9	98.5	143 900*	60.2	100.5	145 400*							44.0
46.0	43.8	93.0	108 400*	51.1	96.8	133 800*	57.6	99.2	138 300*							46.0
48.0	40.4	90.6	103 000*	48.1	95.0	124 800*	54.9	97.8	131 900*							48.0
50.0	36.7	87.9	98 000*	45.0	93.0	116 800*	52.0	96.3	125 900*							50.0
52.0	32.6	84.9	93 600*	41.7	90.8	109 600*	49.1	94.5	120 300*	55.6	96.7	115 400*				52.0
54.0	28.0	81.2	89 000*	38.1	88.2	103 000*	46.0	92.6	115 200*	52.8	95.2	110 500*				54.0
56.0	22.5	76.6	80 000*	34.2	85.3	97 000*	42.8	90.4	110 400*	49.9	93.5	105 900*				56.0
58.0				29.8	81.9	91 500*	39.3	88.0	105 300*	46.9	91.6	101 500*				58.0
60.0				24.7	77.8	86 300*	35.5	85.2	99 100*	43.7	89.5	97 100*	50.5	91.9	88 800*	60.0
62.0				18.2	72.2	77 600*	31.3	82.0	93 500*	40.3	87.1	93 000*	47.5	90.0	85 000*	62.0
64.0				5.9	61.3	57 800*	26.5	78.1	88 300*	36.6	84.5	89 100*	44.3	88.0	81 400*	64.0
66.0							20.6	73.1	83 200*	32.5	81.4	85 400*	41.0	85.7	78 000*	66.0
68.0							11.8	65.4	71 900*	27.9	77.7	82 000*	37.3	83.1	74 800*	68.0
70.0										22.4	73.1	78 600*	33.4	80.1	71 800*	70.0
72.0										14.8	66.5	75 000*	28.9	76.6	68 900*	72.0
74.0													23.6	72.2	66 100*	74.0
76.0													16.6	66.2	63 400*	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
390 090 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

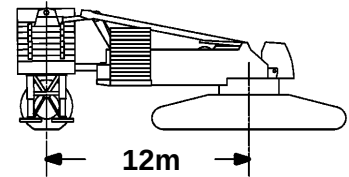
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	73.0	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	154 500*										38.0
40.0	57.4	106.2	119 300*	62.9	108.3	151 200*										40.0
42.0	55.0	104.8	113 800*	60.6	107.2	147 400*										42.0
44.0	52.5	103.2	108 500*	58.3	105.9	142 900*										44.0
46.0	49.9	101.5	103 400*	55.9	104.6	133 300*	61.4	106.4	137 200*							46.0
48.0	47.2	99.7	98 500*	53.4	103.1	124 400*	59.1	105.2	130 700*							48.0
50.0	44.3	97.6	93 800*	50.9	101.4	116 300*	56.7	103.9	124 700*							50.0
52.0	41.4	95.3	89 500*	48.2	99.7	109 100*	54.2	102.4	119 300*							52.0
54.0	38.2	92.8	85 400*	45.4	97.7	102 500*	51.7	100.9	114 100*							54.0
56.0	34.7	90.0	81 700*	42.5	95.5	96 600*	49.1	99.1	109 300*	54.9	101.3	104 700*				56.0
58.0	30.9	86.7	78 400*	39.4	93.1	91 100*	46.4	97.2	104 800*	52.4	99.8	100 100*				58.0
60.0	26.6	82.8	74 900*	36.0	90.3	86 100*	43.5	95.1	98 600*	49.8	98.1	95 700*				60.0
62.0	21.4	78.0	67 200*	32.4	87.2	81 400*	40.4	92.7	93 000*	47.1	96.2	91 600*				62.0
64.0	14.5	71.2	55 500*	28.3	83.6	77 200*	37.2	90.1	87 800*	44.3	94.2	87 800*	50.3	96.5	79 900*	64.0
66.0				23.5	79.2	72 900*	33.6	87.2	83 100*	41.3	91.9	84 200*	47.7	94.6	76 500*	66.0
68.0				17.4	73.4	65 600*	29.7	83.7	78 700*	38.1	89.3	80 700*	44.9	92.6	73 400*	68.0
70.0				6.7	62.7	49 600*	25.2	79.6	74 600*	34.6	86.5	77 500*	41.9	90.4	70 400*	70.0
72.0							19.7	74.4	70 500*	30.8	83.2	74 500*	38.7	87.9	67 600*	72.0
74.0							11.6	66.5	61 500*	26.5	79.3	71 500*	35.3	85.1	64 900*	74.0
76.0										21.3	74.4	68 700*	31.6	81.9	62 300*	76.0
78.0										14.3	67.6	65 600*	27.4	78.2	59 900*	78.0
80.0													22.4	73.6	57 500*	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
 390 090 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

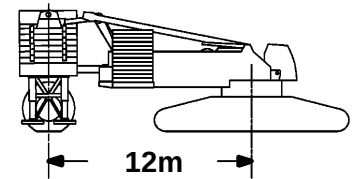
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	132 500*										40.0
42.0	58.8	112.2	106 500*	63.7	114.2	130 400*										42.0
44.0	56.6	110.8	102 200*	61.6	113.1	126 600*										44.0
46.0	54.4	109.4	97 900*	59.6	111.9	122 900*										46.0
48.0	52.1	107.8	93 600*	57.4	110.6	118 900*										48.0
50.0	49.8	106.1	89 600*	55.2	109.2	114 900*	60.3	111.2	123 100*							50.0
52.0	47.4	104.3	85 600*	53.0	107.7	108 100*	58.1	109.9	117 700*							52.0
54.0	44.8	102.3	81 900*	50.7	106.0	101 500*	56.0	108.5	112 600*							54.0
56.0	42.2	100.1	78 400*	48.3	104.2	95 600*	53.8	107.1	107 800*							56.0
58.0	39.3	97.6	75 000*	45.8	102.3	90 100*	51.5	105.5	103 400*	56.6	107.4	97 900*				58.0
60.0	36.3	94.9	71 900*	43.2	100.2	85 100*	49.1	103.7	97 600*	54.4	105.9	93 600*				60.0
62.0	33.1	91.9	69 100*	40.4	97.8	80 500*	46.6	101.8	91 900*	52.1	104.4	89 500*				62.0
64.0	29.5	88.4	66 600*	37.5	95.2	76 200*	44.0	99.7	86 800*	49.7	102.7	85 700*				64.0
66.0	25.4	84.3	63 200*	34.3	92.3	72 300*	41.3	97.5	82 100*	47.3	100.8	82 100*				66.0
68.0	20.6	79.3	56 300*	30.9	89.0	68 600*	38.5	95.0	77 700*	44.8	98.8	78 800*	50.2	101.1	71 200*	68.0
70.0	14.1	72.3	46 500*	27.0	85.2	65 100*	35.4	92.2	73 700*	42.1	96.6	75 600*	47.8	99.2	68 300*	70.0
72.0				22.5	80.6	61 600*	32.1	89.0	69 900*	39.3	94.1	72 600*	45.3	97.3	65 500*	72.0
74.0				16.8	74.6	55 300*	28.4	85.4	66 400*	36.3	91.4	69 700*	42.6	95.1	62 800*	74.0
76.0				7.2	64.0	42 000*	24.1	81.1	63 000*	33.0	88.4	67 000*	39.8	92.7	60 300*	76.0
78.0							18.9	75.7	59 500*	29.4	84.9	64 400*	36.9	90.1	58 000*	78.0
80.0							11.4	67.6	52 300*	25.3	80.8	61 900*	33.7	87.1	55 700*	80.0
84.0										13.9	68.7	56 900*	26.2	79.7	51 400*	84.0
88.0													15.5	68.5	47 300*	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
390 090 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

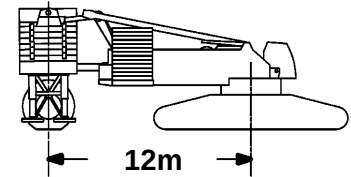
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	114 300*										44.0
46.0	58.0	116.8	91 700*	62.5	118.9	111 500*										46.0
48.0	56.0	115.5	88 200*	60.6	117.8	108 000*										48.0
50.0	54.0	114.0	84 800*	58.7	116.6	104 400*										50.0
52.0	51.9	112.4	81 400*	56.7	115.2	100 900*	61.2	117.1	108 200*							52.0
54.0	49.7	110.7	78 100*	54.7	113.8	97 200*	59.3	115.8	105 800*							54.0
56.0	47.5	108.9	74 900*	52.7	112.3	93 600*	57.4	114.6	102 300*							56.0
58.0	45.2	106.9	71 900*	50.5	110.6	89 000*	55.4	113.2	99 000*							58.0
60.0	42.8	104.7	69 000*	48.3	108.8	84 000*	53.3	111.7	95 500*							60.0
62.0	40.3	102.4	66 300*	46.1	106.9	79 400*	51.2	110.1	91 000*	55.9	112.0	87 900*				62.0
64.0	37.6	99.8	63 700*	43.7	104.8	75 200*	49.1	108.3	85 700*	53.9	110.5	84 200*				64.0
66.0	34.7	96.9	61 300*	41.2	102.6	71 300*	46.8	106.4	81 000*	51.8	109.0	80 600*				66.0
68.0	31.7	93.7	59 200*	38.6	100.1	67 600*	44.5	104.4	76 600*	49.7	107.3	77 300*				68.0
70.0	28.3	90.1	56 800*	35.8	97.3	64 200*	42.1	102.2	72 600*	47.5	105.4	74 100*				70.0
72.0	24.4	85.8	53 200*	32.8	94.2	61 000*	39.5	99.8	68 900*	45.2	103.4	71 100*	50.1	105.7	63 900*	72.0
74.0	19.8	80.6	47 400*	29.6	90.8	58 000*	36.8	97.1	65 400*	42.7	101.3	68 300*	47.9	103.8	61 300*	74.0
76.0	13.8	73.4	39 000*	25.9	86.8	55 100*	33.9	94.2	62 100*	40.2	98.9	65 600*	45.6	101.9	58 800*	76.0
78.0				21.7	82.0	52 000*	30.7	90.8	59 000*	37.5	96.3	63 100*	43.2	99.8	56 500*	78.0
80.0				16.3	75.7	46 800*	27.2	87.0	56 200*	34.7	93.4	60 600*	40.7	97.4	54 200*	80.0
84.0							18.3	76.9	50 400*	28.2	86.6	56 100*	35.3	92.1	50 000*	84.0
88.0										19.7	77.1	51 600*	28.9	85.4	46 200*	88.0
92.0													20.7	76.3	42 600*	92.0
96.0													3.0	55.0	38 900*	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
 390 090 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

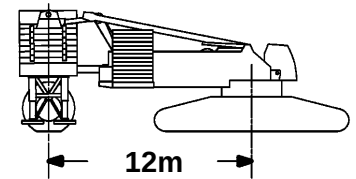
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	87 300*	62.0	122.9	92 700*							54.0
56.0	51.6	117.0	71 000*	56.1	119.9	84 000*	60.3	121.8	91 300*							56.0
58.0	49.7	115.3	68 300*	54.3	118.4	80 800*	58.5	120.5	88 400*							58.0
60.0	47.6	113.5	65 700*	52.4	116.9	77 500*	56.7	119.2	85 400*							60.0
62.0	45.5	111.5	63 300*	50.4	115.2	74 400*	54.9	117.8	82 200*							62.0
64.0	43.3	109.4	60 900*	48.4	113.5	71 300*	53.0	116.3	79 100*	57.2	118.0	82 000*				64.0
66.0	41.0	107.1	58 600*	46.3	111.5	68 200*	51.1	114.7	76 000*	55.4	116.7	78 500*				66.0
68.0	38.6	104.6	56 500*	44.2	109.5	65 300*	49.1	112.9	72 900*	53.5	115.2	75 200*				68.0
70.0	36.1	101.9	54 500*	41.9	107.2	62 400*	47.0	111.1	69 900*	51.6	113.6	72 000*				70.0
72.0	33.4	98.9	52 600*	39.5	104.8	59 700*	44.9	109.0	66 900*	49.6	111.9	69 100*				72.0
74.0	30.4	95.5	50 300*	37.1	102.2	56 800*	42.7	106.9	64 000*	47.6	110.0	66 300*	52.0	111.9	59 100*	74.0
76.0	27.2	91.7	47 800*	34.4	99.3	54 000*	40.3	104.5	60 900*	45.5	108.1	63 700*	50.0	110.3	56 700*	76.0
78.0	23.6	87.3	44 400*	31.6	96.1	51 300*	37.9	102.0	57 900*	43.3	105.9	61 100*	48.0	108.5	54 300*	78.0
80.0	19.2	81.9	39 500*	28.5	92.5	48 800*	35.3	99.2	55 000*	41.0	103.6	58 700*	45.9	106.5	52 100*	80.0
84.0				20.9	83.3	43 800*	29.5	92.6	49 800*	36.0	98.4	54 300*	41.5	102.2	48 000*	84.0
88.0				7.8	66.4	29 600*	22.4	83.9	44 900*	30.4	92.0	50 200*	36.6	97.0	44 200*	88.0
92.0							11.2	69.7	37 500*	23.5	83.8	45 800*	31.0	90.8	40 800*	92.0
96.0										13.3	70.9	40 700*	24.2	82.8	37 600*	96.0
100.0													14.7	70.7	34 500*	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
390 090 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

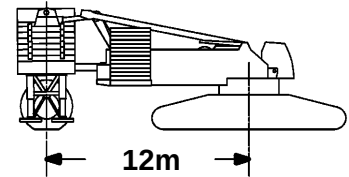
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	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	76 400*							58.0
60.0	51.4	121.6	59 400*	55.6	124.5	67 000*	59.5	126.5	73 700*							60.0
62.0	49.6	119.9	56 800*	53.9	123.1	64 200*	57.9	125.2	71 000*							62.0
64.0	47.7	118.1	54 200*	52.1	121.5	61 400*	56.2	123.9	68 100*							64.0
66.0	45.8	116.2	51 700*	50.3	119.8	58 700*	54.5	122.4	65 400*							66.0
68.0	43.8	114.1	49 300*	48.4	118.1	56 000*	52.7	120.9	62 700*	56.6	122.7	68 200*				68.0
70.0	41.7	111.8	47 000*	46.5	116.2	53 500*	50.9	119.3	60 000*	54.9	121.3	65 600*				70.0
72.0	39.5	109.4	44 700*	44.5	114.1	51 000*	49.1	117.5	57 300*	53.2	119.8	63 100*				72.0
74.0	37.2	106.8	42 500*	42.5	111.9	48 600*	47.2	115.7	54 700*	51.4	118.2	60 500*				74.0
76.0	34.8	103.9	40 400*	40.3	109.6	46 300*	45.2	113.7	52 200*	49.6	116.5	57 900*				76.0
78.0	32.2	100.8	38 400*	38.1	107.0	44 000*	43.2	111.5	49 800*	47.7	114.6	55 400*	51.8	116.6	52 700*	78.0
80.0	29.4	97.3	36 500*	35.7	104.3	41 800*	41.0	109.2	47 400*	45.7	112.7	53 000*	49.9	114.9	50 500*	80.0
84.0	22.8	88.7	32 900*	30.4	97.9	37 700*	36.5	104.1	43 000*	41.6	108.3	48 200*	46.1	111.1	46 400*	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	43 800*	42.1	106.9	42 700*	88.0
92.0				15.5	78.0	30 500*	25.3	90.2	35 000*	32.1	97.3	39 600*	37.6	101.9	39 300*	92.0
96.0							17.3	79.3	31 500*	26.2	89.8	35 700*	32.6	96.0	36 200*	96.0
100.0										18.6	79.6	32 300*	26.9	88.7	33 200*	100.0
104.0													19.5	78.8	30 400*	104.0
108.0													5.2	58.9	27 500*	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
 390 090 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

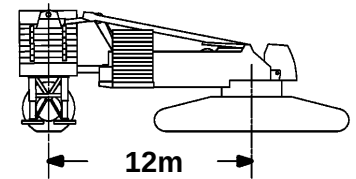
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	
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	55 100*				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	52 700*				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	50 400*				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	48 100*				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	45 700*				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	41 200*	49.9	119.5	44 300*	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	36 900*	46.3	115.7	40 600*	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	32 900*	42.6	111.5	37 200*	92.0
96.0				19.7	85.9	21 100*	27.6	95.9	25 000*	33.5	102.4	29 100*	38.5	106.7	33 300*	96.0
100.0				8.2	68.7	17 500*	21.0	86.7	21 800*	28.4	95.4	25 700*	34.0	101.1	29 600*	100.0
104.0							11.1	71.8	19 000*	22.0	86.6	22 400*	28.9	94.3	26 100*	104.0
108.0										12.9	73.1	19 600*	22.7	85.6	22 900*	108.0
112.0													14.1	72.9	20 000*	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
390 090 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

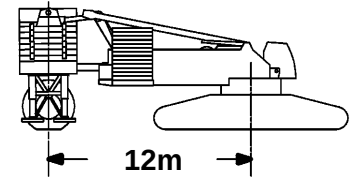
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	
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	46 100*				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	43 900*				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	41 700*				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	39 500*				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	35 200*				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*	49.8	124.1	35 300*	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*	46.5	120.4	31 300*	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*	43.0	116.2	27 500*	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*	39.3	111.5	23 900*	100.0
104.0				14.9	80.3	10 400*	23.8	93.1	13 600*	30.1	100.9	17 000*	35.2	106.0	20 600*	104.0
108.0							16.5	81.7	11 000*	24.7	92.8	14 100*	30.6	99.6	17 400*	108.0
112.0										17.7	82.0	11 500*	25.3	91.8	14 500*	112.0
116.0													18.5	81.4	11 800*	116.0
120.0													6.3	61.7	9 600*	120.0

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
 390 090 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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.3	90.3	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	243 700*													24.0
26.0	46.2	83.2	200 500*	52.4	85.1	227 800*	65.7	87.8	269 100*b										26.0
28.0	39.7	80.9	188 100*	46.6	83.2	212 900*	60.9	86.7	249 100*b										28.0
30.0	32.0	77.8	173 500*	40.2	80.8	199 500*	55.8	85.3	231 800*										30.0
32.0	21.7	73.2	139 800*	32.6	77.8	184 100*	50.4	83.6	216 500*										32.0
34.0				22.5	73.4	145 800*	44.4	81.6	203 000*	58.8	84.9	195 400*b							34.0
36.0							37.6	79.0	190 800*	53.6	83.4	183 700*							36.0
38.0							29.3	75.6	179 800*	48.0	81.6	173 200*							38.0
40.0										41.7	79.4	163 800*	56.4	82.5	157 500*				40.0
42.0										34.5	76.5	155 200*	51.0	80.9	149 200*				42.0
44.0										25.2	72.5	147 200*	45.1	78.9	141 700*				44.0
46.0													38.5	76.4	134 800*				46.0
48.0													30.4	73.1	128 300*	47.8	77.7	123 400*	48.0
50.0													19.1	68.1	122 300*	41.5	75.4	117 800*	50.0
52.0																34.2	72.6	112 500*	52.0
54.0																24.8	68.5	107 500*	54.0

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

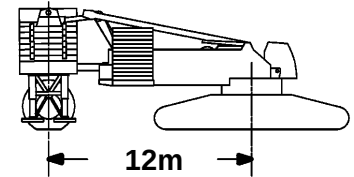
Capacities indicated by **(c)** require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	73.7	96.2	240 000*																16.8
18.0	71.5	95.8	233 400*																18.0
20.0	67.8	94.9	221 900*	71.7	95.6	244 300*													20.0
22.0	64.0	93.9	209 600*	68.0	94.8	233 900*													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	248 400*										28.0
30.0	46.8	87.9	162 400*	51.8	89.7	185 200*	62.8	92.6	231 000*										30.0
32.0	41.6	85.6	152 700*	47.1	87.8	173 700*	58.8	91.4	215 800*										32.0
34.0	35.9	82.9	144 500*	42.0	85.6	163 200*	54.6	89.9	202 300*										34.0
36.0	29.0	79.4	138 000*	36.2	82.9	154 000*	50.1	88.2	190 400*										36.0
38.0	19.9	74.5	119 400*	29.5	79.5	146 400*	45.3	86.2	179 600*	57.1	89.5	172 500*							38.0
40.0				20.6	74.7	125 100*	40.0	83.9	169 800*	52.8	88.0	163 100*							40.0
42.0							33.9	81.0	160 100*	48.2	86.2	154 600*							42.0
44.0							26.6	77.2	148 400*	43.2	84.1	146 900*	55.1	87.1	140 900*				44.0
46.0										37.6	81.5	139 700*	50.6	85.5	134 000*				46.0
48.0										31.2	78.3	133 100*	45.9	83.5	127 800*				48.0
50.0										22.9	73.9	127 000*	40.6	81.2	122 000*				50.0
52.0													34.7	78.4	116 600*	48.0	82.3	111 700*	52.0
54.0													27.6	74.7	111 500*	43.0	80.2	107 000*	54.0
56.0													17.6	69.2	106 700*	37.5	77.6	102 500*	56.0
58.0																30.9	74.3	98 300*	58.0
60.0																22.6	69.9	93 800*	60.0

