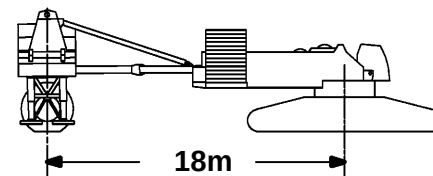


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m Position
360 Degree Rating

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

18000 With
21000 MAX-ER



LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and may be based on percent of tipping, strength of structural components, some operating speeds and other factors. Capacities based on structural competence are denoted by an asterisk (*).

Luffing Jib Backward Stability: Capacities indicated by (b) require 9 530 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 16 780 kg minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 25 400 kg minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b), (c) or (d) without required minimum weights.** Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause luffing hoist to go slack causing wire rope damage or failure.

Wheeled counterweight must be attached to shear frame and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground. Refer to operators manual for wheel positioning. Exit MAX-ER mode before operating without wheeled counterweight.

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

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with mast up and bearing turntable level within a tolerance of 13 mm in 3m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. 87 degree boom angle requires 61.0m minimum boom length. Refer to luffing jib assembly **No. A08238**, Wire Rope Specification chart **No. 8592-A or 8592-B**, Counterweight Arrangement chart **No. 8577-A** and Luffing Jib Raising Procedure chart **No. 8596-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and

physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8599-A**. Maximum available travel speed is 0.7 MPH (0.3 m/s). Travel with load (pick and carry) is not restricted with available travel speed.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

MACHINE EQUIPMENT: Machine equipped with MAX-ER, 11 811 mm crawlers, 1 524 mm treads, 9.1m live mast, 42.7m mast, 16 part boom hoist reeving, boom support straps, 24 part luffing jib hoist reeving, luffing jib and backstay support straps, 223 170 kg crane counterweight, 145 150 kg carbody counterweight and 210 470 kg wheeled counterweight.

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

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42.7m Mast No. 56

223 170 kg Crane Counterweight

145 150 kg Carbody Counterweight

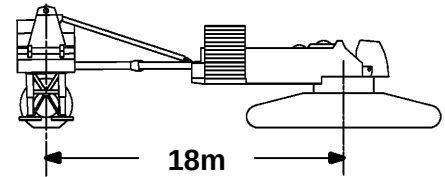
210 470 kg Wheeled Counterweight

at 18m 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.	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	72.3	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	304 700*													22.0
24.0	54.9	73.7	280 800*													24.0
26.0	49.4	72.0	248 000*	60.6	74.6	253 300*										26.0
28.0	43.3	69.9	222 100*	55.5	73.2	234 400*										28.0
30.0	36.3	67.2	196 500*	50.0	71.5	218 000*										30.0
32.0	27.7	63.6	160 600*	44.0	69.4	203 500*	55.9	72.3	197 400*							32.0
34.0				37.2	66.8	190 600*	50.4	70.6	185 000*							34.0
36.0				28.8	63.4	173 500*	44.5	68.6	173 900*	50.5	69.3	159 000*				36.0
38.0				16.2	57.7	135 000*	37.7	66.0	163 900*	44.6	67.2	150 300*				38.0
40.0							29.5	62.6	154 800*	37.8	64.7	142 300*	50.3	67.4	138 000*	40.0
42.0							17.5	57.3	140 000*	29.7	61.3	135 000*	44.3	65.4	131 000*	42.0
44.0													37.5	62.8	124 500*	44.0
46.0													29.2	59.4	118 500*	46.0
48.0													17.0	53.9	112 800*	48.0
50.0																50.0