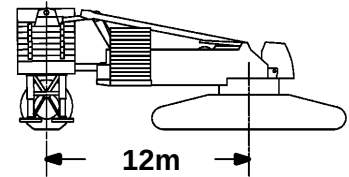
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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			65 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	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	211 800*										32.0
34.0	47.1	92.5	134 000*	51.3	94.3	153 000*	60.8	97.3	201 200*										34.0
36.0	42.9	90.3	126 500*	47.4	92.4	144 200*	57.3	96.0	189 000*										36.0
38.0	38.2	87.8	119 800*	43.2	90.3	135 900*	53.7	94.5	178 300*										38.0
40.0	33.0	84.8	114 100*	38.5	87.8	128 500*	49.9	92.8	168 600*	59.4	95.5	161 500*							40.0
42.0	26.8	81.0	109 800*	33.3	84.8	122 100*	45.9	90.9	159 800*	55.9	94.2	153 100*							42.0
44.0	18.5	75.7	98 500*	27.2	81.1	116 800*	41.5	88.6	149 700*	52.2	92.6	145 400*							44.0
46.0				19.2	75.9	104 300*	36.7	86.0	138 900*	48.3	90.8	138 400*							46.0
48.0							31.3	82.8	129 300*	44.2	88.7	131 900*	54.2	91.7	126 200*				48.0
50.0							24.6	78.6	120 600*	39.6	86.3	125 900*	50.4	90.1	120 400*				50.0
52.0										34.6	83.5	120 400*	46.4	88.2	115 100*				52.0
54.0										28.7	80.0	115 200*	42.1	85.9	110 200*				54.0
56.0										21.3	75.2	110 300*	37.3	83.3	105 600*	48.2	86.9	100 800*	56.0
58.0													32.0	80.2	101 300*	44.0	84.8	96 300*	58.0
60.0													25.5	76.2	97 200*	39.5	82.4	92 100*	60.0
62.0													16.6	70.4	93 300*	34.4	79.5	88 200*	62.0
64.0																28.5	76.0	84 400*	64.0
66.0																21.0	71.2	80 800*	66.0

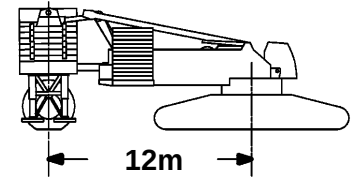
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.2	108.1	177 000*																19.8
20.0	74.0	108.0	176 500*																20.0
22.0	71.3	107.3	170 700*																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	189 500*										32.0
34.0	54.0	100.6	126 100*	57.3	102.0	143 600*	65.0	104.3	184 800*										34.0
36.0	50.8	98.9	119 200*	54.2	100.5	136 000*	62.2	103.2	178 900*										36.0
38.0	47.4	97.1	112 800*	51.0	98.9	128 700*	59.3	102.0	172 200*										38.0
40.0	43.8	95.0	106 800*	47.6	97.0	121 800*	56.2	100.6	164 900*										40.0
42.0	39.9	92.6	101 400*	44.0	95.0	115 300*	53.1	99.1	157 400*	61.0	101.5	152 000*							42.0
44.0	35.6	89.9	96 700*	40.1	92.6	109 400*	49.8	97.4	149 700*	58.0	100.2	144 400*							44.0
46.0	30.8	86.6	92 700*	35.9	89.9	104 000*	46.3	95.5	139 700*	55.0	98.8	137 400*							46.0
48.0	25.1	82.5	89 600*	31.1	86.6	99 400*	42.6	93.3	130 100*	51.8	97.2	130 900*							48.0
50.0	17.6	76.8	81 900*	25.5	82.6	95 700*	38.6	90.8	121 500*	48.4	95.4	125 000*							50.0
52.0				18.1	77.1	86 900*	34.2	87.9	113 900*	44.8	93.4	119 500*	53.5	96.3	114 100*				52.0
54.0							29.2	84.5	106 900*	41.0	91.1	114 400*	50.2	94.7	109 200*				54.0
56.0							23.1	80.0	99 900*	36.9	88.5	109 700*	46.7	92.8	104 700*				56.0
58.0										32.2	85.3	105 200*	43.1	90.6	100 400*	51.7	93.3	94 900*	58.0
60.0										26.9	81.5	101 000*	39.1	88.2	96 400*	48.3	91.5	90 800*	60.0
62.0										20.1	76.5	97 000*	34.8	85.3	92 700*	44.7	89.5	86 900*	62.0
64.0										8.3	67.4	82 000*	29.8	81.9	89 100*	40.9	87.2	83 300*	64.0
66.0													23.9	77.7	85 800*	36.8	84.5	79 800*	66.0
68.0													15.8	71.5	82 500*	32.1	81.4	76 600*	68.0
70.0																26.7	77.6	73 500*	70.0
72.0																19.8	72.5	70 400*	72.0

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

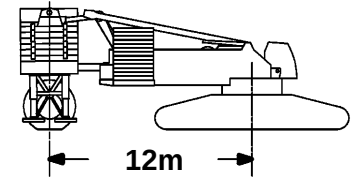


Liftcrane Luffing Jib Capacities

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
 390 090 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			65 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	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	161 300*										36.0
38.0	53.5	105.2	106 200*	56.4	106.6	121 000*	63.2	109.1	157 100*										38.0
40.0	50.6	103.6	100 800*	53.6	105.1	115 100*	60.7	107.9	152 100*										40.0
42.0	47.6	101.7	95 800*	50.8	103.5	109 400*	58.1	106.7	146 600*										42.0
44.0	44.4	99.7	91 100*	47.8	101.6	103 800*	55.4	105.3	140 800*										44.0
46.0	41.1	97.4	86 700*	44.6	99.6	98 700*	52.6	103.7	134 800*	59.6	106.2	135 700*							46.0
48.0	37.4	94.8	82 800*	41.3	97.3	93 900*	49.7	102.0	128 700*	57.0	104.8	129 300*							48.0
50.0	33.5	91.8	79 300*	37.7	94.8	89 500*	46.7	100.1	121 300*	54.3	103.4	123 500*							50.0
52.0	29.0	88.3	76 500*	33.7	91.8	85 600*	43.4	98.0	113 500*	51.4	101.8	118 000*							52.0
54.0	23.7	83.9	74 300*	29.3	88.3	82 200*	40.0	95.6	106 600*	48.5	100.0	113 000*	55.7	102.5	107 600*				54.0
56.0	16.8	78.0	68 500*	24.1	84.1	79 500*	36.3	92.9	100 300*	45.4	98.0	108 200*	52.9	100.9	103 000*				56.0
58.0				17.3	78.3	72 600*	32.2	89.8	94 500*	42.1	95.8	103 900*	50.1	99.3	98 800*				58.0
60.0							27.5	86.1	89 200*	38.5	93.3	99 700*	47.0	97.4	94 900*				60.0
62.0							21.9	81.4	83 500*	34.7	90.5	95 800*	43.8	95.3	91 200*	51.3	97.9	84 700*	62.0
64.0							14.0	74.6	73 000*	30.4	87.1	92 200*	40.4	93.0	87 700*	48.4	96.1	81 100*	64.0
66.0										25.4	83.1	87 400*	36.8	90.3	84 400*	45.3	94.1	77 700*	66.0
68.0										19.1	77.7	82 200*	32.7	87.2	81 300*	42.0	91.9	74 500*	68.0
70.0										8.6	68.5	69 800*	28.1	83.6	78 400*	38.4	89.4	71 500*	70.0
72.0													22.6	79.1	75 500*	34.6	86.5	68 700*	72.0
74.0													15.2	72.6	72 800*	30.2	83.2	66 000*	74.0
76.0																25.2	79.1	63 400*	76.0
78.0																18.9	73.7	60 800*	78.0

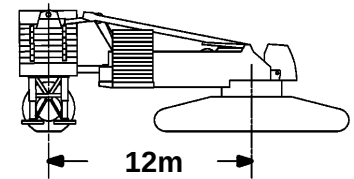
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	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	140 700*										38.0
40.0	55.5	111.3	95 300*	58.0	112.6	108 300*	64.1	114.9	138 300*										40.0
42.0	53.0	109.8	90 900*	55.6	111.2	103 500*	61.8	113.8	134 600*										42.0
44.0	50.4	108.2	86 600*	53.1	109.7	98 800*	59.5	112.6	130 600*										44.0
46.0	47.7	106.3	82 500*	50.6	108.1	94 200*	57.2	111.3	126 200*										46.0
48.0	44.9	104.3	78 700*	47.9	106.2	89 800*	54.7	109.9	121 500*	60.9	112.1	128 200*							48.0
50.0	42.0	102.1	75 200*	45.1	104.2	85 600*	52.2	108.3	116 700*	58.6	110.8	122 300*							50.0
52.0	38.8	99.6	72 000*	42.2	102.1	81 700*	49.6	106.6	111 800*	56.2	109.5	116 900*							52.0
54.0	35.4	96.8	69 000*	39.0	99.6	78 100*	46.9	104.7	106 300*	53.7	108.0	111 900*							54.0
56.0	31.7	93.7	66 500*	35.7	96.8	74 800*	44.1	102.7	99 900*	51.2	106.4	107 200*							56.0
58.0	27.5	89.9	64 300*	32.0	93.7	71 800*	41.1	100.4	94 100*	48.5	104.6	102 800*	55.0	107.1	97 600*				58.0
60.0	22.6	85.3	62 800*	27.8	90.0	69 300*	37.8	97.8	88 900*	45.8	102.7	98 700*	52.5	105.6	93 700*				60.0
62.0	16.2	79.2	58 000*	22.9	85.5	67 300*	34.4	94.9	84 000*	42.9	100.5	94 900*	49.9	103.9	90 100*				62.0
64.0				16.6	79.4	61 300*	30.5	91.6	79 500*	39.8	98.1	91 300*	47.2	102.0	86 600*				64.0
66.0							26.1	87.7	75 400*	36.5	95.4	87 100*	44.4	100.0	83 400*	51.1	102.5	76 200*	66.0
68.0							20.9	82.7	70 600*	32.8	92.4	82 300*	41.4	97.7	80 300*	48.5	100.7	73 000*	68.0
70.0							13.6	75.6	62 000*	28.8	88.8	78 000*	38.2	95.2	77 400*	45.7	98.7	70 000*	70.0
72.0										24.1	84.5	73 900*	34.8	92.3	74 700*	42.8	96.6	67 300*	72.0
74.0										18.3	79.0	69 700*	31.0	89.1	72 100*	39.7	94.2	64 600*	74.0
76.0										8.8	69.6	59 900*	26.7	85.2	69 600*	36.4	91.5	62 100*	76.0
78.0													21.6	80.4	67 000*	32.7	88.4	59 600*	78.0
80.0													14.7	73.7	64 400*	28.7	84.8	57 300*	80.0
84.0																18.1	74.9	52 900*	84.0

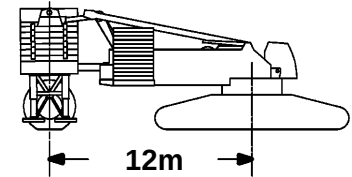


Liftcrane Luffing Jib Capacities

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
 390 090 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

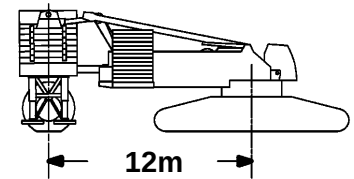
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	121 800*										40.0
42.0	57.1	117.4	85 300*	59.3	118.6	96 700*	64.7	120.7	121 200*										42.0
44.0	54.9	115.9	81 600*	57.2	117.3	92 800*	62.7	119.7	119 000*										44.0
46.0	52.6	114.4	78 100*	55.0	115.8	88 900*	60.7	118.5	115 900*										46.0
48.0	50.3	112.7	74 700*	52.8	114.3	85 100*	58.6	117.3	112 600*										48.0
50.0	47.9	110.9	71 400*	50.4	112.7	81 500*	56.4	116.0	109 000*										50.0
52.0	45.3	108.9	68 300*	48.0	110.9	77 900*	54.2	114.5	105 200*	59.8	116.8	115 300*							52.0
54.0	42.7	106.8	65 400*	45.5	108.9	74 600*	51.9	112.9	101 400*	57.7	115.5	110 200*							54.0
56.0	39.9	104.4	62 800*	42.9	106.7	71 400*	49.6	111.2	97 500*	55.5	114.1	105 600*							56.0
58.0	37.0	101.8	60 300*	40.1	104.4	68 300*	47.1	109.4	92 900*	53.3	112.6	101 200*							58.0
60.0	33.8	98.8	58 100*	37.1	101.7	65 600*	44.6	107.3	87 700*	51.0	111.0	97 200*	56.7	113.2	92 000*				60.0
62.0	30.2	95.4	56 200*	34.0	98.8	63 000*	41.9	105.1	82 900*	48.6	109.2	93 400*	54.5	111.7	88 400*				62.0
64.0	26.3	91.5	54 600*	30.5	95.5	60 800*	39.0	102.6	78 400*	46.1	107.3	89 800*	52.2	110.2	85 000*				64.0
66.0	21.7	86.7	53 400*	26.6	91.6	58 900*	36.0	99.9	74 300*	43.5	105.2	85 900*	49.8	108.5	81 800*				66.0
68.0	15.6	80.3	49 200*	22.0	86.8	57 400*	32.7	96.8	70 500*	40.7	102.9	81 100*	47.4	106.6	78 700*				68.0
70.0				16.1	80.6	51 500*	29.1	93.3	66 900*	37.8	100.3	76 800*	44.9	104.6	75 900*	50.9	107.1	67 800*	70.0
72.0							25.0	89.2	63 600*	34.7	97.4	72 800*	42.2	102.4	73 200*	48.5	105.3	65 100*	72.0
74.0							20.0	84.0	59 500*	31.3	94.2	69 100*	39.4	100.0	70 600*	46.0	103.4	62 400*	74.0
76.0							13.3	76.7	52 300*	27.5	90.5	65 700*	36.4	97.3	67 900*	43.4	101.3	60 000*	76.0
78.0										23.1	86.0	62 400*	33.1	94.2	65 300*	40.7	98.9	57 600*	78.0
80.0										17.6	80.2	58 900*	29.6	90.8	62 800*	37.7	96.4	55 400*	80.0
84.0													20.7	81.7	58 100*	31.2	90.2	51 100*	84.0
88.0																23.0	82.0	47 200*	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
390 090 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			65 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	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	105 000*										46.0
48.0	54.4	120.6	70 600*	56.5	121.9	80 200*	61.6	124.4	103 100*										48.0
50.0	52.3	119.0	67 700*	54.5	120.5	77 100*	59.7	123.2	100 500*										50.0
52.0	50.2	117.3	64 900*	52.4	118.9	74 000*	57.8	122.0	97 800*	62.7	123.8	100 500*							52.0
54.0	48.0	115.5	62 300*	50.3	117.3	71 000*	55.8	120.6	94 900*	60.8	122.7	100 500*							54.0
56.0	45.7	113.6	59 700*	48.1	115.5	68 200*	53.8	119.1	91 800*	58.9	121.5	100 500*							56.0
58.0	43.3	111.4	57 400*	45.8	113.5	65 400*	51.7	117.5	88 700*	57.0	120.2	99 800*							58.0
60.0	40.8	109.1	55 200*	43.4	111.4	62 800*	49.5	115.8	85 600*	55.0	118.7	96 000*							60.0
62.0	38.2	106.6	53 100*	41.0	109.1	60 300*	47.3	114.0	81 900*	52.9	117.2	92 200*							62.0
64.0	35.3	103.8	51 200*	38.3	106.6	57 900*	45.0	112.0	77 400*	50.8	115.6	88 600*	56.0	117.8	83 700*				64.0
66.0	32.3	100.7	49 600*	35.5	103.8	55 800*	42.6	109.8	73 300*	48.6	113.8	84 800*	54.0	116.3	80 500*				66.0
68.0	29.0	97.1	48 100*	32.5	100.7	53 900*	40.0	107.4	69 500*	46.4	111.9	80 100*	51.9	114.8	77 500*				68.0
70.0	25.2	93.0	46 900*	29.2	97.2	52 100*	37.3	104.8	65 900*	44.0	109.8	75 800*	49.8	113.1	74 700*				70.0
72.0	20.9	88.0	45 900*	25.5	93.1	50 600*	34.5	101.9	62 700*	41.5	107.6	71 800*	47.6	111.2	72 000*				72.0
74.0	15.2	81.4	41 300*	21.2	88.2	49 000*	31.3	98.7	59 500*	38.9	105.1	68 100*	45.3	109.2	69 100*	50.7	111.7	60 900*	74.0
76.0				15.6	81.7	43 300*	27.9	95.0	56 600*	36.2	102.4	64 700*	42.8	107.1	66 400*	48.5	109.9	58 400*	76.0
78.0							24.0	90.6	53 800*	33.2	99.4	61 500*	40.3	104.7	63 900*	46.3	108.0	56 000*	78.0
80.0							19.3	85.3	50 500*	30.0	96.0	58 400*	37.7	102.2	61 400*	43.9	105.9	53 800*	80.0
84.0										22.2	87.3	52 900*	31.7	96.1	56 900*	38.9	101.2	49 700*	84.0
88.0										9.1	71.9	43 400*	24.5	88.2	52 700*	33.1	95.4	45 800*	88.0
92.0													13.9	75.9	48 500*	26.3	88.1	42 300*	92.0
96.0																16.9	77.3	39 000*	96.0

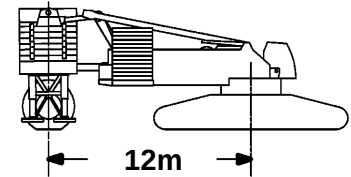


Liftcrane Luffing Jib Capacities

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
 390 090 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

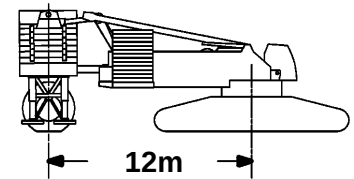
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	81 200*	61.7	128.6	85 900*							56.0
58.0	48.0	120.1	54 600*	50.2	121.9	62 300*	55.3	125.2	78 200*	59.9	127.4	85 800*							58.0
60.0	46.0	118.2	52 500*	48.2	120.1	59 900*	53.4	123.7	75 200*	58.2	126.2	83 100*							60.0
62.0	43.8	116.1	50 500*	46.1	118.1	57 600*	51.5	122.1	72 300*	56.3	124.8	80 300*							62.0
64.0	41.5	113.8	48 700*	43.9	116.1	55 500*	49.5	120.4	69 400*	54.5	123.4	77 400*							64.0
66.0	39.1	111.4	46 900*	41.7	113.8	53 400*	47.4	118.6	66 600*	52.6	121.8	74 500*	57.3	123.8	78 900*				66.0
68.0	36.6	108.7	45 300*	39.3	111.4	51 400*	45.3	116.6	63 800*	50.7	120.2	71 700*	55.5	122.4	75 900*				68.0
70.0	33.9	105.8	43 800*	36.8	108.7	49 600*	43.1	114.5	61 100*	48.6	118.4	68 900*	53.6	120.9	72 800*				70.0
72.0	31.1	102.5	42 500*	34.1	105.8	47 900*	40.8	112.1	58 500*	46.6	116.5	66 100*	51.7	119.4	69 900*				72.0
74.0	27.9	98.8	41 400*	31.2	102.5	46 400*	38.4	109.6	56 000*	44.4	114.5	63 400*	49.7	117.7	67 000*				74.0
76.0	24.3	94.5	40 500*	28.1	98.9	45 000*	35.8	106.9	53 500*	42.2	112.3	60 700*	47.7	115.8	64 400*				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	58 100*	45.6	113.9	61 800*	50.6	116.3	53 800*	78.0
80.0	14.8	82.6	34 000*	20.5	89.5	41 800*	30.1	100.4	48 900*	37.4	107.3	55 600*	43.4	111.7	59 400*	48.6	114.5	51 600*	80.0
84.0							23.2	92.1	44 700*	31.9	101.2	50 900*	38.7	107.0	55 000*	44.4	110.6	47 500*	84.0
88.0							12.8	78.9	37 000*	25.4	93.6	46 400*	33.4	101.2	50 800*	39.8	106.0	43 800*	88.0
92.0										16.6	82.5	42 000*	27.3	94.1	47 100*	34.7	100.5	40 400*	92.0
96.0													19.3	84.3	43 500*	28.8	93.7	37 200*	96.0
100.0																21.3	84.7	34 200*	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
390 090 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			65 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	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	73 900*							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	73 700*							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	72 100*							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	69 400*							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	66 800*							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	64 100*							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	61 500*	56.7	128.5	67 200*				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	58 900*	55.0	127.1	64 900*				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	56 400*	53.3	125.6	62 500*				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	53 900*	51.5	124.0	60 100*				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	51 500*	49.7	122.3	57 600*				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	49 100*	47.8	120.4	55 200*	52.3	122.5	50 000*	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	44 600*	43.8	116.4	50 500*	48.6	119.1	45 900*	84.0
88.0				14.9	84.0	29 100*	26.0	98.2	34 900*	33.5	106.4	40 300*	39.5	111.7	46 000*	44.7	115.2	42 200*	88.0
92.0							18.2	87.8	31 500*	27.8	99.3	36 400*	34.8	106.3	41 700*	40.5	110.7	38 900*	92.0
96.0										20.8	90.1	32 800*	29.4	99.7	37 700*	35.9	105.4	35 700*	96.0
100.0										9.3	74.1	29 100*	22.9	91.1	34 000*	30.7	99.1	32 800*	100.0
104.0													13.4	78.1	30 700*	24.5	91.1	30 100*	104.0
108.0																16.0	79.6	27 500*	108.0