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42.7m Mast No. 56

223 170 kg Crane Counterweight

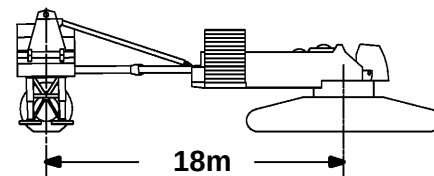
145 150 kg Carbody Counterweight

210 470 kg Wheeled Counterweight
at 18m 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	252 500*										26.0
28.0	53.8	78.3	227 400*	62.6	80.5	233 700*										28.0
30.0	49.3	76.6	205 600*	58.5	79.3	217 400*										30.0
32.0	44.4	74.5	187 200*	54.3	77.8	203 000*	62.8	79.6	196 500*							32.0
34.0	39.0	72.1	171 500*	49.8	76.1	190 300*	58.8	78.3	184 300*							34.0
36.0	32.8	69.1	157 100*	45.0	74.1	178 900*	54.6	76.9	173 300*							36.0
38.0	25.2	65.0	132 400*	39.7	71.7	168 700*	50.2	75.2	163 400*							38.0
40.0				33.6	68.8	159 100*	45.4	73.2	154 500*	54.7	75.6	149 500*				40.0
42.0				26.1	64.9	143 900*	40.1	70.9	146 400*	50.3	73.9	141 700*				42.0
44.0				15.1	58.8	113 200*	34.0	68.0	138 900*	45.5	71.9	134 500*				44.0
46.0							26.7	64.2	132 100*	40.2	69.5	127 900*	50.0	72.1	123 800*	46.0
48.0							16.2	58.4	119 600*	34.2	66.6	121 800*	45.2	70.1	117 900*	48.0
50.0										26.9	62.9	116 200*	39.9	67.7	112 500*	50.0
52.0													33.9	64.7	107 500*	52.0
54.0													26.5	60.9	102 700*	54.0
56.0													15.8	55.0	98 100*	56.0

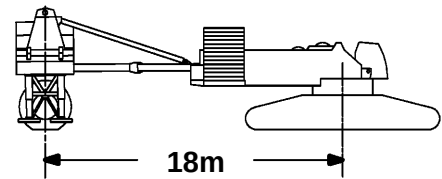
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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	216 100*										30.0
32.0	53.1	82.9	188 600*	60.6	85.2	201 600*										32.0
34.0	49.3	81.2	172 800*	57.1	83.9	189 000*										34.0
36.0	45.2	79.2	159 200*	53.5	82.4	177 700*	60.8	84.3	171 800*							36.0
38.0	40.8	76.9	147 300*	49.7	80.7	167 600*	57.4	83.0	161 900*							38.0
40.0	35.9	74.1	136 800*	45.6	78.7	158 400*	53.8	81.5	153 100*							40.0
42.0	30.2	70.8	125 800*	41.3	76.5	149 000*	50.0	79.8	145 100*							42.0
44.0	23.3	66.4	106 900*	36.4	73.8	138 100*	45.9	77.9	137 700*	53.8	80.2	133 000*				44.0
46.0				30.9	70.5	128 600*	41.6	75.6	131 000*	50.1	78.5	126 500*				46.0
48.0				24.2	66.3	117 100*	36.8	73.0	124 800*	46.0	76.5	120 500*				48.0
50.0				14.4	59.8	93 300*	31.3	69.8	119 000*	41.7	74.3	115 000*	49.9	76.6	111 000*	50.0
52.0							24.7	65.7	113 700*	36.9	71.7	109 900*	45.8	74.7	106 100*	52.0
54.0							15.3	59.5	102 800*	31.5	68.5	105 100*	41.5	72.4	101 500*	54.0
56.0										24.9	64.4	100 600*	36.7	69.8	97 100*	56.0
58.0													31.2	66.6	93 000*	58.0
60.0													24.5	62.4	89 100*	60.0
62.0													14.9	56.1	85 300*	62.0