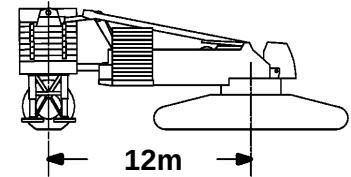


Liftcrane Luffing Jib Capacities

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
 390 090 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

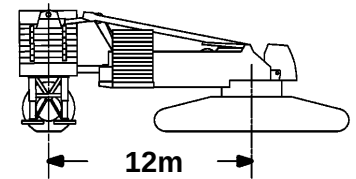
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	63 100*							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	61 300*							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	58 800*							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	56 400*							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	53 900*							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	51 500*							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	49 200*	56.2	133.1	54 500*				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	46 700*	54.6	131.7	52 300*				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	44 400*	53.0	130.2	50 000*				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	47 800*				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	43 300*	52.1	127.2	43 700*	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	39 000*	48.6	123.7	40 100*	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	34 900*	45.0	119.8	36 700*	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	31 000*	41.2	115.4	33 700*	96.0
100.0							12.4	81.1	19 000*	23.8	96.6	23 100*	31.2	105.0	27 400*	37.0	110.3	30 800*	100.0
104.0										15.8	84.9	20 100*	25.5	97.2	24 100*	32.3	104.3	28 200*	104.0
108.0													18.3	86.8	21 000*	26.9	97.0	24 900*	108.0
112.0																20.1	87.3	21 800*	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
390 090 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

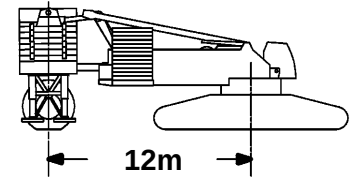
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	43 500*				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	41 400*				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	37 200*				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	33 100*	51.9	131.7	37 500*	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	29 200*	48.7	128.3	33 700*	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	25 400*	45.3	124.5	29 900*	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	21 900*	41.7	120.1	26 200*	100.0
104.0							17.3	90.2	11 100*	26.2	102.6	14 700*	32.6	110.2	18 700*	37.9	115.2	22 700*	104.0
108.0										19.7	92.7	12 000*	27.6	103.0	15 600*	33.6	109.4	19 400*	108.0
112.0										9.4	76.2	9 600*	21.6	93.9	12 800*	28.8	102.6	16 400*	112.0
116.0													13.0	80.3	10 300*	23.1	94.0	13 500*	116.0
120.0																15.3	81.9	11 000*	120.0

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
 390 090 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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	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	246 500*b										28.0
30.0	33.4	84.4	163 300*	42.0	87.6	182 600*	58.5	92.1	229 100*										30.0
32.0	23.7	80.2	142 400*	34.7	84.8	172 800*	53.3	90.6	214 100*										32.0
34.0				25.6	80.8	154 400*	47.6	88.7	200 700*										34.0
36.0							41.3	86.5	188 700*	57.8	90.5	180 500*							36.0
38.0							34.0	83.6	177 900*	52.5	88.9	170 200*							38.0
40.0							24.5	79.5	161 200*	46.7	87.1	160 900*							40.0
42.0										40.3	84.7	152 500*							42.0
44.0										32.7	81.7	144 700*	51.3	86.7	138 300*				44.0
46.0										22.7	77.3	137 500*	45.4	84.7	131 500*				46.0
48.0													38.8	82.2	125 300*				48.0
50.0													30.8	79.0	119 500*	49.5	83.8	114 000*	50.0
52.0																43.4	81.7	109 000*	52.0
54.0																36.5	79.0	104 200*	54.0
56.0																27.9	75.4	99 800*	56.0

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

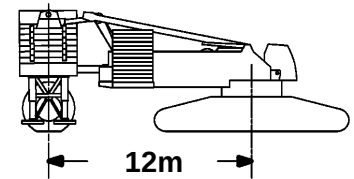
Capacities indicated by (c) require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	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	218 600*										30.0
32.0	42.5	92.1	140 400*	48.4	94.4	159 200*	60.9	98.1	210 300*										32.0
34.0	36.8	89.5	133 200*	43.4	92.3	150 200*	56.8	96.7	200 300*										34.0
36.0	30.2	86.1	127 600*	37.8	89.7	142 200*	52.5	95.2	188 100*										36.0
38.0	21.6	81.5	120 000*	31.4	86.6	135 600*	47.9	93.3	177 500*										38.0
40.0				23.3	82.2	128 200*	42.9	91.2	167 900*	56.2	95.1	160 100*							40.0
42.0							37.3	88.6	159 100*	51.8	93.5	151 800*							42.0
44.0							30.7	85.3	151 000*	47.2	91.7	144 200*							44.0
46.0							22.3	80.8	137 400*	42.1	89.5	137 200*	55.3	92.9	130 700*				46.0
48.0										36.4	86.8	130 700*	50.8	91.3	124 500*				48.0
50.0										29.6	83.4	124 800*	46.1	89.3	118 900*				50.0
52.0										20.8	78.6	119 100*	40.9	87.1	113 600*				52.0
54.0													35.0	84.2	108 700*	49.4	88.4	103 400*	54.0
56.0													27.9	80.6	104 100*	44.5	86.3	99 100*	56.0
58.0																39.1	83.9	95 000*	58.0
60.0																32.9	80.9	91 200*	60.0
62.0																25.3	76.9	87 600*	62.0
64.0																13.6	70.3	84 000*	64.0

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

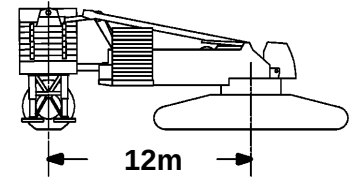
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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			65 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	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	190 100*										32.0
34.0	47.8	98.9	123 300*	52.3	100.8	140 300*	62.5	103.9	184 000*										34.0
36.0	43.6	96.8	116 700*	48.5	99.0	132 700*	59.2	102.7	176 900*										36.0
38.0	39.0	94.3	110 900*	44.3	97.0	125 600*	55.6	101.3	169 200*										38.0
40.0	33.9	91.4	105 900*	39.8	94.6	119 100*	52.0	99.8	161 200*	62.0	102.4	158 500*							40.0
42.0	27.9	87.8	102 000*	34.8	91.7	113 400*	48.1	97.9	153 200*	58.6	101.2	150 200*							42.0
44.0	20.1	82.8	100 000*	29.0	88.2	108 800*	43.9	95.9	145 400*	55.1	99.7	142 600*							44.0
46.0				21.6	83.6	104 500*	39.3	93.4	138 000*	51.4	98.1	135 700*							46.0
48.0							34.3	90.6	131 100*	47.5	96.3	129 400*							48.0
50.0							28.3	87.0	125 000*	43.2	94.2	123 500*	54.3	97.5	117 200*				50.0
52.0							20.7	82.1	112 900*	38.6	91.7	118 100*	50.5	95.9	112 100*				52.0
54.0										33.4	88.7	113 000*	46.6	94.0	107 300*				54.0
56.0										27.3	85.0	108 200*	42.3	91.8	102 800*				56.0
58.0										19.3	79.8	103 700*	37.5	89.2	98 600*	49.3	93.0	93 400*	58.0
60.0													32.2	86.1	94 700*	45.3	91.0	89 600*	60.0
62.0													25.8	82.1	90 900*	40.8	88.7	86 200*	62.0
64.0													17.1	76.4	87 300*	36.0	85.9	82 900*	64.0
66.0																30.4	82.6	79 700*	66.0
68.0																23.5	78.3	76 700*	68.0
70.0																13.0	71.4	73 500*	70.0

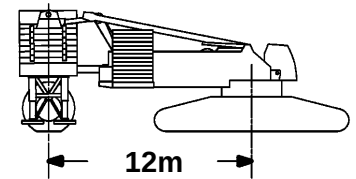
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.6	114.2	159 000*																19.8
20.0	74.4	114.2	158 500*																20.0
22.0	71.7	113.5	153 200*																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	166 400*										34.0
36.0	51.3	105.3	109 400*	55.1	107.0	124 600*	63.7	109.8	161 900*										36.0
38.0	47.9	103.5	103 800*	51.9	105.4	118 300*	60.8	108.7	156 500*										38.0
40.0	44.4	101.4	98 600*	48.5	103.6	112 300*	57.8	107.4	150 500*										40.0
42.0	40.5	99.1	93 900*	45.0	101.6	106 700*	54.8	106.0	144 400*										42.0
44.0	36.3	96.4	89 700*	41.2	99.3	101 500*	51.6	104.3	137 900*	60.4	107.1	141 500*							44.0
46.0	31.6	93.2	86 200*	37.0	96.7	96 600*	48.2	102.6	131 400*	57.4	105.8	134 700*							46.0
48.0	26.1	89.3	83 500*	32.4	93.6	92 500*	44.6	100.5	125 100*	54.3	104.3	128 300*							48.0
50.0	19.0	84.0	82 200*	27.1	89.8	89 200*	40.8	98.2	119 100*	51.1	102.7	122 500*							50.0
52.0				20.4	84.9	86 600*	36.6	95.6	113 300*	47.7	100.9	117 100*	56.7	103.6	110 900*				52.0
54.0							31.9	92.4	108 200*	44.1	98.8	112 100*	53.6	102.2	106 100*				54.0
56.0							26.5	88.5	103 600*	40.2	96.5	107 500*	50.3	100.5	101 700*				56.0
58.0							19.6	83.4	93 800*	36.0	93.7	103 100*	46.9	98.6	97 600*				58.0
60.0										31.2	90.5	99 000*	43.2	96.5	93 700*				60.0
62.0										25.6	86.5	95 100*	39.3	94.0	90 100*	49.3	97.6	85 100*	62.0
64.0										18.3	81.0	91 400*	35.0	91.2	86 600*	45.8	95.6	81 800*	64.0
66.0													30.0	87.8	83 400*	42.0	93.4	78 800*	66.0
68.0													24.2	83.6	80 300*	38.0	90.9	75 700*	68.0
70.0													16.2	77.6	77 300*	33.5	87.9	72 700*	70.0
72.0																28.4	84.3	69 800*	72.0
74.0																22.0	79.7	67 000*	74.0
76.0																12.6	72.4	64 200*	76.0

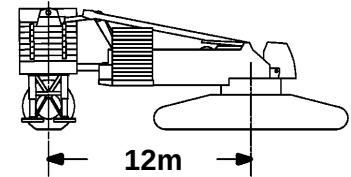
Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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			65 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	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	142 300*										38.0
40.0	51.1	109.9	92 900*	54.4	111.6	105 900*	62.1	114.6	138 300*										40.0
42.0	48.1	108.1	88 400*	51.5	110.0	100 900*	59.5	113.3	133 800*										42.0
44.0	44.9	106.1	84 300*	48.6	108.2	96 100*	56.8	112.0	129 100*										44.0
46.0	41.6	103.8	80 400*	45.5	106.2	91 500*	54.1	110.6	124 000*	61.7	113.0	133 000*							46.0
48.0	38.0	101.3	77 000*	42.2	104.0	87 300*	51.3	108.9	118 800*	59.1	111.8	126 700*							48.0
50.0	34.1	98.4	73 900*	38.7	101.6	83 400*	48.3	107.2	113 600*	56.4	110.4	120 900*							50.0
52.0	29.8	95.0	71 400*	34.8	98.7	79 700*	45.2	105.2	108 500*	53.7	109.0	115 500*							52.0
54.0	24.6	90.8	69 400*	30.5	95.4	76 800*	41.9	102.9	103 600*	50.8	107.3	110 600*							54.0
56.0	18.1	85.2	68 500*	25.6	91.4	74 300*	38.3	100.4	98 900*	47.8	105.5	106 000*	55.8	108.3	100 000*				56.0
58.0				19.3	86.1	72 600*	34.4	97.5	94 500*	44.7	103.5	101 600*	53.1	106.7	95 900*				58.0
60.0							30.1	94.2	90 500*	41.3	101.2	97 600*	50.2	105.1	92 100*				60.0
62.0							25.0	90.0	86 600*	37.7	98.6	93 800*	47.2	103.2	88 500*				62.0
64.0							18.6	84.6	78 400*	33.8	95.7	90 200*	44.0	101.1	85 100*	52.2	103.9	80 000*	64.0
66.0										29.4	92.2	86 900*	40.6	98.8	81 900*	49.3	102.2	76 700*	66.0
68.0										24.2	88.0	83 600*	36.9	96.2	78 900*	46.2	100.2	73 600*	68.0
70.0										17.4	82.2	80 000*	32.9	93.1	76 100*	42.9	98.1	70 600*	70.0
72.0													28.3	89.5	73 300*	39.5	95.7	67 800*	72.0
74.0													22.9	85.0	70 700*	35.7	92.9	65 100*	74.0
76.0													15.6	78.7	68 200*	31.5	89.7	62 600*	76.0
78.0																26.7	85.9	60 100*	78.0
80.0																20.9	81.0	57 700*	80.0

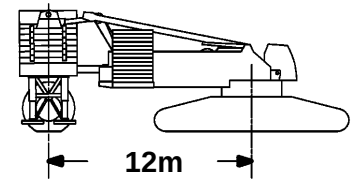
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	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	125 700*										40.0
42.0	53.4	116.2	83 400*	56.3	117.7	95 000*	63.0	120.4	122 700*										42.0
44.0	50.8	114.5	79 600*	53.8	116.2	90 800*	60.8	119.3	119 200*										44.0
46.0	48.2	112.7	76 100*	51.3	114.6	86 800*	58.4	118.0	115 600*										46.0
48.0	45.4	110.7	72 700*	48.6	112.8	82 900*	56.0	116.7	111 600*										48.0
50.0	42.5	108.6	69 600*	45.9	110.9	79 300*	53.6	115.2	107 500*	60.4	117.7	119 700*							50.0
52.0	39.3	106.1	66 700*	43.0	108.7	75 800*	51.0	113.6	103 300*	58.1	116.5	114 400*							52.0
54.0	36.0	103.4	64 100*	39.9	106.3	72 500*	48.4	111.8	99 000*	55.7	115.1	109 400*							54.0
56.0	32.3	100.3	61 900*	36.6	103.7	69 600*	45.6	109.8	94 900*	53.2	113.6	104 800*							56.0
58.0	28.2	96.7	59 900*	33.0	100.6	66 900*	42.7	107.6	90 900*	50.6	111.9	100 600*	57.6	114.3	94 700*				58.0
60.0	23.4	92.2	58 600*	29.0	97.1	64 600*	39.6	105.2	87 000*	48.0	110.1	96 500*	55.1	112.9	90 800*				60.0
62.0	17.4	86.4	58 000*	24.3	92.8	62 800*	36.2	102.5	83 300*	45.2	108.1	92 800*	52.6	111.3	87 300*				62.0
64.0	6.4	75.5	46 100*	18.5	87.3	61 700*	32.6	99.4	79 900*	42.2	105.9	89 300*	50.1	109.7	84 000*				64.0
66.0							28.5	95.8	76 800*	39.1	103.5	85 900*	47.4	107.8	80 800*				66.0
68.0							23.8	91.5	73 300*	35.7	100.7	82 800*	44.5	105.8	77 800*				68.0
70.0							17.8	85.8	66 300*	32.0	97.6	79 800*	41.6	103.5	75 000*	49.2	106.8	69 000*	70.0
72.0										27.9	93.9	76 900*	38.4	101.0	72 300*	46.5	104.9	66 300*	72.0
74.0										23.0	89.4	73 100*	34.9	98.2	69 800*	43.6	102.8	63 600*	74.0
76.0										16.8	83.4	67 900*	31.2	94.9	67 400*	40.6	100.4	61 200*	76.0
78.0													26.9	91.1	65 000*	37.3	97.8	58 800*	78.0
80.0													21.8	86.4	62 800*	33.8	94.9	56 500*	80.0
84.0																25.4	87.4	52 200*	84.0
88.0																12.1	74.6	48 100*	88.0

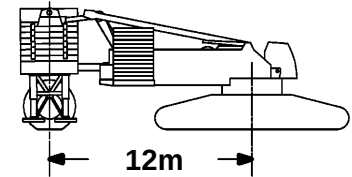


Liftcrane Luffing Jib Capacities

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
 390 090 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

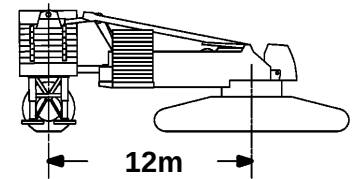
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	106 000*										46.0
48.0	50.7	119.1	68 700*	53.4	120.8	78 300*	59.7	124.0	103 100*										48.0
50.0	48.3	117.3	65 800*	51.1	119.2	75 100*	57.6	122.7	100 100*										50.0
52.0	45.8	115.4	63 000*	48.7	117.4	71 900*	55.4	121.3	96 900*	61.5	123.6	108 000*							52.0
54.0	43.1	113.2	60 400*	46.2	115.5	68 900*	53.1	119.8	93 500*	59.4	122.4	107 000*							54.0
56.0	40.4	110.9	58 100*	43.6	113.4	66 100*	50.8	118.2	90 100*	57.2	121.1	103 400*							56.0
58.0	37.4	108.3	55 900*	40.9	111.1	63 400*	48.4	116.4	86 600*	55.0	119.7	99 000*							58.0
60.0	34.3	105.4	53 900*	37.9	108.5	60 900*	45.9	114.4	83 300*	52.8	118.2	95 000*							60.0
62.0	30.8	102.1	52 200*	34.8	105.7	58 700*	43.3	112.3	80 000*	50.5	116.5	91 300*	56.8	118.9	85 600*				62.0
64.0	27.0	98.3	50 800*	31.4	102.5	56 700*	40.6	110.0	76 800*	48.1	114.7	87 700*	54.6	117.5	82 200*				64.0
66.0	22.5	93.6	49 800*	27.7	98.7	54 900*	37.7	107.4	73 700*	45.5	112.7	84 400*	52.3	116.0	79 100*				66.0
68.0	16.8	87.6	49 200*	23.3	94.3	53 500*	34.5	104.5	70 800*	42.9	110.6	81 300*	49.9	114.3	76 200*				68.0
70.0	7.0	76.8	39 000*	17.9	88.6	52 700*	31.1	101.2	68 100*	40.1	108.2	78 400*	47.5	112.4	73 400*				70.0
72.0							27.3	97.5	65 400*	37.2	105.6	75 500*	45.0	110.4	70 700*	51.6	113.1	64 000*	72.0
74.0							22.8	92.9	61 600*	34.0	102.7	72 100*	42.3	108.2	68 300*	49.2	111.4	61 400*	74.0
76.0							17.2	87.0	55 800*	30.5	99.3	68 400*	39.5	105.8	65 900*	46.7	109.5	58 900*	76.0
78.0										26.6	95.5	64 900*	36.5	103.1	63 600*	44.2	107.4	56 600*	78.0
80.0										22.1	90.8	61 700*	33.3	100.1	61 400*	41.5	105.2	54 400*	80.0
84.0													25.7	92.7	57 400*	35.5	99.9	50 300*	84.0
88.0													14.6	80.9	53 500*	28.5	93.2	46 400*	88.0
92.0																19.2	83.5	42 900*	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
390 090 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			65 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	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	89 800*										52.0
54.0	48.3	121.9	57 300*	50.9	123.8	65 400*	56.8	127.3	87 300*	62.3	129.5	92 800*							54.0
56.0	46.0	120.0	55 000*	48.7	122.0	62 900*	54.8	125.9	84 700*	60.4	128.3	92 800*							56.0
58.0	43.7	117.9	52 900*	46.4	120.1	60 400*	52.8	124.4	81 900*	58.5	127.1	92 800*							58.0
60.0	41.2	115.6	50 900*	44.1	118.1	58 000*	50.7	122.7	79 100*	56.5	125.8	92 500*							60.0
62.0	38.6	113.1	49 100*	41.6	115.8	55 800*	48.5	121.0	76 300*	54.5	124.3	90 300*							62.0
64.0	35.8	110.4	47 400*	39.0	113.3	53 800*	46.2	119.1	73 500*	52.5	122.8	86 600*							64.0
66.0	32.8	107.3	45 900*	36.3	110.6	51 800*	43.8	117.0	70 800*	50.3	121.1	83 300*	56.1	123.6	77 900*				66.0
68.0	29.5	103.8	44 600*	33.3	107.6	50 100*	41.4	114.7	68 200*	48.1	119.3	80 200*	54.1	122.1	74 900*				68.0
70.0	25.9	99.8	43 500*	30.1	104.2	48 500*	38.8	112.2	65 600*	45.9	117.4	77 300*	52.0	120.6	72 200*				70.0
72.0	21.6	95.0	42 800*	26.5	100.3	47 100*	36.0	109.5	63 200*	43.5	115.3	74 500*	49.9	118.9	69 500*				72.0
74.0	16.2	88.7	41 800*	22.4	95.7	46 200*	33.0	106.4	60 900*	41.0	113.0	71 300*	47.7	117.0	67 100*				74.0
76.0	7.4	78.1	32 900*	17.3	89.7	44 700*	29.8	103.0	58 300*	38.4	110.4	67 600*	45.4	115.1	64 700*	51.3	117.7	57 300*	76.0
78.0							26.2	99.0	55 400*	35.6	107.7	64 200*	43.0	112.9	62 500*	49.2	116.0	55 000*	78.0
80.0							21.9	94.3	52 300*	32.6	104.6	61 000*	40.4	110.6	60 300*	46.9	114.1	52 800*	80.0
84.0										25.6	97.0	55 100*	34.9	105.2	56 300*	42.2	109.9	48 700*	84.0
88.0										15.7	85.7	48 800*	28.5	98.4	52 600*	36.9	104.8	45 000*	88.0
92.0													20.2	89.0	48 900*	30.9	98.6	41 500*	92.0
96.0																23.4	90.3	38 300*	96.0
100.0																11.8	76.7	35 200*	100.0

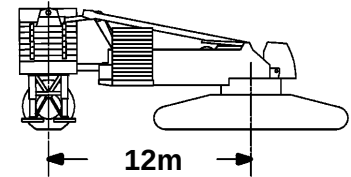


Liftcrane Luffing Jib Capacities

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
 390 090 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

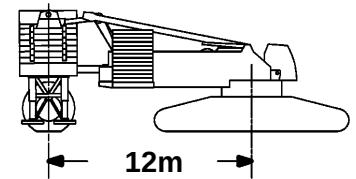
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	76 200*	61.3	134.2	79 900*							58.0
60.0	46.3	124.6	48 200*	48.7	126.6	55 100*	54.4	130.5	74 000*	59.6	133.0	79 900*							60.0
62.0	44.1	122.5	46 500*	46.6	124.7	53 100*	52.5	129.0	71 800*	57.8	131.8	79 900*							62.0
64.0	41.9	120.3	44 800*	44.5	122.7	51 200*	50.5	127.3	69 600*	56.0	130.4	78 200*							64.0
66.0	39.5	117.9	43 200*	42.3	120.5	49 300*	48.5	125.6	67 300*	54.1	128.9	75 600*							66.0
68.0	37.0	115.3	41 800*	39.9	118.1	47 600*	46.4	123.7	64 600*	52.2	127.4	72 900*							68.0
70.0	34.4	112.4	40 500*	37.5	115.5	45 900*	44.3	121.6	62 000*	50.2	125.7	70 200*	55.6	128.2	70 500*				70.0
72.0	31.5	109.1	39 300*	34.8	112.7	44 400*	42.0	119.4	59 400*	48.2	123.9	67 500*	53.7	126.7	67 900*				72.0
74.0	28.4	105.5	38 300*	32.0	109.5	43 000*	39.7	117.0	56 900*	46.1	122.0	64 900*	51.8	125.2	65 400*				74.0
76.0	24.9	101.3	37 500*	29.0	105.9	41 800*	37.2	114.4	54 500*	44.0	119.9	62 300*	49.8	123.5	63 100*				76.0
78.0	20.9	96.3	37 000*	25.6	101.9	40 700*	34.6	111.5	52 200*	41.7	117.7	59 800*	47.8	121.6	60 800*				78.0
80.0	15.8	89.9	35 600*	21.6	97.1	40 000*	31.7	108.3	49 900*	39.3	115.2	57 300*	45.7	119.7	58 700*	51.2	122.3	50 500*	80.0
84.0							25.2	100.6	45 700*	34.2	109.7	52 400*	41.2	115.3	54 800*	47.1	118.7	46 500*	84.0
88.0							16.2	89.3	39 400*	28.2	102.7	48 000*	36.3	110.1	50 900*	42.8	114.5	42 800*	88.0
92.0										20.5	93.4	43 900*	30.6	103.8	47 200*	38.0	109.7	39 500*	92.0
96.0										6.5	75.3	34 500*	23.8	95.6	43 600*	32.7	103.8	36 300*	96.0
100.0													13.9	83.1	40 300*	26.4	96.4	33 400*	100.0
104.0																18.0	86.0	30 700*	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
390 090 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			65 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	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	69 100*							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	69 100*							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	69 100*							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	67 800*							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	65 200*							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	62 700*							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	60 200*	56.8	134.3	64 900*				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	57 800*	55.1	132.9	64 100*				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	55 400*	53.3	131.4	61 700*				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	53 000*	51.6	129.8	59 500*				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	50 600*	49.7	128.1	57 100*				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	46 100*	45.9	124.3	52 500*	51.0	126.9	44 800*	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	41 800*	41.8	120.0	48 000*	47.3	123.3	41 200*	88.0
92.0							20.5	97.0	32 300*	30.2	108.2	37 800*	37.4	115.0	43 700*	43.3	119.2	37 900*	92.0
96.0							8.7	80.4	27 600*	23.8	100.0	34 200*	32.3	109.0	39 700*	38.9	114.4	34 800*	96.0
100.0										15.0	88.0	30 800*	26.5	101.6	35 900*	34.1	108.8	32 000*	100.0
104.0													19.0	91.6	32 400*	28.6	102.0	29 300*	104.0
108.0																21.8	93.1	26 800*	108.0
112.0																11.5	78.9	24 300*	112.0

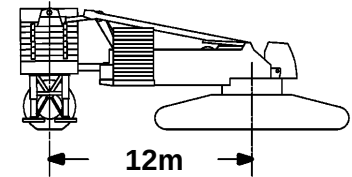


Liftcrane Luffing Jib Capacities

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
 390 090 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

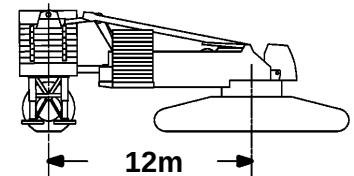
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	59 500*							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	59 100*							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	57 400*							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	55 000*							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	52 700*							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	50 400*							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	48 100*	56.3	138.9	53 700*				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	45 900*	54.7	137.5	51 600*				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	43 600*	53.0	136.0	49 500*				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	39 200*	49.7	132.7	45 300*				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	35 100*	46.1	128.9	40 900*	50.9	131.5	39 000*	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	31 300*	42.4	124.7	36 900*	47.4	127.9	35 700*	92.0
96.0				9.7	83.8	18 200*	23.6	103.5	22 600*	31.8	113.5	27 600*	38.3	119.8	32 900*	43.7	123.9	32 700*	96.0
100.0							15.5	91.6	19 700*	26.3	106.0	24 300*	33.7	114.1	29 200*	39.7	119.2	29 900*	100.0
104.0										19.4	96.0	21 200*	28.6	107.2	25 800*	35.4	113.8	27 300*	104.0
108.0										7.2	77.8	18 500*	22.3	98.5	22 600*	30.5	107.4	24 900*	108.0
112.0													13.4	85.3	19 700*	24.7	99.4	22 600*	112.0
116.0																17.1	88.4	20 400*	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
390 090 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

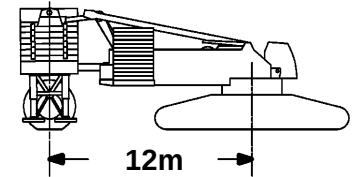
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	44 900*				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	42 900*				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	39 000*				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	35 000*				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	31 000*	50.7	136.1	34 000*	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	27 300*	47.5	132.5	31 000*	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	23 700*	44.0	128.5	28 200*	100.0
104.0							19.5	99.6	11 700*	28.3	111.6	15 900*	34.9	119.1	20 300*	40.4	124.0	24 900*	104.0
108.0							8.9	82.6	9 400*	22.5	102.8	13 000*	30.3	112.6	17 200*	36.4	118.7	21 500*	108.0
112.0										14.4	90.2	10 500*	24.9	104.7	14 300*	32.0	112.7	18 300*	112.0
116.0													18.0	94.0	11 600*	26.9	105.3	15 300*	116.0
120.0																20.7	95.8	12 600*	120.0
124.0																11.3	81.0	10 200*	124.0

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
 390 090 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			65 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	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	222 900*b										28.0
30.0	34.7	91.0	147 700*	43.7	94.3	165 100*	61.2	98.8	215 600*b										30.0
32.0	25.5	87.1	142 800*	36.8	91.7	156 600*	56.1	97.4	205 900*										32.0
34.0				28.3	88.1	149 300*	50.7	95.7	195 800*										34.0
36.0				15.3	82.2	123 400*	44.7	93.7	185 600*										36.0
38.0							38.0	91.2	176 000*	56.7	96.1	167 400*							38.0
40.0							29.9	87.9	166 000*	51.3	94.5	158 300*							40.0
42.0							18.2	82.6	142 500*	45.4	92.5	150 000*							42.0
44.0										38.8	90.0	142 400*							44.0
46.0										30.9	86.8	135 400*	51.5	92.5	128 500*				46.0
48.0										19.9	81.9	128 800*	45.6	90.5	122 500*				48.0
50.0													39.1	88.1	116 900*				50.0
52.0													31.2	84.9	111 600*	51.1	89.8	105 700*	52.0
54.0													20.4	80.1	106 600*	45.2	87.8	101 100*	54.0
56.0																38.6	85.4	96 900*	56.0
58.0																30.6	82.1	92 800*	58.0
60.0																19.4	77.1	88 900*	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.

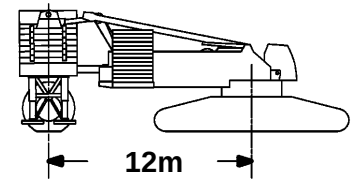
Capacities indicated by **(d)** require
 25 400 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	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	188 400*										32.0
34.0	37.8	96.0	121 200*	44.7	99.0	136 600*	59.0	103.4	181 100*										34.0
36.0	31.4	92.8	116 200*	39.4	96.5	129 700*	54.8	102.0	173 000*										36.0
38.0	23.2	88.5	113 100*	33.2	93.6	123 700*	50.4	100.3	164 800*										38.0
40.0				25.7	89.6	119 400*	45.6	98.4	156 500*	59.5	102.1	157 400*							40.0
42.0				14.4	83.3	105 400*	40.3	96.0	148 600*	55.3	100.7	149 200*							42.0
44.0							34.3	93.2	141 300*	50.9	99.1	141 700*							44.0
46.0							27.1	89.4	135 200*	46.1	97.1	134 900*							46.0
48.0							16.8	83.8	122 200*	40.9	94.8	128 500*	55.4	98.7	121 500*				48.0
50.0										35.0	92.0	122 700*	51.0	97.1	116 000*				50.0
52.0										28.0	88.4	117 200*	46.3	95.2	110 900*				52.0
54.0										18.3	83.1	112 000*	41.1	92.9	106 100*				54.0
56.0													35.3	90.1	101 700*				56.0
58.0													28.3	86.5	97 500*	46.0	92.5	92 000*	58.0
60.0													18.7	81.3	93 400*	40.8	90.2	88 300*	60.0
62.0																34.8	87.3	84 900*	62.0
64.0																27.7	83.7	81 600*	64.0
66.0																17.9	78.3	78 300*	66.0

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

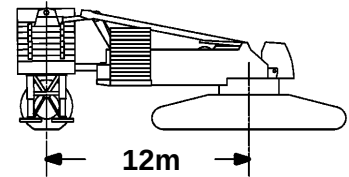
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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			65 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	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	170 000*										32.0
34.0	48.4	105.3	111 800*	53.3	107.3	127 200*	64.3	110.5	165 200*										34.0
36.0	44.3	103.2	106 100*	49.5	105.6	120 600*	61.0	109.4	159 600*										36.0
38.0	39.8	100.8	101 000*	45.4	103.6	114 500*	57.5	108.1	153 200*										38.0
40.0	34.7	98.0	96 700*	41.1	101.3	108 700*	53.9	106.6	146 700*										40.0
42.0	28.9	94.5	93 200*	36.2	98.6	103 800*	50.2	104.9	139 900*	61.3	108.0	147 500*							42.0
44.0	21.5	89.8	91 200*	30.6	95.3	99 600*	46.1	103.0	133 200*	57.9	106.8	140 100*							44.0
46.0				23.8	91.1	96 500*	41.8	100.8	126 700*	54.3	105.3	133 300*							46.0
48.0				13.7	84.4	88 300*	37.0	98.2	120 600*	50.6	103.7	127 100*							48.0
50.0							31.6	95.0	115 200*	46.6	101.7	121 300*							50.0
52.0							25.1	90.9	110 700*	42.3	99.6	116 000*	54.5	103.3	109 200*				52.0
54.0							15.9	84.9	102 700*	37.6	97.0	111 000*	50.7	101.7	104 500*				54.0
56.0										32.2	93.9	106 300*	46.7	99.8	100 100*				56.0
58.0										25.9	89.9	101 900*	42.5	97.6	96 100*				58.0
60.0										17.2	84.2	97 700*	37.8	95.1	92 200*	50.5	99.0	86 600*	60.0
62.0													32.4	92.0	88 600*	46.5	97.1	83 200*	62.0
64.0													26.1	88.1	85 200*	42.2	94.9	80 100*	64.0
66.0													17.5	82.5	81 900*	37.4	92.3	77 000*	66.0
68.0																32.1	89.2	74 200*	68.0
70.0																25.6	85.2	71 400*	70.0
72.0																16.8	79.4	68 700*	72.0

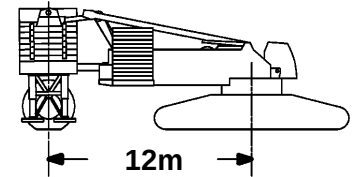
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	73.1	119.9	138 600*																21.3
22.0	72.2	119.7	137 000*																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	145 700*										36.0
38.0	48.5	109.9	94 300*	52.7	111.9	107 600*	62.4	115.3	141 400*										38.0
40.0	44.9	107.9	89 800*	49.4	110.2	102 300*	59.4	114.1	136 400*										40.0
42.0	41.1	105.6	85 700*	45.9	108.2	97 400*	56.4	112.7	131 200*										42.0
44.0	37.0	103.0	82 000*	42.2	106.0	92 800*	53.3	111.2	125 800*										44.0
46.0	32.4	99.9	78 800*	38.2	103.5	88 600*	50.0	109.5	120 300*	59.8	112.7	132 100*							46.0
48.0	27.0	96.1	76 400*	33.7	100.6	84 900*	46.5	107.6	114 800*	56.8	111.4	125 900*							48.0
50.0	20.3	91.1	75 100*	28.6	97.0	81 800*	42.9	105.5	109 500*	53.6	109.9	120 200*							50.0
52.0				22.3	92.4	79 700*	38.9	103.0	104 400*	50.4	108.2	115 000*							52.0
54.0				13.2	85.4	74 900*	34.5	100.1	99 800*	46.9	106.4	110 000*	56.9	109.4	103 300*				54.0
56.0							29.5	96.7	95 700*	43.3	104.2	105 400*	53.7	107.9	99 000*				56.0
58.0							23.5	92.3	92 300*	39.3	101.8	101 100*	50.5	106.3	95 000*				58.0
60.0							15.1	86.0	87 300*	35.0	99.0	97 100*	47.1	104.4	91 200*				60.0
62.0										30.1	95.6	93 400*	43.4	102.3	87 700*				62.0
64.0										24.2	91.4	89 700*	39.5	99.9	84 300*	50.3	103.6	78 900*	64.0
66.0										16.3	85.4	86 300*	35.2	97.1	81 200*	46.8	101.7	75 900*	66.0
68.0													30.3	93.7	78 200*	43.2	99.6	73 100*	68.0
70.0													24.5	89.5	75 300*	39.2	97.2	70 500*	70.0
72.0													16.6	83.6	72 500*	34.9	94.3	68 000*	72.0
74.0																29.9	90.9	65 600*	74.0
76.0																24.0	86.7	63 200*	76.0
78.0																16.0	80.6	60 900*	78.0

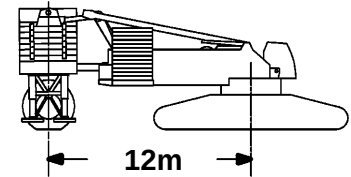
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	73.3	125.8	121 400*																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	125 100*										40.0
42.0	48.6	114.5	80 400*	52.3	116.5	91 800*	60.9	120.0	121 300*										42.0
44.0	45.5	112.5	76 700*	49.4	114.8	87 500*	58.2	118.7	117 300*										44.0
46.0	42.2	110.3	73 300*	46.3	112.9	83 500*	55.6	117.4	113 000*										46.0
48.0	38.6	107.8	70 300*	43.1	110.7	79 800*	52.8	115.8	108 500*	61.1	118.6	124 200*							48.0
50.0	34.8	105.0	67 500*	39.6	108.3	76 300*	49.9	114.1	104 100*	58.5	117.4	118 500*							50.0
52.0	30.5	101.7	65 300*	35.9	105.6	73 200*	46.8	112.2	99 600*	55.9	116.0	113 300*							52.0
54.0	25.5	97.6	63 600*	31.7	102.4	70 400*	43.6	110.2	95 300*	53.1	114.5	108 400*							54.0
56.0	19.3	92.3	62 700*	27.0	98.6	68 200*	40.2	107.8	91 100*	50.2	112.8	103 900*							56.0
58.0				21.2	93.8	66 600*	36.5	105.1	87 100*	47.2	111.0	99 700*	56.0	114.1	93 200*				58.0
60.0				12.8	86.5	63 300*	32.4	102.0	83 600*	44.0	108.9	95 700*	53.2	112.6	89 500*				60.0
62.0							27.8	98.3	80 400*	40.6	106.6	91 900*	50.3	110.9	86 000*				62.0
64.0							22.2	93.7	77 800*	36.9	103.9	88 500*	47.3	109.0	82 700*				64.0
66.0							14.6	87.1	74 100*	32.9	100.9	85 100*	44.1	107.0	79 600*				66.0
68.0										28.4	97.3	82 000*	40.7	104.6	76 700*	50.1	108.2	71 400*	68.0
70.0										22.9	92.8	79 000*	37.1	102.0	73 900*	47.1	106.3	68 800*	70.0
72.0										15.6	86.5	75 500*	33.1	99.0	71 200*	43.9	104.3	66 300*	72.0
74.0													28.5	95.4	68 700*	40.5	101.9	64 000*	74.0
76.0													23.1	90.9	66 300*	36.8	99.3	61 600*	76.0
78.0													15.9	84.8	63 900*	32.8	96.2	59 300*	78.0
80.0																28.2	92.6	57 000*	80.0
84.0																15.3	81.7	52 500*	84.0

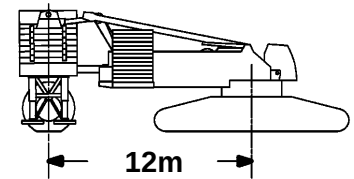
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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				65 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		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	105 000*																46.0
48.0	45.8	117.2	66 200*	49.3	119.4	75 600*	57.3	123.4	101 700*																48.0
50.0	42.9	115.0	63 400*	46.6	117.5	72 400*	54.9	122.0	98 100*																50.0
52.0	39.9	112.6	60 800*	43.8	115.4	69 300*	52.4	120.4	94 500*	59.9	123.3	112 000*													52.0
54.0	36.6	109.9	58 500*	40.7	113.1	66 400*	49.8	118.7	90 800*	57.6	122.1	107 200*													54.0
56.0	32.9	106.9	56 500*	37.5	110.5	63 700*	47.1	116.9	87 200*	55.2	120.7	102 700*													56.0
58.0	28.9	103.4	54 800*	34.0	107.6	61 400*	44.2	114.8	83 600*	52.7	119.1	98 500*													58.0
60.0	24.3	99.1	53 600*	30.1	104.2	59 300*	41.2	112.5	80 100*	50.1	117.4	94 600*													60.0
62.0	18.5	93.6	53 000*	25.6	100.1	57 600*	38.0	110.0	76 800*	47.4	115.6	90 900*	55.2	118.7	84 800*										62.0
64.0	9.2	84.5	51 100*	20.2	95.1	56 500*	34.6	107.1	73 700*	44.6	113.6	87 400*	52.7	117.2	81 500*										64.0
66.0				12.6	87.6	54 200*	30.8	103.8	70 900*	41.6	111.3	84 100*	50.2	115.5	78 400*										66.0
68.0							26.4	99.9	68 500*	38.4	108.8	81 000*	47.5	113.6	75 500*										68.0
70.0							21.2	95.1	66 400*	35.0	106.0	78 100*	44.7	111.6	72 800*										70.0
72.0							14.1	88.2	62 600*	31.2	102.7	75 300*	41.7	109.4	70 100*	50.0	112.8	65 000*							72.0
74.0										26.9	98.9	72 700*	38.5	106.9	67 700*	47.3	111.0	62 600*							74.0
76.0										21.9	94.2	70 100*	35.1	104.0	65 300*	44.5	108.9	60 100*							76.0
78.0										15.1	87.6	66 800*	31.3	100.8	63 100*	41.5	106.7	57 800*							78.0
80.0													27.1	97.0	60 900*	38.3	104.1	55 600*							80.0
84.0													15.4	85.9	56 800*	31.1	98.0	51 400*							84.0
88.0																21.7	89.4	47 500*							88.0

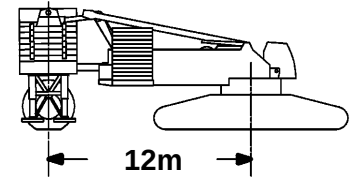


Liftcrane Luffing Jib Capacities

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
 390 090 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