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42.7m Mast No. 56

223 170 kg Crane Counterweight

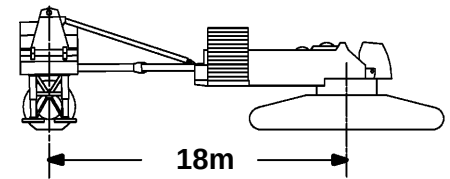
145 150 kg Carbody Counterweight

 210 470 kg Wheeled Counterweight
at 18m 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	200 600*										32.0
34.0	55.7	89.1	173 500*	62.0	91.1	188 000*										34.0
36.0	52.5	87.5	160 200*	59.1	89.9	176 800*										36.0
38.0	49.2	85.8	148 100*	56.0	88.6	166 700*										38.0
40.0	45.7	83.8	137 600*	52.9	87.0	157 600*	59.3	89.0	152 100*							40.0
42.0	42.0	81.6	128 300*	49.6	85.3	148 900*	56.3	87.6	144 100*							42.0
44.0	37.9	79.1	119 900*	46.1	83.4	139 000*	53.1	86.1	136 800*							44.0
46.0	33.4	76.1	112 300*	42.4	81.2	129 400*	49.8	84.4	130 100*	56.3	86.3	125 500*				46.0
48.0	28.2	72.5	103 700*	38.4	78.7	121 000*	46.4	82.5	124 000*	53.2	84.8	119 500*				48.0
50.0	21.9	67.8	88 300*	33.9	75.8	113 300*	42.7	80.3	118 300*	49.9	83.1	114 100*				50.0
52.0				28.9	72.2	106 400*	38.7	77.8	113 100*	46.4	81.2	109 000*				52.0
54.0				22.7	67.7	97 700*	34.3	75.0	108 100*	42.8	79.0	104 300*	49.7	81.2	100 500*	54.0
56.0				13.8	60.9	78 300*	29.3	71.5	103 600*	38.8	76.5	99 900*	46.3	79.3	96 200*	56.0
58.0							23.2	67.1	99 100*	34.4	73.6	95 700*	42.6	77.2	92 100*	58.0
60.0							14.6	60.6	87 500*	29.4	70.2	91 800*	38.6	74.7	88 400*	60.0
62.0										23.3	65.8	88 000*	34.1	71.7	84 800*	62.0
64.0										14.9	59.3	84 400*	29.1	68.2	81 400*	64.0
66.0													23.0	63.8	78 200*	66.0
68.0													14.3	57.2	75 100*	68.0

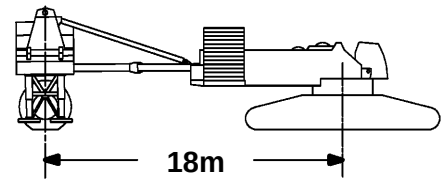


Liftcrane Luffing Jib Capacities

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
 210 470 kg Wheeled Counterweight
 at 18m 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

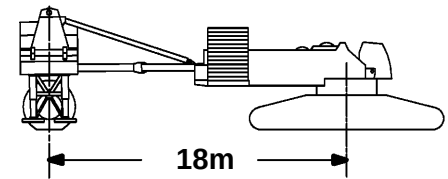
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	186 600*										34.0
36.0	57.6	95.1	153 900*	63.1	97.0	175 300*										36.0
38.0	54.9	93.7	146 000*	60.6	95.8	165 300*										38.0
40.0	52.1	92.1	137 300*	57.9	94.6	156 200*										40.0
42.0	49.2	90.4	127 800*	55.2	93.2	147 900*	60.7	94.9	142 500*							42.0
44.0	46.1	88.4	119 500*	52.4	91.6	138 500*	58.1	93.7	135 200*							44.0
46.0	42.9	86.3	111 900*	49.5	89.9	128 900*	55.4	92.2	128 600*							46.0
48.0	39.4	83.9	105 100*	46.5	88.0	120 500*	52.6	90.7	122 500*							48.0
50.0	35.6	81.1	99 000*	43.2	85.9	112 900*	49.7	89.0	116 900*	55.5	90.9	112 500*				50.0
52.0	31.4	77.9	93 300*	39.8	83.5	106 000*	46.7	87.1	111 700*	52.7	89.4	107 400*				52.0
54.0	26.6	74.0	86 300*	36.1	80.8	99 800*	43.5	85.0	106 800*	49.8	87.7	102 800*				54.0
56.0	20.8	69.1	73 100*	31.9	77.6	94 100*	40.1	82.6	102 300*	46.8	85.8	98 400*				56.0
58.0				27.2	73.8	88 800*	36.3	79.9	98 100*	43.6	83.7	94 300*	49.7	85.8	90 600*	58.0
60.0				21.5	69.1	81 700*	32.2	76.8	94 100*	40.1	81.3	90 500*	46.6	83.9	86 800*	60.0
62.0				13.4	62.0	65 800*	27.6	73.1	89 400*	36.4	78.6	86 800*	43.4	81.8	83 300*	62.0
64.0							22.0	68.4	84 100*	32.3	75.5	83 400*	40.0	79.4	80 000*	64.0
66.0							14.1	61.7	73 700*	27.7	71.8	80 100*	36.2	76.7	76 900*	66.0
68.0										22.1	67.2	77 000*	32.1	73.6	74 000*	68.0
70.0										14.3	60.4	74 000*	27.4	69.9	71 200*	70.0
72.0													21.8	65.2	68 500*	72.0
74.0													13.8	58.3	65 900*	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
210 470 kg Wheeled Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements
Similar To
AS1418.1 and
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**18000 With
21000 MAX-ER**