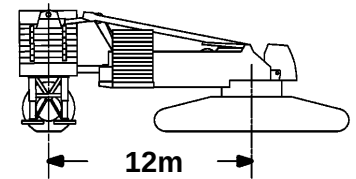
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	88 400*										52.0
54.0	43.6	119.7	55 000*	46.9	122.1	62 900*	54.3	126.6	85 400*	61.0	129.2	98 200*							54.0
56.0	40.8	117.4	52 800*	44.3	120.1	60 300*	52.1	125.0	82 400*	58.9	128.0	98 200*							56.0
58.0	37.9	114.8	50 900*	41.6	117.8	57 900*	49.7	123.3	79 400*	56.8	126.7	96 900*							58.0
60.0	34.8	111.9	49 100*	38.7	115.3	55 700*	47.3	121.5	76 400*	54.6	125.3	92 900*							60.0
62.0	31.4	108.7	47 600*	35.7	112.6	53 700*	44.7	119.4	73 500*	52.3	123.7	89 200*							62.0
64.0	27.6	105.0	46 400*	32.4	109.4	51 800*	42.0	117.2	70 600*	50.0	122.0	85 800*	56.8	124.7	79 700*				64.0
66.0	23.2	100.5	45 500*	28.7	105.9	50 300*	39.2	114.8	67 900*	47.5	120.2	82 600*	54.7	123.3	76 700*				66.0
68.0	17.8	94.8	45 100*	24.5	101.6	49 000*	36.2	112.1	65 200*	45.0	118.2	79 500*	52.4	121.7	73 800*				68.0
70.0	9.4	85.6	42 700*	19.4	96.3	48 200*	32.9	109.0	62 800*	42.3	116.0	76 600*	50.1	120.1	71 100*				70.0
72.0				12.3	88.6	46 600*	29.3	105.6	60 600*	39.5	113.6	73 900*	47.6	118.2	68 500*				72.0
74.0							25.3	101.4	58 700*	36.5	110.9	71 300*	45.1	116.2	66 100*				74.0
76.0							20.4	96.4	57 100*	33.3	107.9	68 800*	42.4	114.1	63 800*	49.9	117.4	57 800*	76.0
78.0							13.8	89.3	52 700*	29.8	104.5	66 400*	39.6	111.7	61 600*	47.5	115.6	55 500*	78.0
80.0										25.7	100.4	64 100*	36.7	109.0	59 400*	44.9	113.6	53 300*	80.0
84.0										14.7	88.8	56 400*	29.9	102.6	55 500*	39.5	108.9	49 300*	84.0
88.0													21.2	93.7	51 800*	33.2	103.2	45 500*	88.0
92.0																25.6	95.7	42 100*	92.0
96.0																14.4	83.9	38 700*	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
390 090 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			65 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	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	84 500*							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	84 500*							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	84 500*							60.0
62.0	39.0	119.6	44 700*	42.3	122.5	51 000*	49.6	127.9	70 000*	56.1	131.4	84 500*							62.0
64.0	36.3	116.9	43 200*	39.7	120.1	49 100*	47.4	126.1	67 500*	54.1	129.9	84 500*							64.0
66.0	33.3	113.9	41 800*	37.0	117.5	47 400*	45.1	124.1	65 100*	52.0	128.3	81 400*							66.0
68.0	30.1	110.5	40 700*	34.1	114.5	45 800*	42.7	121.9	62 700*	49.9	126.6	78 400*	56.2	129.4	72 500*				68.0
70.0	26.5	106.6	39 700*	31.0	111.3	44 400*	40.2	119.6	60 400*	47.7	124.8	75 500*	54.2	127.9	69 800*				70.0
72.0	22.4	101.9	39 100*	27.5	107.5	43 200*	37.5	117.0	58 200*	45.4	122.8	72 800*	52.1	126.4	67 300*				72.0
74.0	17.2	96.0	38 800*	23.6	103.1	42 200*	34.6	114.1	56 100*	43.0	120.7	70 200*	50.0	124.7	64 800*				74.0
76.0	9.4	86.7	35 900*	18.8	97.6	41 700*	31.5	110.9	54 200*	40.5	118.3	67 700*	47.7	122.8	62 500*				76.0
78.0				12.1	89.7	40 500*	28.1	107.2	52 500*	37.8	115.8	65 400*	45.5	120.9	60 300*	52.0	123.7	53 800*	78.0
80.0							24.3	102.9	50 900*	35.0	112.9	63 100*	43.1	118.7	58 300*	49.8	122.0	51 700*	80.0
84.0							13.5	90.4	44 400*	28.5	106.2	57 300*	37.9	113.8	54 400*	45.3	118.2	47 600*	84.0
88.0										20.2	96.8	51 900*	32.0	107.8	50 800*	40.4	113.7	44 000*	88.0
92.0													24.9	100.1	47 500*	34.9	108.3	40 600*	92.0
96.0													14.5	88.1	44 400*	28.4	101.5	37 500*	96.0
100.0																20.1	92.1	34 500*	100.0

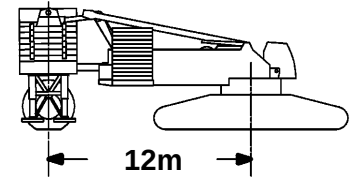


Liftcrane Luffing Jib Capacities

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
 390 090 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

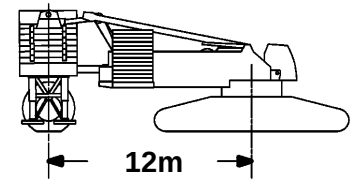
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	73 600*							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	73 600*							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	73 600*							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	73 600*							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	73 600*							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	73 200*							68.0
70.0	34.8	118.9	36 700*	38.1	122.3	41 800*	45.4	128.7	57 600*	51.8	132.9	71 200*							70.0
72.0	32.0	115.8	35 600*	35.6	119.5	40 400*	43.2	126.6	55 600*	49.8	131.2	68 700*	55.6	134.0	65 500*				72.0
74.0	28.9	112.2	34 700*	32.8	116.4	39 100*	40.9	124.3	53 700*	47.8	129.4	66 200*	53.8	132.5	63 100*				74.0
76.0	25.5	108.1	34 000*	29.8	113.0	38 000*	38.5	121.8	51 800*	45.7	127.5	63 700*	51.8	131.0	60 900*				76.0
78.0	21.6	103.3	33 600*	26.5	109.1	37 100*	36.0	119.1	50 100*	43.5	125.3	61 200*	49.9	129.3	58 700*				78.0
80.0	16.7	97.2	33 500*	22.7	104.5	36 400*	33.3	116.0	48 400*	41.2	123.1	58 700*	47.8	127.4	56 700*				80.0
84.0				12.0	90.8	33 500*	27.1	108.8	45 500*	36.3	117.9	54 000*	43.6	123.4	52 800*	49.7	126.6	45 400*	84.0
88.0							19.0	98.9	42 000*	30.7	111.6	49 500*	38.9	118.7	49 300*	45.6	122.8	41 800*	88.0
92.0										23.8	103.4	45 300*	33.7	113.0	46 000*	41.1	118.4	38 500*	92.0
96.0										14.0	91.0	40 100*	27.6	105.9	43 100*	36.2	113.2	35 400*	96.0
100.0													19.7	96.3	40 300*	30.6	106.9	32 500*	100.0
104.0																23.7	98.7	29 900*	104.0
108.0																13.8	86.1	27 300*	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
390 090 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			65 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	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	64 000*							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	64 000*							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	64 000*							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	64 000*							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	63 500*							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	61 300*							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	58 900*	56.9	140.1	60 200*				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	56 600*	55.2	138.6	59 500*				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	54 300*	53.4	137.1	57 400*				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	52 000*	51.6	135.6	55 400*				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	47 500*	47.9	132.1	51 600*				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	43 300*	44.0	128.1	48 100*	49.7	131.2	40 100*	88.0
92.0							22.6	105.8	33 000*	32.4	116.8	39 200*	39.7	123.4	44 900*	45.9	127.4	36 800*	92.0
96.0							13.0	92.6	29 900*	26.5	109.4	35 500*	35.0	118.0	41 600*	41.8	123.1	33 800*	96.0
100.0										19.0	99.4	32 000*	29.7	111.4	37 700*	37.3	118.1	31 000*	100.0
104.0													23.2	103.0	34 100*	32.3	112.1	28 400*	104.0
108.0													13.9	90.3	30 900*	26.4	104.7	26 000*	108.0
112.0																18.8	94.6	23 600*	112.0

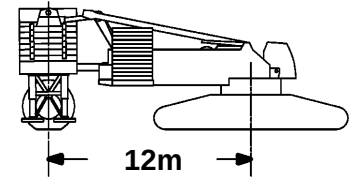


Liftcrane Luffing Jib Capacities

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
 390 090 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

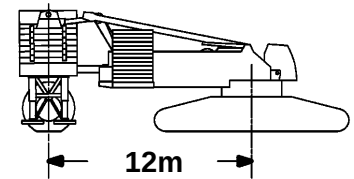
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	55 400*							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	55 400*							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	55 400*							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	53 600*							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	51 500*							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	49 200*							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	47 100*	56.3	144.7	51 500*				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	45 000*	54.7	143.3	50 800*				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	40 700*	51.5	140.2	46 900*				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	36 500*	48.0	136.7	42 900*				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	32 700*	44.4	132.7	38 700*	49.6	135.8	34 500*	92.0
96.0				11.7	92.9	18 500*	25.3	112.0	23 400*	33.8	121.9	29 000*	40.4	128.2	34 800*	46.1	132.1	31 600*	96.0
100.0							18.0	101.4	20 400*	28.6	115.0	25 500*	36.2	122.9	31 100*	42.3	127.8	28 900*	100.0
104.0										22.4	106.3	22 400*	31.4	116.7	27 500*	38.2	122.9	26 300*	104.0
108.0										13.5	93.2	19 500*	25.8	109.1	24 200*	33.7	117.2	23 900*	108.0
112.0													18.6	98.8	21 200*	28.5	110.3	21 700*	112.0
116.0																22.3	101.5	19 600*	116.0
120.0																13.3	88.3	17 500*	120.0

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
390 090 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

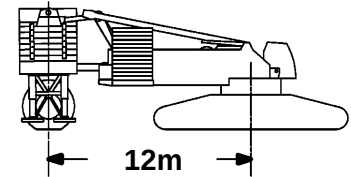
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	47 800*							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	47 000*							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	45 000*							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	42 900*							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	40 900*							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	38 900*	57.3	150.7	43 700*				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	34 800*	54.4	147.9	40 500*				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	30 900*	51.3	144.8	36 700*				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	27 100*	48.1	141.3	32 800*				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	29 100*	49.6	140.4	29 900*	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	25 500*	46.3	136.7	27 200*	100.0
104.0							21.4	108.6	12 400*	30.3	120.4	17 000*	37.1	127.8	22 000*	42.8	132.5	24 700*	104.0
108.0							12.6	94.7	9 900*	24.9	112.5	14 100*	32.8	121.9	18 800*	39.0	127.7	22 300*	108.0
112.0										18.0	101.8	11 500*	27.9	114.8	15 800*	34.9	122.2	20 100*	112.0
116.0													21.9	105.8	13 000*	30.3	115.7	17 200*	116.0
120.0													13.5	92.6	10 400*	24.8	107.8	14 300*	120.0
124.0																17.9	97.1	11 700*	124.0
128.0																4.0	74.6	9 500*	128.0

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
 390 090 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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	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	191 500*b										30.0
32.0	27.2	93.9	130 600*	38.7	98.5	143 200*	58.8	104.2	185 400*b										32.0
34.0				30.8	95.3	137 400*	53.6	102.7	177 400*										34.0
36.0				19.8	90.4	128 800*	48.0	100.9	169 200*										36.0
38.0							41.7	98.6	161 300*										38.0
40.0							34.4	95.8	153 900*	55.6	101.7	155 100*b							40.0
42.0							25.1	91.8	148 200*	50.1	100.0	146 900*							42.0
44.0										44.1	97.9	139 500*							44.0
46.0										37.3	95.3	132 700*	57.1	99.9	124 800*b				46.0
48.0										28.9	91.8	126 300*	51.7	98.3	118 900*				48.0
50.0										16.5	86.2	120 300*	45.9	96.3	113 500*				50.0
52.0													39.4	93.9	108 400*				52.0
54.0													31.6	90.8	103 700*				54.0
56.0													21.0	86.1	99 100*	47.0	94.0	93 200*	56.0
58.0																40.6	91.7	89 300*	58.0
60.0																33.1	88.7	85 600*	60.0
62.0																23.3	84.4	82 100*	62.0

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

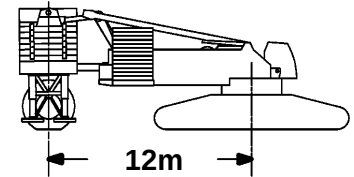
Capacities indicated by **(c)** require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	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	169 000*b										32.0
34.0	38.7	102.5	111 300*	46.1	105.6	125 200*	61.2	110.1	163 300*										34.0
36.0	32.5	99.5	107 000*	40.9	103.3	119 200*	57.1	108.8	157 000*										36.0
38.0	24.7	95.4	104 200*	35.0	100.5	114 000*	52.8	107.3	150 300*										38.0
40.0				27.9	96.9	109 900*	48.2	105.5	143 500*	58.6	107.7	146 000*							40.0
42.0				18.2	91.5	106 600*	43.2	103.3	136 800*	54.4	106.3	138 700*							42.0
44.0							37.6	100.8	130 500*	49.9	104.6	131 900*							44.0
46.0							31.1	97.5	125 000*	45.1	102.6	125 800*							46.0
48.0							22.9	93.2	120 800*	39.7	100.2	120 100*							48.0
50.0										33.7	97.2	114 700*	51.2	102.9	107 600*				50.0
52.0										26.3	93.4	109 700*	46.5	101.0	102 900*				52.0
54.0										15.4	87.3	104 900*	41.3	98.7	98 600*				54.0
56.0																			56.0
58.0													35.5	96.0	94 600*	52.0	100.4	88 300*	58.0
60.0													28.6	92.4	90 700*	47.4	98.6	84 800*	60.0
62.0													19.2	87.3	87 000*	42.3	96.4	81 500*	62.0
64.0																36.6	93.7	78 300*	64.0
66.0																30.0	90.4	75 300*	66.0
68.0																21.2	85.7	72 400*	68.0

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

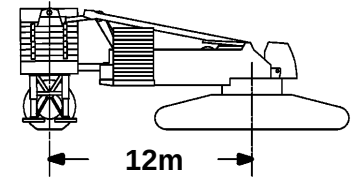
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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			65 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	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	148 400*										34.0
36.0	45.0	109.7	97 500*	50.5	112.1	110 600*	62.7	116.0	144 100*										36.0
38.0	40.5	107.3	93 100*	46.6	110.2	105 300*	59.4	114.8	139 100*										38.0
40.0	35.6	104.6	89 300*	42.3	108.0	100 400*	55.8	113.4	133 700*										40.0
42.0	29.9	101.2	86 300*	37.5	105.5	95 900*	52.2	111.9	128 100*										42.0
44.0	22.9	96.8	84 400*	32.2	102.3	92 200*	48.3	110.1	122 500*	60.6	113.7	137 000*							44.0
46.0				25.8	98.4	89 400*	44.1	108.0	117 000*	57.2	112.4	130 300*							46.0
48.0				17.0	92.7	88 400*	39.6	105.6	111 800*	53.6	110.9	124 200*							48.0
50.0							34.6	102.7	106 900*	49.8	109.2	118 500*							50.0
52.0							28.7	99.2	102 800*	45.7	107.2	113 300*							52.0
54.0							21.3	94.5	99 600*	41.3	104.9	108 500*	54.6	109.1	101 200*				54.0
56.0										36.5	102.3	103 900*	50.9	107.5	97 000*				56.0
58.0										31.0	99.0	99 600*	46.9	105.6	93 000*				58.0
60.0										24.3	94.8	95 600*	42.6	103.4	89 300*				60.0
62.0										14.6	88.4	91 700*	38.0	100.9	85 800*				62.0
64.0													32.7	97.8	82 500*	47.6	103.2	76 600*	64.0
66.0													26.4	94.0	79 300*	43.4	101.1	73 700*	66.0
68.0													18.0	88.5	76 300*	38.8	98.6	71 000*	68.0
70.0																33.7	95.7	68 400*	70.0
72.0																27.6	92.0	65 900*	72.0
74.0																19.8	86.9	63 400*	74.0

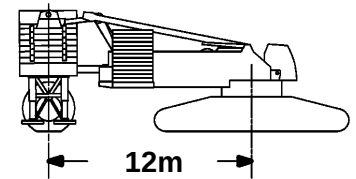
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	73.5	126.1	124 200*																21.3
22.0	72.6	125.9	122 900*																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*													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	123 800*										40.0
42.0	41.8	112.1	79 200*	46.9	114.8	89 800*	58.0	119.5	119 500*										42.0
44.0	37.7	109.5	76 000*	43.2	112.7	85 800*	54.9	118.1	115 100*										44.0
46.0	33.2	106.5	73 200*	39.3	110.3	82 100*	51.7	116.5	110 500*	62.1	119.6	129 100*							46.0
48.0	27.9	102.8	71 000*	35.0	107.5	78 900*	48.4	114.7	105 900*	59.1	118.3	123 000*							48.0
50.0	21.5	98.1	69 800*	30.0	104.1	76 100*	44.8	112.7	101 300*	56.1	117.0	117 400*							50.0
52.0				24.2	99.9	74 100*	41.0	110.4	97 000*	53.0	115.5	112 300*							52.0
54.0				16.2	93.8	73 500*	36.9	107.7	92 900*	49.7	113.8	107 500*							54.0
56.0							32.2	104.6	89 200*	46.2	111.8	103 000*							56.0
58.0							26.8	100.8	86 000*	42.5	109.7	98 800*	53.9	113.7	91 800*				58.0
60.0							20.0	95.7	83 600*	38.5	107.1	94 900*	50.6	112.1	88 200*				60.0
62.0										34.0	104.2	91 200*	47.2	110.2	84 700*				62.0
64.0										29.0	100.7	87 600*	43.6	108.1	81 500*				64.0
66.0										22.8	96.2	84 300*	39.6	105.7	78 400*	51.2	109.6	72 500*	66.0
68.0										14.0	89.5	81 000*	35.3	102.9	75 500*	47.8	107.8	69 800*	68.0
70.0													30.5	99.6	72 800*	44.2	105.8	67 300*	70.0
72.0													24.7	95.5	70 100*	40.4	103.4	64 900*	72.0
74.0													17.1	89.7	67 600*	36.2	100.7	62 600*	74.0
76.0																31.4	97.5	60 400*	76.0
78.0																25.9	93.5	58 300*	78.0
80.0																18.7	88.2	56 200*	80.0

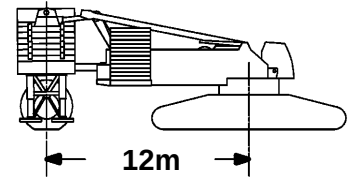
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	73.7	132.0	109 100*																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	103 200*										46.0
48.0	39.2	114.3	65 000*	44.0	117.4	73 700*	54.3	122.7	99 500*										48.0
50.0	35.4	111.6	62 600*	40.6	115.1	70 600*	51.4	121.1	95 700*	60.6	124.3	114 500*							50.0
52.0	31.2	108.3	60 600*	36.9	112.4	67 900*	48.5	119.3	91 900*	58.0	123.0	110 600*							52.0
54.0	26.4	104.4	59 100*	32.9	109.4	65 400*	45.4	117.3	88 100*	55.3	121.6	105 800*							54.0
56.0	20.4	99.4	58 200*	28.3	105.8	63 400*	42.1	115.1	84 500*	52.5	120.1	101 300*							56.0
58.0				22.9	101.3	62 000*	38.5	112.6	81 000*	49.6	118.3	97 200*							58.0
60.0				15.5	94.9	61 600*	34.7	109.7	77 900*	46.5	116.4	93 300*	56.1	119.8	86 400*				60.0
62.0							30.3	106.4	75 000*	43.3	114.3	89 700*	53.3	118.3	83 000*				62.0
64.0							25.3	102.3	72 500*	39.9	111.9	86 200*	50.4	116.7	79 700*				64.0
66.0							19.0	97.0	70 700*	36.1	109.2	83 000*	47.4	114.8	76 800*				66.0
68.0										32.0	106.1	79 900*	44.2	112.8	73 900*				68.0
70.0										27.3	102.3	77 000*	40.9	110.5	71 200*	51.0	114.2	65 500*	70.0
72.0										21.6	97.6	74 200*	37.2	107.9	68 700*	48.0	112.4	63 100*	72.0
74.0										13.6	90.6	71 500*	33.2	104.8	66 200*	44.8	110.4	60 800*	74.0
76.0													28.7	101.3	63 900*	41.5	108.2	58 700*	76.0
78.0													23.4	96.9	61 700*	37.9	105.6	56 600*	78.0
80.0													16.3	90.8	59 500*	34.0	102.7	54 700*	80.0
84.0																24.4	95.0	51 000*	84.0

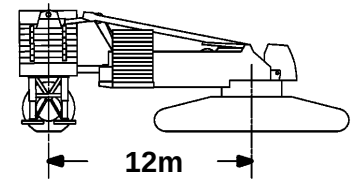
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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			65 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	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	101 000*							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	101 000*							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	99 800*							56.0
58.0	29.6	110.1	50 900*	34.9	114.4	57 000*	45.8	121.9	77 300*	54.6	126.2	96 000*							58.0
60.0	25.1	105.9	49 800*	31.2	111.2	55 100*	42.8	119.8	74 300*	52.1	124.7	92 100*							60.0
62.0	19.5	100.7	49 300*	26.9	107.4	53 600*	39.8	117.4	71 400*	49.5	122.9	88 600*							62.0
64.0	11.3	92.6	50 000*	21.8	102.6	52 600*	36.4	114.7	68 600*	46.8	121.1	85 100*	55.3	124.5	78 500*				64.0
66.0				15.0	96.1	52 300*	32.8	111.6	66 200*	43.9	119.0	82 000*	52.9	122.9	75 500*				66.0
68.0							28.8	108.1	63 900*	40.9	116.7	78 900*	50.3	121.3	72 700*				68.0
70.0							24.1	103.8	61 900*	37.7	114.1	76 100*	47.6	119.4	70 100*				70.0
72.0							18.3	98.2	60 600*	34.2	111.2	73 300*	44.8	117.4	67 500*				72.0
74.0										30.4	107.9	70 800*	41.8	115.2	65 100*	50.7	118.8	59 600*	74.0
76.0										25.9	103.9	68 300*	38.7	112.7	62 900*	48.1	117.0	57 500*	76.0
78.0										20.6	98.9	65 900*	35.2	109.9	60 700*	45.3	115.1	55 500*	78.0
80.0										13.2	91.7	62 800*	31.5	106.7	58 600*	42.4	112.9	53 500*	80.0
84.0													22.3	98.3	54 700*	35.9	107.7	49 600*	84.0
88.0																28.1	100.9	45 900*	88.0
92.0																17.1	90.6	42 300*	92.0

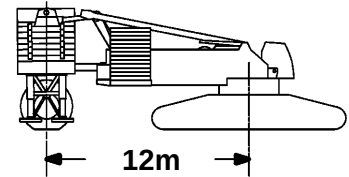


Liftcrane Luffing Jib Capacities

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
 390 090 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

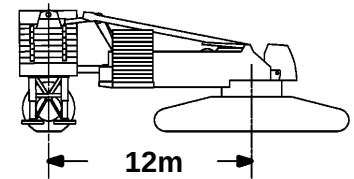
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	88 100*							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	88 100*							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	87 900*							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	86 500*							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	83 500*							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	80 400*	56.9	130.5	73 700*				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	77 300*	54.7	129.1	71 000*				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	74 500*	52.5	127.6	68 300*				70.0
72.0				14.6	97.2	44 800*	31.3	113.5	56 600*	41.8	121.4	71 900*	50.2	125.9	65 800*				72.0
74.0							27.5	109.7	54 800*	38.9	118.9	69 300*	47.7	124.1	63 500*				74.0
76.0							23.1	105.2	53 300*	35.9	116.2	66 900*	45.2	122.1	61 200*				76.0
78.0							17.6	99.4	52 200*	32.6	113.1	64 600*	42.6	119.9	59 100*	50.6	123.4	53 500*	78.0
80.0										29.0	109.6	62 400*	39.8	117.5	57 000*	48.2	121.6	51 300*	80.0
84.0										19.8	100.2	58 200*	33.6	111.8	53 200*	43.0	117.5	47 400*	84.0
88.0													26.1	104.5	49 700*	37.3	112.6	43 800*	88.0
92.0													15.2	93.1	46 400*	30.7	106.3	40 400*	92.0
96.0																22.3	97.8	37 300*	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
390 090 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			65 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	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	77 500*							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	77 500*							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	77 500*							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	77 500*							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	76 400*							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	74 600*							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	72 700*	56.3	135.2	67 000*				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	70 700*	54.3	133.7	64 500*				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	68 200*	52.2	132.1	62 200*				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	65 800*	50.0	130.5	60 000*				76.0
78.0				14.2	98.3	38 400*	30.0	115.2	48 800*	39.9	123.7	63 500*	47.8	128.6	57 900*				78.0
80.0							26.4	111.3	47 400*	37.2	121.1	61 300*	45.5	126.7	55 900*				80.0
84.0							17.0	100.6	45 300*	31.2	114.9	57 300*	40.7	122.2	52 100*	48.2	126.2	45 700*	84.0
88.0										23.8	106.8	53 500*	35.2	116.9	48 600*	43.6	122.2	42 200*	88.0
92.0										12.7	93.8	46 600*	28.8	110.2	45 500*	38.5	117.4	38 900*	92.0
96.0													20.6	101.0	42 500*	32.7	111.6	35 800*	96.0
100.0																25.7	104.1	33 000*	100.0
104.0																16.0	92.9	30 300*	104.0

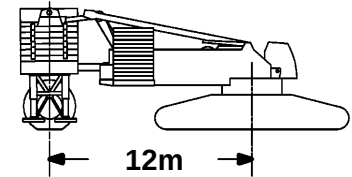


Liftcrane Luffing Jib Capacities

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
 390 090 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

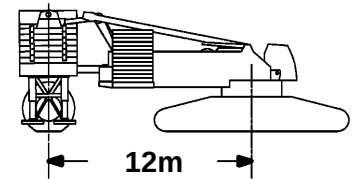
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	67 400*							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	67 400*							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	67 400*							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	67 400*							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	67 400*							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	67 200*							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	65 900*	57.5	141.2	62 800*				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	64 300*	55.7	139.8	60 400*				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	62 800*	53.8	138.3	58 200*				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	61 100*	51.9	136.8	56 100*				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	59 400*	50.0	135.1	54 200*				80.0
84.0				13.9	99.4	33 100*	28.8	116.9	42 200*	38.3	125.9	55 300*	45.8	131.3	50 500*	52.3	134.3	43 300*	84.0
88.0							21.5	108.0	40 100*	33.0	120.1	50 900*	41.4	126.9	47 000*	48.3	130.8	39 800*	88.0
92.0										26.7	112.8	46 700*	36.5	121.8	43 900*	44.1	126.8	36 600*	92.0
96.0										18.5	102.7	42 800*	30.9	115.5	41 100*	39.4	122.2	33 700*	96.0
100.0													24.1	107.5	38 300*	34.3	116.6	30 900*	100.0
104.0													14.5	95.3	35 800*	28.3	109.8	28 300*	104.0
108.0																20.7	100.5	25 900*	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
390 090 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			65 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	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	59 000*							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	59 000*							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	59 000*							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	59 000*							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	59 000*							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	58 900*							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	57 500*							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	55 300*	55.2	144.4	54 900*				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	53 000*	53.5	142.9	52 900*				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	48 700*	49.9	139.7	49 200*				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	44 600*	46.1	135.9	45 800*				88.0
92.0							24.6	114.3	33 800*	34.4	125.2	40 500*	42.0	131.6	42 700*	48.4	135.4	34 900*	92.0
96.0							16.1	102.9	30 600*	29.0	118.4	36 700*	37.5	126.7	39 900*	44.4	131.5	32 000*	96.0
100.0										22.3	109.7	33 200*	32.6	120.7	37 200*	40.2	126.9	29 300*	100.0
104.0										12.3	96.0	30 100*	26.8	113.4	34 500*	35.6	121.6	26 800*	104.0
108.0													19.3	103.5	31 900*	30.3	115.2	24 400*	108.0
112.0																24.0	107.1	22 200*	112.0
116.0																15.3	95.2	20 000*	116.0

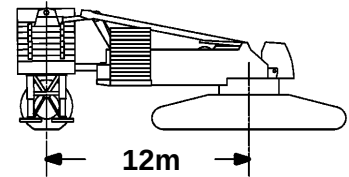


Liftcrane Luffing Jib Capacities

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
 390 090 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, 88.4m (290 Ft.) Luffing Jib

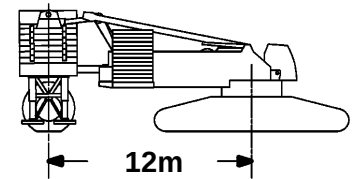
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
32.0	74.5	167.5	51 700*																32.0
34.0	73.1	166.9	50 700*																34.0
36.0	71.7	166.2	49 600*																36.0
38.0	70.4	165.5	48 500*																38.0
40.0	69.0	164.7	47 400*	70.9	165.5	51 800*													40.0
42.0	67.6	163.9	46 200*	69.5	164.8	50 800*													42.0
44.0	66.2	163.0	44 900*	68.1	163.9	49 700*													44.0
46.0	64.7	162.0	43 600*	66.7	163.1	48 600*													46.0
48.0	63.3	161.0	42 400*	65.3	162.1	47 500*													48.0
50.0	61.8	159.9	41 100*	63.8	161.1	46 200*													50.0
52.0	60.3	158.8	39 800*	62.4	160.1	45 000*	67.3	162.4	53 700*										52.0
54.0	58.8	157.5	38 500*	60.9	159.0	43 800*	65.9	161.5	53 700*										54.0
56.0	57.2	156.2	37 300*	59.4	157.8	42 500*	64.4	160.6	53 400*										56.0
58.0	55.7	154.9	36 000*	57.8	156.5	41 200*	63.0	159.5	52 600*										58.0
60.0	54.1	153.4	34 800*	56.3	155.2	40 000*	61.5	158.4	51 700*										60.0
62.0	52.4	151.9	33 600*	54.7	153.7	38 700*	60.0	157.3	50 700*										62.0
64.0	50.7	150.2	32 500*	53.0	152.2	37 400*	58.5	156.1	49 700*										64.0
66.0	49.0	148.5	31 400*	51.4	150.6	36 200*	56.9	154.7	48 600*	62.1	157.3	51 300*							66.0
68.0	47.3	146.6	30 300*	49.7	148.9	35 000*	55.4	153.4	47 500*	60.6	156.1	51 300*							68.0
70.0	45.4	144.6	29 300*	47.9	147.1	33 900*	53.7	151.9	46 300*	59.1	154.9	51 300*							70.0
72.0	43.5	142.6	28 300*	46.1	145.2	32 800*	52.1	150.3	45 100*	57.5	153.6	51 300*							72.0
74.0	41.6	140.3	27 400*	44.3	143.1	31 700*	50.4	148.6	43 800*	55.9	152.3	51 300*							74.0
76.0	39.6	137.9	26 600*	42.4	140.9	30 700*	48.7	146.9	42 600*	54.3	150.8	50 000*							76.0
78.0	37.4	135.3	25 800*	40.4	138.6	29 700*	46.9	145.0	40 600*	52.7	149.3	48 000*							78.0
80.0	35.2	132.5	25 000*	38.3	136.1	28 800*	45.1	143.0	38 700*	51.0	147.7	45 900*	56.4	150.5	48 200*				80.0
84.0	30.3	126.0	23 900*	33.7	130.4	27 200*	41.2	138.6	34 700*	47.6	144.1	41 900*	53.2	147.6	47 500*				84.0
88.0	24.4	117.9	22 300*	28.6	123.5	24 500*	37.0	133.5	31 000*	43.9	140.1	37 800*	49.8	144.3	44 100*				88.0
92.0	16.7	106.7	19 400*	22.3	114.7	21 400*	32.4	127.5	27 500*	39.9	135.5	33 900*	46.3	140.6	40 500*	51.8	143.5	32 600*	92.0
96.0				13.4	101.6	18 700*	27.0	120.2	24 200*	35.6	130.1	30 300*	42.5	136.3	36 600*	48.4	140.1	29 700*	96.0
100.0							20.2	110.6	21 100*	30.7	123.8	26 800*	38.4	131.5	32 800*	44.8	136.1	27 100*	100.0
104.0										25.0	115.9	23 500*	34.0	125.8	29 200*	40.9	131.7	24 600*	104.0
108.0										17.6	105.1	20 600*	28.8	119.0	25 800*	36.7	126.5	22 300*	108.0
112.0													22.6	110.4	22 700*	31.9	120.4	20 200*	112.0
116.0													13.9	97.6	19 800*	26.5	113.0	18 100*	116.0
120.0																19.6	103.1	16 200*	120.0

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
390 090 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, 94.5m (310 Ft.) Luffing Jib

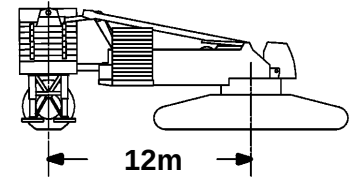
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
33.5	74.5	173.4	45 100*																33.5
34.0	74.2	173.2	44 900*																34.0
36.0	73.0	172.6	44 200*																36.0
38.0	71.7	172.0	43 300*																38.0
40.0	70.4	171.2	42 400*	72.2	172.0	45 900*													40.0
42.0	69.1	170.5	41 500*	70.9	171.3	45 200*													42.0
44.0	67.8	169.6	40 500*	69.6	170.5	44 400*													44.0
46.0	66.5	168.8	39 500*	68.3	169.7	43 600*													46.0
48.0	65.1	167.8	38 500*	67.0	168.9	42 700*													48.0
50.0	63.8	166.8	37 500*	65.6	167.9	41 800*													50.0
52.0	62.4	165.8	36 500*	64.3	167.0	40 900*													52.0
54.0	61.0	164.6	35 400*	62.9	165.9	39 900*	67.5	168.2	45 800*										54.0
56.0	59.6	163.5	34 300*	61.5	164.9	38 900*	66.2	167.3	45 800*										56.0
58.0	58.2	162.2	33 300*	60.1	163.7	37 800*	64.9	166.4	45 800*										58.0
60.0	56.7	160.9	32 200*	58.7	162.5	36 800*	63.5	165.4	45 800*										60.0
62.0	55.2	159.5	31 200*	57.3	161.2	35 800*	62.1	164.3	45 500*										62.0
64.0	53.7	158.0	30 200*	55.8	159.8	34 700*	60.7	163.2	44 800*										64.0
66.0	52.2	156.5	29 200*	54.3	158.4	33 700*	59.3	162.0	43 100*										66.0
68.0	50.6	154.8	28 300*	52.8	156.8	32 700*	57.9	160.7	41 200*										68.0
70.0	49.0	153.1	27 300*	51.2	155.2	31 700*	56.4	159.4	39 300*	61.3	162.0	43 500*							70.0
72.0	47.4	151.2	26 500*	49.6	153.5	30 600*	55.0	158.0	37 500*	59.9	160.8	43 300*							72.0
74.0	45.7	149.3	25 600*	48.0	151.7	28 900*	53.4	156.5	35 600*	58.4	159.6	41 800*							74.0
76.0	43.9	147.2	24 600*	46.3	149.8	27 200*	51.9	154.9	33 700*	57.0	158.3	40 000*							76.0
78.0	42.1	145.0	23 100*	44.6	147.8	25 500*	50.3	153.2	32 000*	55.5	156.9	38 200*							78.0
80.0	40.2	142.6	21 500*	42.8	145.6	23 900*	48.7	151.5	30 200*	54.0	155.4	36 300*							80.0
84.0	36.2	137.4	18 600*	39.0	140.9	20 800*	45.3	147.6	26 700*	50.9	152.3	32 800*	55.9	155.1	38 100*				84.0
88.0	31.8	131.3	15 800*	34.9	135.4	17 900*	41.8	143.3	23 400*	47.7	148.7	29 300*	52.9	152.2	34 800*				88.0
92.0	26.7	123.8	13 200*	30.3	128.9	15 100*	37.9	138.4	20 300*	44.2	144.7	25 900*	49.8	148.9	31 400*				92.0
96.0	20.4	114.3	10 700*	24.9	120.9	12 500*	33.7	132.6	17 400*	40.6	140.2	22 700*	46.5	145.2	28 100*	51.6	148.1	28 000*	96.0
100.0	10.8	99.1	8 500*	18.0	110.3	10 100*	28.9	125.8	14 600*	36.6	135.0	19 600*	43.0	141.0	24 800*	48.4	144.6	25 300*	100.0
104.0							23.1	117.3	12 100*	32.2	129.0	16 700*	39.2	136.3	21 700*	45.1	140.8	22 900*	104.0
108.0							15.5	105.2	9 700*	27.2	121.7	14 000*	35.1	130.8	18 700*	41.5	136.4	20 700*	108.0
112.0										21.0	112.4	11 500*	30.5	124.4	15 800*	37.6	131.4	18 600*	112.0
116.0										12.0	98.1	9 200*	25.2	116.5	13 200*	33.3	125.6	16 600*	116.0
120.0													18.4	106.0	10 800*	28.4	118.6	14 700*	120.0
124.0																22.6	109.9	12 300*	124.0
128.0																14.7	97.4	10 000*	128.0

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
 390 090 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



85.3m (280 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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	72.8	114.6	161 800*d																16.8
18.0	70.0	114.1	160 200*c																18.0
20.0	65.4	113.1	154 300*b	72.2	114.2	164 200*c													20.0
22.0	60.6	112.0	147 400*b	67.7	113.4	162 000*c													22.0
24.0	55.5	110.6	140 400*	62.9	112.3	156 400*b													24.0
26.0	50.0	108.9	133 600*	58.0	111.0	149 400*b													26.0
28.0	44.0	106.8	127 300*	52.7	109.5	142 400*													28.0
30.0	37.1	104.2	121 900*	47.0	107.6	135 600*													30.0
32.0	28.7	100.7	117 900*	40.6	105.3	129 500*	61.5	110.9	165 100*b										32.0
34.0				33.1	102.3	124 300*	56.4	109.5	159 800*b										34.0
36.0				23.3	98.0	121 200*	51.0	107.9	153 000*										36.0
38.0							45.1	105.9	146 200*										38.0
40.0							38.4	103.4	139 900*	59.6	108.7	152 100*b							40.0
42.0							30.4	100.1	134 400*	54.5	107.2	144 100*							42.0
44.0							19.1	95.1	130 700*	48.9	105.4	136 800*							44.0
46.0										42.8	103.3	130 100*							46.0
48.0										35.7	100.6	123 900*							48.0
50.0										26.8	96.8	118 200*	52.0	104.1	110 400*				50.0
52.0													46.2	102.2	105 400*				52.0
54.0													39.7	99.8	100 800*				54.0
56.0													31.9	96.7	96 600*				56.0
58.0																48.7	100.1	86 000*	58.0
60.0																42.5	97.9	82 500*	60.0
62.0																35.4	95.2	79 200*	62.0
64.0																26.5	91.4	76 000*	64.0

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.

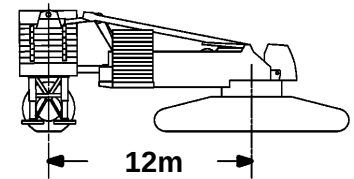
Capacities indicated by **(d)** require
 25 400 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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



85.3m (280 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	73.3	120.5	143 800*c																18.3
20.0	70.2	119.8	139 500*b																20.0
22.0	66.4	118.9	134 100*b																22.0
24.0	62.6	117.9	128 200*b	68.3	119.2	141 900*b													24.0
26.0	58.5	116.6	122 400*	64.5	118.2	136 600*b													26.0
28.0	54.3	115.2	116 500*	60.5	117.0	130 800*b													28.0
30.0	49.8	113.5	110 900*	56.4	115.7	125 000*													30.0
32.0	45.0	111.5	105 700*	52.0	114.1	119 100*	67.1	117.8	148 800*b										32.0
34.0	39.6	109.1	101 100*	47.4	112.2	113 500*	63.3	116.7	146 800*b										34.0
36.0	33.5	106.1	97 200*	42.3	110.0	108 300*	59.3	115.5	141 500*										36.0
38.0	26.1	102.2	94 700*	36.6	107.4	103 800*	55.1	114.1	136 000*										38.0
40.0				30.0	104.0	100 100*	50.6	112.5	130 300*										40.0
42.0				21.2	99.3	98 100*	45.9	110.5	124 700*										42.0
44.0							40.6	108.2	119 300*	57.7	113.3	135 900*							44.0
46.0							34.7	105.3	114 300*	53.5	111.8	129 300*							46.0
48.0							27.6	101.7	110 100*	48.9	110.1	123 200*							48.0
50.0							17.6	96.2	107 500*	44.0	108.0	117 600*							50.0
52.0										38.5	105.5	112 400*	55.8	110.3	104 400*				52.0
54.0										32.2	102.4	107 600*	51.4	108.7	99 900*				54.0
56.0										24.4	98.3	103 000*	46.7	106.8	95 800*				56.0
58.0													41.6	104.6	91 900*				58.0
60.0													35.8	101.8	88 100*				60.0
62.0													28.9	98.3	84 600*	48.8	104.7	78 300*	62.0
64.0													19.7	93.3	81 200*	43.8	102.6	75 300*	64.0
66.0																38.4	100.1	72 400*	66.0
68.0																32.0	97.0	69 700*	68.0
70.0																24.1	92.8	67 000*	70.0

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

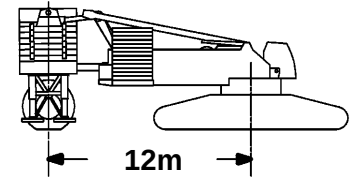
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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



85.3m (280 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	73.6	126.4	125 800*b																19.8
20.0	73.4	126.3	125 400*b																20.0
22.0	70.3	125.6	121 300*b																22.0
24.0	67.1	124.7	116 800*b																24.0
26.0	63.9	123.7	112 000*	68.7	124.9	124 000*b													26.0
28.0	60.6	122.6	107 100*	65.5	124.0	119 500*b													28.0
30.0	57.1	121.3	102 200*	62.2	122.9	114 800*													30.0
32.0	53.5	119.8	97 400*	58.8	121.7	110 000*													32.0
34.0	49.7	118.1	92 900*	55.3	120.3	105 100*													34.0
36.0	45.6	116.1	88 700*	51.6	118.7	100 400*	64.5	122.6	129 100*										36.0
38.0	41.3	113.8	84 800*	47.6	116.8	95 800*	61.2	121.5	125 300*										38.0
40.0	36.4	111.1	81 500*	43.4	114.7	91 500*	57.7	120.2	120 900*										40.0
42.0	30.9	107.9	78 700*	38.8	112.3	87 600*	54.1	118.7	116 300*										42.0
44.0	24.1	103.7	77 000*	33.7	109.3	84 300*	50.4	117.1	111 600*										44.0
46.0				27.6	105.6	81 700*	46.4	115.1	106 900*	59.9	119.3	127 800*							46.0
48.0				19.8	100.6	80 400*	42.1	112.9	102 400*	56.4	117.9	121 500*							48.0
50.0							37.3	110.3	98 100*	52.8	116.4	116 000*							50.0
52.0							31.9	107.2	94 300*	48.9	114.7	110 900*							52.0
54.0							25.5	103.2	91 100*	44.8	112.6	106 100*							54.0
56.0							16.6	97.3	89 300*	40.4	110.3	101 700*	54.8	114.9	94 000*				56.0
58.0										35.4	107.5	97 500*	51.0	113.3	90 100*				58.0
60.0										29.7	104.1	93 600*	47.1	111.4	86 500*				60.0
62.0										22.6	99.6	89 900*	42.8	109.3	83 100*				62.0
64.0										11.3	92.1	86 200*	38.2	106.7	79 900*	52.6	111.1	73 400*	64.0
66.0													32.9	103.7	76 900*	48.8	109.3	70 600*	66.0
68.0													26.7	99.9	74 000*	44.7	107.3	68 000*	68.0
70.0													18.4	94.5	71 200*	40.2	104.9	65 500*	70.0
72.0																35.3	102.1	63 100*	72.0
74.0																29.5	98.7	60 800*	74.0
76.0																22.4	94.2	58 600*	76.0

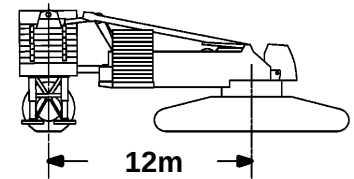
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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



85.3m (280 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	73.9	132.3	110 900* b																21.3
22.0	73.0	132.1	109 800* b																22.0
24.0	70.3	131.4	106 300* b																24.0
26.0	67.6	130.5	102 500*	71.7	131.5	112 500* b													26.0
28.0	64.9	129.6	98 600*	69.0	130.7	109 200* b													28.0
30.0	62.0	128.5	94 500*	66.2	129.8	105 500*													30.0
32.0	59.1	127.3	90 400*	63.4	128.8	101 600*													32.0
34.0	56.0	125.9	86 400*	60.5	127.6	97 600*													34.0
36.0	52.9	124.4	82 500*	57.5	126.3	93 500*													36.0
38.0	49.6	122.7	78 800*	54.4	124.9	89 500*	65.4	128.4	114 800*										38.0
40.0	46.1	120.7	75 300*	51.2	123.3	85 600*	62.5	127.3	111 700*										40.0
42.0	42.4	118.5	72 200*	47.8	121.4	81 800*	59.6	126.2	108 100*										42.0
44.0	38.4	116.0	69 300*	44.2	119.4	78 300*	56.6	124.8	104 400*										44.0
46.0	33.9	113.1	66 900*	40.4	117.1	75 000*	53.5	123.3	100 600*										46.0
48.0	28.8	109.6	64 900*	36.2	114.3	72 100*	50.2	121.7	96 600*	61.5	125.2	115 200*							48.0
50.0	22.7	105.1	63 800*	31.4	111.1	69 600*	46.7	119.8	92 700*	58.5	124.0	114 400*							50.0
52.0				25.9	107.2	67 800*	43.1	117.6	88 900*	55.4	122.6	109 800*							52.0
54.0				18.7	101.8	66 900*	39.1	115.2	85 300*	52.3	121.0	105 100*							54.0
56.0							34.8	112.3	81 900*	48.9	119.3	100 700*							56.0
58.0							29.8	108.9	79 000*	45.4	117.3	96 600*	57.1	121.0	88 900*				58.0
60.0							23.9	104.6	76 600*	41.6	115.0	92 700*	54.0	119.5	85 300*				60.0
62.0							15.8	98.5	75 300*	37.6	112.4	89 100*	50.8	117.9	82 000*				62.0
64.0										33.0	109.4	85 700*	47.3	116.0	78 800*				64.0
66.0										27.8	105.7	82 500*	43.7	113.9	75 900*				66.0
68.0										21.3	101.0	79 400*	39.8	111.6	73 100*				68.0
70.0										11.2	93.2	76 300*	35.5	108.8	70 400*	48.8	113.9	64 300*	70.0
72.0													30.7	105.5	67 900*	45.3	111.9	62 000*	72.0
74.0													25.0	101.4	65 400*	41.5	109.7	59 800*	74.0
76.0													17.5	95.7	63 100*	37.4	107.1	57 700*	76.0
78.0																32.9	104.0	55 600*	78.0
80.0																27.6	100.3	53 700*	80.0

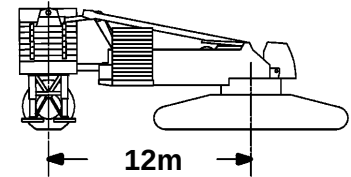
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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



85.3m (280 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.1	138.2	97 700*b																22.9
24.0	72.8	137.9	96 100*b																24.0
26.0	70.4	137.1	93 200*																26.0
28.0	68.0	136.3	90 000*	71.6	137.2	98 900*b													28.0
30.0	65.6	135.4	86 800*	69.2	136.5	96 100*													30.0
32.0	63.1	134.3	83 300*	66.8	135.6	93 000*													32.0
34.0	60.5	133.2	79 900*	64.3	134.6	89 900*													34.0
36.0	57.9	131.9	76 600*	61.8	133.5	86 500*													36.0
38.0	55.2	130.5	73 300*	59.2	132.3	83 200*													38.0
40.0	52.4	129.0	70 100*	56.6	131.0	79 800*	66.0	134.2	101 800*										40.0
42.0	49.5	127.3	67 100*	53.8	129.5	76 500*	63.5	133.2	99 400*										42.0
44.0	46.5	125.3	64 300*	51.0	127.9	73 200*	61.0	132.1	96 500*										44.0
46.0	43.2	123.2	61 600*	48.0	126.1	70 200*	58.4	130.8	93 500*										46.0
48.0	39.8	120.8	59 300*	44.8	124.0	67 200*	55.7	129.5	90 400*										48.0
50.0	36.0	118.1	57 100*	41.5	121.8	64 500*	52.9	127.9	87 100*										50.0
52.0	31.9	114.9	55 300*	37.9	119.2	62 100*	50.0	126.2	83 800*	60.1	129.9	101 800*							52.0
54.0	27.2	111.2	53 900*	34.0	116.3	59 900*	47.0	124.4	80 600*	57.4	128.6	101 100*							54.0
56.0	21.5	106.4	53 200*	29.6	112.9	58 000*	43.8	122.3	77 400*	54.7	127.2	98 700*							56.0
58.0				24.4	108.7	56 700*	40.4	119.9	74 400*	51.9	125.6	94 900*							58.0
60.0				17.8	103.0	56 100*	36.7	117.3	71 500*	48.9	123.9	91 100*							60.0
62.0							32.7	114.2	68 900*	45.9	121.9	87 600*	56.2	125.6	80 200*				62.0
64.0							28.1	110.6	66 600*	42.6	119.7	84 200*	53.4	124.1	77 100*				64.0
66.0							22.6	106.0	64 800*	39.1	117.3	81 100*	50.6	122.5	74 100*				66.0
68.0							15.1	99.6	63 900*	35.3	114.5	78 100*	47.6	120.6	71 400*				68.0
70.0										31.1	111.2	75 200*	44.4	118.6	68 800*				70.0
72.0										26.2	107.3	72 500*	41.0	116.3	66 300*	51.8	120.2	60 100*	72.0
74.0										20.2	102.2	69 900*	37.4	113.7	63 900*	48.8	118.5	58 000*	74.0
76.0										11.0	94.2	67 300*	33.4	110.7	61 700*	45.8	116.5	55 900*	76.0
78.0													28.9	107.2	59 500*	42.5	114.4	54 000*	78.0
80.0													23.6	102.8	57 500*	39.0	111.9	52 100*	80.0
84.0																30.9	105.8	48 600*	84.0
88.0																20.0	96.7	45 300*	88.0

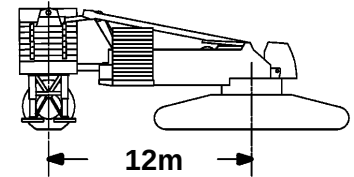
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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



85.3m (280 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	74.2	144.1	86 400*																24.4
26.0	72.6	143.6	84 500*																26.0
28.0	70.5	142.9	82 100*																28.0
30.0	68.3	142.1	79 500*	71.5	143.0	87 200*													30.0
32.0	66.2	141.2	76 800*	69.4	142.2	84 900*													32.0
34.0	63.9	140.2	74 000*	67.2	141.4	82 500*													34.0
36.0	61.7	139.1	71 200*	65.0	140.4	79 900*													36.0
38.0	59.4	137.9	68 400*	62.8	139.4	77 200*													38.0
40.0	57.0	136.6	65 600*	60.5	138.2	74 400*													40.0
42.0	54.6	135.1	62 900*	58.2	137.0	71 600*	66.5	140.0	90 200*										42.0
44.0	52.1	133.6	60 300*	55.8	135.6	68 800*	64.3	139.0	88 500*										44.0
46.0	49.5	131.9	57 900*	53.3	134.1	66 000*	62.1	138.0	86 400*										46.0
48.0	46.7	130.0	55 500*	50.7	132.5	63 400*	59.8	136.8	83 900*										48.0
50.0	43.9	127.9	53 300*	48.1	130.7	60 800*	57.4	135.5	81 400*										50.0
52.0	40.9	125.6	51 300*	45.3	128.7	58 400*	55.0	134.1	78 800*										52.0
54.0	37.6	123.0	49 500*	42.4	126.5	56 100*	52.5	132.5	76 100*	61.3	135.8	89 600*							54.0
56.0	34.1	120.1	47 900*	39.2	124.0	54 000*	49.9	130.8	73 400*	58.9	134.6	89 600*							56.0
58.0	30.3	116.7	46 500*	35.9	121.3	52 100*	47.2	129.0	70 700*	56.6	133.3	88 900*							58.0
60.0	25.8	112.7	45 500*	32.2	118.2	50 400*	44.4	126.9	68 100*	54.1	131.8	86 800*							60.0
62.0	20.5	107.7	45 100*	28.1	114.5	49 100*	41.4	124.7	65 500*	51.6	130.2	84 500*							62.0
64.0	13.0	100.4	45 500*	23.3	110.1	48 100*	38.2	122.2	63 100*	48.9	128.5	82 100*	57.8	131.6	75 700*				64.0
66.0				17.1	104.2	47 700*	34.8	119.3	60 800*	46.2	126.5	79 600*	55.4	130.3	72 900*				66.0
68.0							31.0	116.0	58 800*	43.3	124.4	76 900*	53.0	128.7	70 100*				68.0
70.0							26.7	112.2	57 000*	40.3	122.1	74 200*	50.4	127.1	67 500*				70.0
72.0							21.6	107.4	55 600*	37.0	119.4	71 500*	47.7	125.2	65 100*				72.0
74.0							14.7	100.7	54 900*	33.4	116.4	69 000*	44.9	123.2	62 800*				74.0
76.0										29.5	113.0	66 600*	41.9	121.0	60 600*				76.0
78.0										24.9	108.8	64 300*	38.8	118.5	58 400*	48.9	123.1	52 700*	78.0
80.0										19.3	103.5	62 100*	35.4	115.7	56 400*	46.1	121.2	50 800*	80.0
84.0													27.5	108.8	52 700*	40.2	116.7	47 400*	84.0
88.0													16.1	98.0	49 100*	33.3	111.0	44 300*	88.0
92.0																24.8	103.4	40 900*	92.0
96.0																10.5	89.6	37 600*	96.0

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

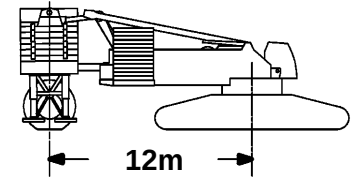


Liftcrane Luffing Jib Capacities

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
 390 090 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**



85.3m (280 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

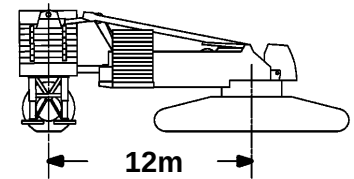
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.4	150.0	76 300*																25.9
26.0	74.3	150.0	76 200*																26.0
28.0	72.4	149.4	74 300*																28.0
30.0	70.5	148.6	72 300*																30.0
32.0	68.6	147.9	70 100*	71.4	148.7	76 900*													32.0
34.0	66.6	147.0	67 900*	69.5	148.0	75 000*													34.0
36.0	64.6	146.0	65 500*	67.6	147.1	73 000*													36.0
38.0	62.6	144.9	63 200*	65.6	146.2	70 800*													38.0
40.0	60.5	143.8	60 800*	63.6	145.2	68 600*													40.0
42.0	58.4	142.6	58 500*	61.6	144.1	66 300*													42.0
44.0	56.3	141.2	56 200*	59.5	142.9	63 900*													44.0
46.0	54.1	139.8	54 000*	57.3	141.6	61 600*	65.0	144.9	78 800*										46.0
48.0	51.8	138.2	51 900*	55.1	140.2	59 300*	63.0	143.8	77 100*										48.0
50.0	49.4	136.5	49 800*	52.9	138.7	57 000*	60.9	142.7	75 100*										50.0
52.0	47.0	134.6	47 900*	50.6	137.1	54 800*	58.8	141.5	73 200*										52.0
54.0	44.4	132.5	46 000*	48.2	135.3	52 700*	56.7	140.1	71 000*										54.0
56.0	41.7	130.3	44 400*	45.7	133.3	50 700*	54.5	138.7	68 800*										56.0
58.0	38.9	127.8	42 800*	43.0	131.2	48 800*	52.2	137.1	66 500*	60.1	140.5	79 100*							58.0
60.0	35.8	125.1	41 400*	40.3	128.8	47 000*	49.8	135.4	64 300*	58.0	139.3	79 100*							60.0
62.0	32.5	122.0	40 200*	37.3	126.2	45 400*	47.4	133.6	62 000*	55.9	137.9	78 300*							62.0
64.0	28.9	118.4	39 200*	34.2	123.3	43 900*	44.9	131.6	59 800*	53.6	136.4	76 400*							64.0
66.0	24.7	114.2	38 500*	30.7	120.0	42 600*	42.2	129.4	57 700*	51.3	134.8	74 500*							66.0
68.0	19.7	109.0	38 200*	26.8	116.1	41 600*	39.4	126.9	55 600*	49.0	133.1	72 500*							68.0
70.0	12.7	101.5	38 600*	22.3	111.5	40 900*	36.4	124.3	53 700*	46.5	131.1	70 400*	54.8	134.9	65 800*				70.0
72.0				16.5	105.3	40 700*	33.1	121.2	51 800*	43.9	129.1	68 300*	52.6	133.4	63 300*				72.0
74.0							29.6	117.8	50 200*	41.2	126.8	66 100*	50.3	131.7	61 000*				74.0
76.0							25.5	113.7	48 800*	38.3	124.3	64 000*	47.8	129.9	58 900*				76.0
78.0							20.7	108.7	47 800*	35.2	121.5	61 900*	45.3	127.9	56 800*				78.0
80.0							14.3	101.8	47 300*	31.9	118.3	59 900*	42.7	125.7	54 800*	51.3	129.4	49 000*	80.0
84.0										23.8	110.3	56 300*	36.9	120.7	51 100*	46.4	125.8	45 600*	84.0
88.0										10.9	96.4	52 100*	30.2	114.3	47 700*	41.1	121.4	42 000*	88.0
92.0													21.6	105.6	44 600*	35.1	116.1	38 800*	92.0
96.0																28.0	109.2	35 700*	96.0
100.0																18.4	99.2	32 900*	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
390 090 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



85.3m (280 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	74.5	155.9	67 600*																27.4
28.0	74.0	155.8	67 200*																28.0
30.0	72.3	155.1	65 600*																30.0
32.0	70.5	154.4	63 900*																32.0
34.0	68.8	153.6	62 100*	71.4	154.5	68 000*													34.0
36.0	67.0	152.7	60 200*	69.6	153.8	66 500*													36.0
38.0	65.2	151.8	58 200*	67.9	152.9	64 800*													38.0
40.0	63.3	150.8	56 300*	66.1	152.0	63 000*													40.0
42.0	61.5	149.7	54 300*	64.2	151.1	61 200*													42.0
44.0	59.6	148.5	52 300*	62.4	150.0	59 200*													44.0
46.0	57.6	147.2	50 400*	60.5	148.9	57 300*	67.3	151.6	71 300*										46.0
48.0	55.7	145.9	48 500*	58.6	147.6	55 300*	65.5	150.6	70 300*										48.0
50.0	53.6	144.4	46 700*	56.6	146.3	53 400*	63.7	149.6	68 900*										50.0
52.0	51.5	142.8	44 900*	54.6	144.9	51 400*	61.8	148.6	67 400*										52.0
54.0	49.4	141.1	43 200*	52.6	143.3	49 500*	59.9	147.4	65 800*										54.0
56.0	47.1	139.2	41 600*	50.4	141.7	47 700*	58.0	146.1	64 100*										56.0
58.0	44.8	137.2	40 000*	48.2	139.9	46 000*	56.0	144.8	62 200*										58.0
60.0	42.4	135.0	38 600*	46.0	137.9	44 300*	54.0	143.3	60 400*	61.1	146.4	69 900*							60.0
62.0	39.9	132.6	37 300*	43.6	135.8	42 700*	51.9	141.7	58 500*	59.2	145.2	69 900*							62.0
64.0	37.2	130.0	36 100*	41.1	133.5	41 200*	49.8	140.0	56 600*	57.3	143.9	69 900*							64.0
66.0	34.3	127.1	35 000*	38.5	131.0	39 800*	47.5	138.2	54 700*	55.3	142.5	69 100*							66.0
68.0	31.1	123.8	34 100*	35.7	128.3	38 500*	45.2	136.2	52 800*	53.2	141.0	67 600*							68.0
70.0	27.7	120.1	33 300*	32.7	125.2	37 300*	42.8	134.1	51 000*	51.1	139.4	66 100*							70.0
72.0	23.8	115.7	32 800*	29.4	121.7	36 400*	40.3	131.7	49 300*	49.0	137.7	64 400*	56.4	140.9	62 000*				72.0
74.0	19.0	110.2	32 600*	25.7	117.7	35 600*	37.7	129.1	47 600*	46.7	135.8	62 600*	54.3	139.5	59 700*				74.0
76.0	12.5	102.6	33 100*	21.5	112.8	35 100*	34.8	126.3	46 100*	44.4	133.7	60 900*	52.3	137.9	57 600*				76.0
78.0				16.0	106.5	35 000*	31.7	123.1	44 700*	41.9	131.5	59 000*	50.1	136.3	55 500*				78.0
80.0							28.3	119.4	43 300*	39.4	129.1	57 200*	47.9	134.5	53 600*				80.0
84.0							19.9	110.0	41 400*	33.7	123.4	53 700*	43.3	130.4	49 900*	51.1	134.1	43 800*	84.0
88.0										27.0	116.2	50 500*	38.1	125.5	46 600*	46.6	130.4	40 300*	88.0
92.0										18.0	106.0	48 100*	32.3	119.6	43 500*	41.8	126.1	37 200*	92.0
96.0													25.2	111.9	40 600*	36.5	121.0	34 200*	96.0
100.0													15.1	100.3	37 900*	30.4	114.7	31 500*	100.0
104.0																22.8	106.2	28 900*	104.0
108.0																10.5	91.7	26 300*	108.0

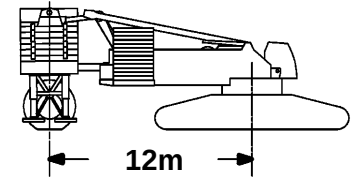


Liftcrane Luffing Jib Capacities

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
 390 090 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**



85.3m (280 Ft.) Boom, 76.2m (250 Ft.) Luffing Jib

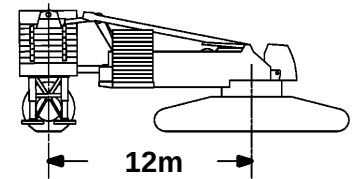
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
29.0	74.6	161.9	59 700*																29.0
30.0	73.7	161.5	59 000*																30.0
32.0	72.1	160.9	57 700*																32.0
34.0	70.5	160.2	56 300*																34.0
36.0	68.9	159.4	54 700*	71.3	160.3	60 000*													36.0
38.0	67.3	158.5	53 100*	69.7	159.5	58 700*													38.0
40.0	65.6	157.6	51 500*	68.1	158.7	57 300*													40.0
42.0	64.0	156.6	49 900*	66.5	157.8	55 900*													42.0
44.0	62.3	155.6	48 200*	64.8	156.9	54 300*													44.0
46.0	60.5	154.4	46 600*	63.1	155.8	52 700*													46.0
48.0	58.8	153.2	44 900*	61.4	154.7	51 100*													48.0
50.0	57.0	151.9	43 300*	59.6	153.6	49 400*	65.9	156.4	62 400*										50.0
52.0	55.1	150.5	41 800*	57.9	152.3	47 800*	64.3	155.5	61 300*										52.0
54.0	53.3	149.0	40 200*	56.0	150.9	46 200*	62.6	154.4	60 100*										54.0
56.0	51.3	147.4	38 700*	54.2	149.5	44 600*	60.8	153.3	58 800*										56.0
58.0	49.3	145.6	37 300*	52.3	147.9	43 000*	59.1	152.1	57 400*										58.0
60.0	47.3	143.8	36 000*	50.3	146.3	41 500*	57.3	150.8	56 000*										60.0
62.0	45.2	141.8	34 700*	48.3	144.5	40 000*	55.5	149.4	54 400*	61.9	152.3	61 200*							62.0
64.0	43.0	139.7	33 500*	46.2	142.6	38 600*	53.6	147.9	52 900*	60.2	151.1	61 200*							64.0
66.0	40.7	137.3	32 400*	44.1	140.5	37 200*	51.7	146.3	51 300*	58.4	149.9	61 200*							66.0
68.0	38.2	134.8	31 300*	41.8	138.2	36 000*	49.7	144.6	49 700*	56.6	148.6	61 200*							68.0
70.0	35.7	132.1	30 400*	39.4	135.8	34 800*	47.7	142.8	48 200*	54.8	147.2	60 800*							70.0
72.0	32.9	129.0	29 600*	36.9	133.2	33 600*	45.6	140.9	46 600*	52.9	145.6	59 600*							72.0
74.0	29.9	125.6	28 900*	34.3	130.3	32 700*	43.4	138.7	45 100*	51.0	144.0	58 300*							74.0
76.0	26.7	121.7	28 300*	31.4	127.0	31 800*	41.1	136.4	43 600*	49.0	142.3	57 000*	55.8	145.6	55 800*				76.0
78.0	22.9	117.1	27 900*	28.3	123.4	31 000*	38.7	133.9	42 200*	46.9	140.4	55 500*	53.9	144.1	53 700*				78.0
80.0	18.4	111.5	27 900*	24.8	119.2	30 400*	36.1	131.2	40 800*	44.8	138.4	54 100*	52.0	142.6	51 900*				80.0
84.0				15.6	107.7	30 100*	30.5	124.9	38 500*	40.2	133.8	51 000*	48.0	139.1	48 200*				84.0
88.0							23.6	116.7	36 600*	35.2	128.4	48 100*	43.8	135.0	44 900*	50.9	138.6	38 000*	88.0
92.0							13.6	104.0	35 400*	29.3	121.8	45 300*	39.1	130.3	41 900*	46.8	135.0	34 800*	92.0
96.0										22.1	113.1	43 000*	33.9	124.7	39 100*	42.5	130.8	32 000*	96.0
100.0										10.7	98.5	38 200*	27.9	117.7	36 400*	37.7	125.9	29 300*	100.0
104.0													20.1	108.2	33 600*	32.3	119.9	26 800*	104.0
108.0																25.9	112.4	24 500*	108.0
112.0																17.3	101.7	22 200*	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
390 090 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



85.3m (280 Ft.) Boom, 82.3m (270 Ft.) Luffing Jib

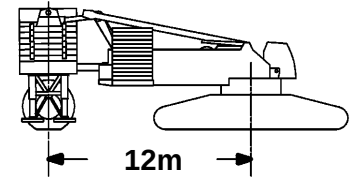
Jib Oper. Rad. m	87 Degree Boom Angle				85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		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		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
30.5	74.6	167.8	52 800*																						30.5
32.0	73.5	167.3	52 000*																						32.0
34.0	72.1	166.6	50 800*																						34.0
36.0	70.6	165.9	49 600*																						36.0
38.0	69.1	165.1	48 400*		71.3	166.0	53 000*																		38.0
40.0	67.6	164.3	47 100*		69.8	165.3	52 000*																		40.0
42.0	66.0	163.4	45 700*		68.3	164.5	50 800*																		42.0
44.0	64.5	162.4	44 300*		66.8	163.6	49 600*																		44.0
46.0	62.9	161.4	42 900*		65.3	162.7	48 300*																		46.0
48.0	61.3	160.3	41 500*		63.7	161.7	47 000*																		48.0
50.0	59.7	159.1	40 200*		62.1	160.6	45 600*																		50.0
52.0	58.1	157.9	38 800*		60.5	159.5	44 200*		66.3	162.2	55 400*														52.0
54.0	56.4	156.5	37 400*		58.9	158.2	42 900*		64.8	161.3	54 600*														54.0
56.0	54.7	155.1	36 100*		57.2	156.9	41 500*		63.2	160.3	53 700*														56.0
58.0	52.9	153.6	34 800*		55.5	155.6	40 100*		61.6	159.2	52 600*														58.0
60.0	51.2	152.0	33 600*		53.8	154.1	38 800*		60.0	158.0	51 500*														60.0
62.0	49.3	150.2	32 400*		52.0	152.5	37 500*		58.4	156.8	50 300*														62.0
64.0	47.4	148.4	31 300*		50.2	150.9	36 200*		56.7	155.4	49 100*		62.6	158.1	53 700*										64.0
66.0	45.5	146.4	30 200*		48.4	149.1	34 900*		55.0	154.0	47 800*		61.0	157.0	53 700*										66.0
68.0	43.4	144.3	29 200*		46.4	147.2	33 700*		53.3	152.5	46 500*		59.4	155.9	53 700*										68.0
70.0	41.3	142.1	28 200*		44.4	145.1	32 600*		51.5	150.9	45 200*		57.8	154.6	53 700*										70.0
72.0	39.1	139.6	27 300*		42.4	142.9	31 500*		49.7	149.2	43 800*		56.1	153.2	53 700*										72.0
74.0	36.8	136.9	26 500*		40.2	140.6	30 500*		47.8	147.4	42 500*		54.4	151.8	53 600*										74.0
76.0	34.4	134.1	25 800*		38.0	138.0	29 500*		45.8	145.5	41 200*		52.6	150.2	52 700*										76.0
78.0	31.7	130.9	25 100*		35.6	135.2	28 700*		43.8	143.4	39 900*		50.8	148.6	51 700*		57.0	151.6	51 100*						78.0
80.0	28.9	127.3	24 600*		33.0	132.2	27 900*		41.7	141.1	38 700*		49.0	146.9	50 600*		55.3	150.2	50 500*						80.0
84.0	22.2	118.5	23 900*		27.3	125.0	26 600*		37.2	136.1	36 400*		45.1	143.0	48 100*		51.8	147.2	46 900*						84.0
88.0	12.2	104.7	24 300*		20.1	115.5	25 900*		32.2	130.1	34 300*		40.9	138.6	45 500*		48.1	143.7	43 700*						88.0
92.0									26.3	122.7	32 500*		36.4	133.4	41 700*		44.2	139.7	40 700*		50.8	143.2	33 100*		92.0
96.0									18.8	112.5	31 200*		31.2	127.2	38 000*		39.9	135.1	37 800*		47.0	139.6	30 300*		96.0
100.0													25.1	119.3	34 400*		35.2	129.7	34 900*		43.0	135.5	27 600*		100.0
104.0													17.0	108.4	31 100*		29.9	123.2	32 200*		38.6	130.7	25 200*		104.0
108.0																	23.5	114.9	29 700*		33.8	125.0	22 900*		108.0
112.0																	14.5	102.5	27 200*		28.2	118.1	20 800*		112.0
116.0																					21.3	109.0	18 700*		116.0
120.0																					10.4	93.9	16 600*		120.0

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
 390 090 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



91.4m (300 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	73.5	120.8	140 800*d																16.8
18.0	70.7	120.3	140 000*c																18.0
20.0	66.1	119.4	137 600*b																20.0
22.0	61.4	118.3	131 900*b	68.9	119.7	141 600*c													22.0
24.0	56.3	116.9	126 200*b	64.2	118.7	139 300*b													24.0
26.0	50.9	115.2	120 600*	59.3	117.5	134 100*b													26.0
28.0	45.0	113.2	115 300*	54.2	116.0	128 400*b													28.0
30.0	38.3	110.7	110 700*	48.6	114.2	122 800*													30.0
32.0	30.2	107.4	107 300*	42.4	112.0	117 600*	64.0	117.5	143 700*b										32.0
34.0				35.2	109.2	113 200*	59.1	116.3	141 900*b										34.0
36.0				26.3	105.4	110 100*	53.9	114.8	138 300*										36.0
38.0				10.3	98.1	109 800*	48.3	113.0	132 600*										38.0
40.0							42.1	110.8	127 200*										40.0
42.0							34.9	108.0	122 400*	58.6	114.3	140 700*b							42.0
44.0							25.8	104.1	118 500*	53.3	112.8	133 600*							44.0
46.0										47.7	110.9	127 000*							46.0
48.0										41.4	108.7	121 000*							48.0
50.0										34.0	105.8	115 400*							50.0
52.0										24.6	101.7	110 100*	52.2	109.9	101 800*				52.0
54.0													46.4	108.0	97 400*				54.0
56.0													40.0	105.6	93 300*				56.0
58.0													32.3	102.6	89 400*				58.0
60.0													22.1	98.1	85 600*	50.4	106.2	78 700*	60.0
62.0																44.4	104.1	75 500*	62.0
64.0																37.6	101.6	72 600*	64.0
66.0																29.4	98.1	69 700*	66.0
68.0																17.3	92.7	66 800*	68.0

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.

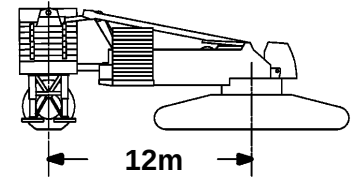
Capacities indicated by **(d)** require
 25 400 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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



91.4m (300 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	73.9	126.7	126 800*c																18.3
20.0	70.8	126.1	124 300*c																20.0
22.0	67.0	125.2	119 900*b																22.0
24.0	63.2	124.2	115 200*b	69.2	125.5	126 400*b													24.0
26.0	59.2	122.9	110 300*	65.5	124.5	122 400*b													26.0
28.0	55.0	121.5	105 500*	61.6	123.4	117 700*b													28.0
30.0	50.5	119.8	100 800*	57.5	122.1	112 900*													30.0
32.0	45.8	117.9	96 400*	53.2	120.6	108 100*													32.0
34.0	40.5	115.6	92 500*	48.7	118.8	103 400*	65.3	123.3	128 400*b										34.0
36.0	34.6	112.7	89 100*	43.7	116.7	99 000*	61.4	122.2	126 700*										36.0
38.0	27.4	109.0	86 800*	38.2	114.2	95 100*	57.3	120.9	122 700*										38.0
40.0				31.9	111.1	91 800*	53.0	119.4	118 100*										40.0
42.0				23.9	106.9	89 700*	48.4	117.6	113 500*										42.0
44.0				10.3	99.2	90 600*	43.5	115.5	109 000*										44.0
46.0							38.0	112.9	104 700*	56.9	118.9	126 300*							46.0
48.0							31.5	109.8	100 900*	52.5	117.3	120 200*							48.0
50.0							23.5	105.5	98 000*	47.9	115.5	114 700*							50.0
52.0										42.9	113.4	109 600*							52.0
54.0										37.3	110.8	104 900*	56.0	116.1	96 400*				54.0
56.0										30.8	107.5	100 500*	51.6	114.5	92 300*				56.0
58.0										22.4	103.1	96 200*	46.9	112.6	88 600*				58.0
60.0													41.8	110.4	85 000*				60.0
62.0													36.1	107.7	81 600*				62.0
64.0													29.2	104.2	78 400*	50.1	110.7	71 500*	64.0
66.0													20.2	99.3	75 300*	45.3	108.8	68 800*	66.0
68.0																40.0	106.4	66 300*	68.0
70.0																34.0	103.5	63 800*	70.0
72.0																26.6	99.7	61 400*	72.0
74.0																16.0	93.8	59 000*	74.0

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

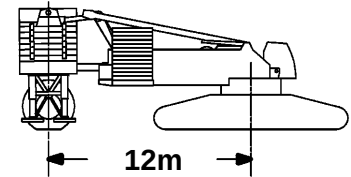
Capacities indicated by (c) require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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



91.4m (300 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.1	132.6	112 100*c																19.8
20.0	73.8	132.5	111 800*c																20.0
22.0	70.8	131.8	108 500*b																22.0
24.0	67.6	131.0	104 700*b																24.0
26.0	64.4	130.0	100 700*	69.5	131.2	111 000*b													26.0
28.0	61.1	128.9	96 700*	66.3	130.3	107 400*b													28.0
30.0	57.7	127.6	92 600*	63.1	129.3	103 500*													30.0
32.0	54.1	126.1	88 500*	59.7	128.1	99 500*													32.0
34.0	50.3	124.4	84 700*	56.2	126.7	95 400*													34.0
36.0	46.3	122.5	81 000*	52.6	125.2	91 400*	66.2	129.1	114 400*										36.0
38.0	42.0	120.3	77 700*	48.7	123.4	87 500*	62.9	128.1	112 500*										38.0
40.0	37.2	117.7	74 800*	44.6	121.4	83 800*	59.6	126.9	109 100*										40.0
42.0	31.8	114.5	72 500*	40.1	119.0	80 500*	56.1	125.5	105 300*										42.0
44.0	25.3	110.5	70 900*	35.1	116.2	77 500*	52.4	124.0	101 400*										44.0
46.0				29.4	112.8	75 100*	48.5	122.2	97 600*										46.0
48.0				22.2	108.2	73 700*	44.4	120.1	93 800*	59.2	124.9	114 100*							48.0
50.0				10.3	100.2	74 600*	39.9	117.8	90 100*	55.7	123.5	112 400*							50.0
52.0							34.9	114.9	86 700*	52.0	121.9	108 000*							52.0
54.0							29.1	111.4	83 800*	48.1	120.1	103 400*							54.0
56.0							21.8	106.8	81 700*	43.9	118.1	99 000*							56.0
58.0										39.4	115.6	95 000*	54.9	120.7	86 700*				58.0
60.0										34.3	112.7	91 200*	51.2	119.1	83 200*				60.0
62.0										28.4	109.2	87 600*	47.3	117.2	80 000*				62.0
64.0										20.8	104.3	84 100*	43.0	115.1	76 900*				64.0
66.0													38.4	112.6	74 000*				66.0
68.0													33.2	109.6	71 200*	49.9	115.3	64 400*	68.0
70.0													27.0	105.8	68 500*	45.9	113.4	62 000*	70.0
72.0													18.9	100.6	66 000*	41.5	111.2	59 800*	72.0
74.0																36.7	108.5	57 600*	74.0
76.0																31.3	105.3	55 500*	76.0
78.0																24.6	101.2	53 600*	78.0
80.0																15.2	94.9	51 500*	80.0

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

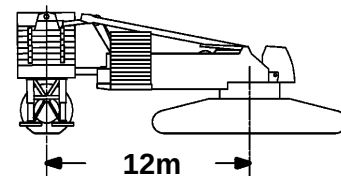
Capacities indicated by (c) require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

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
390 090 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



91.4m (300 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.3	138.5	99 200* b																21.3
22.0	73.4	138.3	98 200* b																22.0
24.0	70.8	137.6	95 400* b																24.0
26.0	68.1	136.7	92 200*	72.4	137.7	100 500* b													26.0
28.0	65.3	135.8	88 800*	69.7	137.0	98 100* b													28.0
30.0	62.5	134.7	85 400*	67.0	136.1	95 000*													30.0
32.0	59.5	133.6	81 900*	64.2	135.1	91 700*													32.0
34.0	56.5	132.2	78 500*	61.3	134.0	88 400*													34.0
36.0	53.4	130.7	75 200*	58.3	132.8	85 000*													36.0
38.0	50.1	129.0	72 000*	55.3	131.4	81 500*													38.0
40.0	46.7	127.1	69 000*	52.1	129.8	78 200*	64.0	133.9	100 400*										40.0
42.0	43.0	125.0	66 200*	48.7	128.0	74 900*	61.2	132.8	97 600*										42.0
44.0	39.0	122.5	63 700*	45.2	126.0	71 900*	58.2	131.6	94 500*										44.0
46.0	34.7	119.7	61 600*	41.4	123.8	69 000*	55.1	130.1	91 300*										46.0
48.0	29.7	116.3	59 900*	37.3	121.2	66 500*	51.9	128.6	88 100*										48.0
50.0	23.8	112.0	58 800*	32.7	118.1	64 200*	48.6	126.8	84 800*	60.8	130.8	101 500*							50.0
52.0				27.4	114.4	62 500*	45.0	124.8	81 500*	57.9	129.6	101 200*							52.0
54.0				20.8	109.5	61 500*	41.3	122.5	78 400*	54.8	128.1	99 300*							54.0
56.0				10.3	101.3	62 400*	37.1	119.9	75 500*	51.6	126.5	96 400*							56.0
58.0							32.5	116.8	72 900*	48.2	124.7	93 400*							58.0
60.0							27.2	113.1	70 600*	44.6	122.7	90 200*							60.0
62.0							20.5	108.1	69 100*	40.8	120.4	86 700*	54.1	125.3	78 800*				62.0
64.0							9.4	99.5	68 900*	36.6	117.7	83 400*	50.9	123.7	75 700*				64.0
66.0										32.0	114.6	80 200*	47.5	121.8	72 900*				66.0
68.0										26.5	110.7	77 200*	43.9	119.8	70 200*				68.0
70.0										19.6	105.6	74 400*	40.0	117.4	67 600*				70.0
72.0													35.7	114.6	65 100*	49.8	119.9	58 600*	72.0
74.0													30.9	111.4	62 800*	46.3	118.0	56 500*	74.0
76.0													25.3	107.3	60 600*	42.6	115.9	54 500*	76.0
78.0													17.8	101.7	58 400*	38.6	113.4	52 500*	78.0
80.0																34.2	110.5	50 700*	80.0
84.0																23.1	102.6	47 200*	84.0

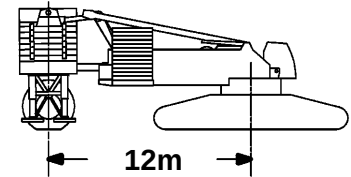
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 390 090 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**



91.4m (300 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			65 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.5	144.4	87 300* ^b																22.9
24.0	73.1	144.1	86 000* ^b																24.0
26.0	70.8	143.3	83 600*																26.0
28.0	68.4	142.5	80 900*	72.2	143.5	88 100* ^b													28.0
30.0	66.0	141.6	78 200*	69.8	142.7	86 300*													30.0
32.0	63.5	140.6	75 300*	67.4	141.9	83 700*													32.0
34.0	61.0	139.5	72 500*	65.0	140.9	81 100*													34.0
36.0	58.4	138.2	69 600*	62.5	139.9	78 300*													36.0
38.0	55.7	136.9	66 800*	59.9	138.7	75 400*													38.0
40.0	52.9	135.3	64 000*	57.3	137.4	72 600*	67.3	140.7	89 900*										40.0
42.0	50.0	133.6	61 400*	54.5	136.0	69 700*	64.9	139.8	89 200*										42.0
44.0	47.0	131.8	59 000*	51.7	134.4	67 000*	62.4	138.7	86 800*										44.0
46.0	43.8	129.7	56 700*	48.8	132.6	64 300*	59.8	137.5	84 400*										46.0
48.0	40.4	127.3	54 600*	45.7	130.7	61 800*	57.1	136.2	81 800*										48.0
50.0	36.7	124.7	52 700*	42.4	128.5	59 400*	54.4	134.8	79 100*										50.0
52.0	32.6	121.6	51 100*	38.9	126.0	57 200*	51.6	133.2	76 400*	62.1	136.7	89 100*							52.0
54.0	28.0	117.9	49 900*	35.1	123.2	55 300*	48.6	131.4	73 700*	59.5	135.5	89 100*							54.0
56.0	22.5	113.3	49 100*	30.8	119.9	53 600*	45.5	129.4	71 000*	56.9	134.2	88 700*							56.0
58.0				25.9	115.9	52 300*	42.3	127.2	68 400*	54.1	132.8	86 800*							58.0
60.0				19.8	110.8	51 700*	38.7	124.7	65 900*	51.3	131.1	84 400*							60.0
62.0				10.2	102.4	52 500*	34.9	121.9	63 600*	48.3	129.4	81 900*							62.0
64.0							30.6	118.6	61 600*	45.2	127.4	79 300*	56.3	131.4	73 800*				64.0
66.0							25.7	114.6	59 800*	41.9	125.1	76 800*	53.5	129.9	71 000*				66.0
68.0							19.5	109.4	58 600*	38.3	122.6	74 200*	50.7	128.3	68 400*				68.0
70.0							9.6	100.6	58 600*	34.4	119.7	71 700*	47.7	126.4	65 800*				70.0
72.0										30.1	116.4	69 400*	44.5	124.4	63 500*				72.0
74.0										25.1	112.2	67 300*	41.2	122.1	61 200*				74.0
76.0										18.7	106.8	65 400*	37.6	119.6	59 000*	49.7	124.5	52 600*	76.0
78.0													33.6	116.6	57 000*	46.7	122.7	50 700*	78.0
80.0													29.1	113.1	55 000*	43.4	120.5	49 000*	80.0
84.0													17.0	102.9	51 200*	36.3	115.5	45 600*	84.0
88.0																27.5	108.6	42 500*	88.0
92.0																14.0	97.1	39 300*	92.0

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