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

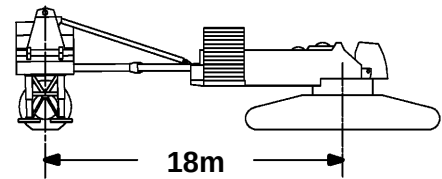
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	153 200*										40.0
42.0	54.3	98.3	124 200*	59.4	100.5	147 200*										42.0
44.0	51.8	96.7	118 200*	57.0	99.2	138 000*										44.0
46.0	49.2	95.0	111 500*	54.6	97.8	128 500*	59.6	99.6	127 500*							46.0
48.0	46.4	93.1	104 700*	52.1	96.2	120 000*	57.2	98.3	121 400*							48.0
50.0	43.6	91.0	98 500*	49.5	94.5	112 400*	54.8	96.9	115 800*							50.0
52.0	40.5	88.6	92 900*	46.7	92.6	105 500*	52.3	95.3	110 600*	57.2	96.9	106 300*				52.0
54.0	37.3	86.0	87 700*	43.9	90.5	99 300*	49.7	93.6	105 800*	54.8	95.5	101 600*				54.0
56.0	33.7	83.1	82 900*	40.9	88.2	93 600*	46.9	91.7	101 400*	52.3	94.0	97 300*				56.0
58.0	29.8	79.6	78 300*	37.6	85.7	88 400*	44.1	89.7	97 200*	49.7	92.3	93 300*				58.0
60.0	25.3	75.6	72 300*	34.1	82.7	83 600*	41.1	87.4	93 300*	47.0	90.4	89 400*	52.2	92.2	85 700*	60.0
62.0	19.8	70.4	61 300*	30.3	79.4	79 100*	37.9	84.8	89 000*	44.2	88.3	85 800*	49.6	90.4	82 200*	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	82 400*	46.9	88.6	79 000*	64.0
66.0				20.5	70.4	68 900*	30.6	78.6	79 600*	38.0	83.5	79 200*	44.0	86.5	75 900*	66.0
68.0				13.0	63.1	55 700*	26.2	74.7	75 300*	34.5	80.6	76 200*	41.0	84.2	73 000*	68.0
70.0							21.0	69.8	71 000*	30.7	77.3	73 400*	37.8	81.6	70 300*	70.0
72.0							13.7	62.7	62 800*	26.3	73.4	70 700*	34.3	78.7	67 700*	72.0
74.0										21.1	68.5	68 000*	30.5	75.4	65 200*	74.0
76.0										13.9	61.5	65 500*	26.1	71.4	62 800*	76.0
78.0													20.8	66.5	60 600*	78.0
80.0													13.5	59.3	58 300*	80.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

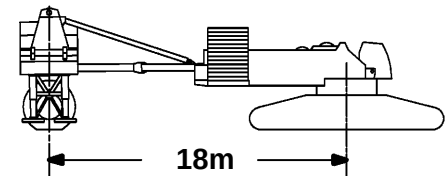
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	119 900*							48.0
50.0	49.2	99.6	97 200*	54.1	102.4	111 200*	58.6	104.3	114 300*							50.0
52.0	46.7	97.7	91 800*	51.8	100.8	104 300*	56.4	102.9	109 100*							52.0
54.0	44.1	95.6	86 600*	49.4	99.1	98 100*	54.2	101.5	104 300*							54.0
56.0	41.4	93.4	81 800*	47.0	97.2	92 400*	52.0	99.9	99 900*	56.5	101.6	95 700*				56.0
58.0	38.6	90.9	77 500*	44.4	95.2	87 200*	49.6	98.2	95 700*	54.3	100.1	91 700*				58.0
60.0	35.5	88.1	73 400*	41.7	92.9	82 500*	47.2	96.3	91 800*	52.0	98.6	87 900*				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	84 300*				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	81 000*	51.9	96.7	77 300*	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	77 800*	49.5	95.0	74 300*	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	74 800*	47.1	93.2	71 400*	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	72 000*	44.5	91.1	68 700*	70.0
72.0				19.7	71.7	57 900*	29.2	80.3	67 000*	36.1	85.6	69 300*	41.8	88.9	66 200*	72.0
74.0				12.8	64.2	46 900*	25.1	76.2	63 400*	32.9	82.5	66 800*	39.0	86.4	63 800*	74.0
76.0							20.1	71.1	59 800*	29.2	79.0	64 400*	36.0	83.7	61 500*	76.0
78.0							13.4	63.8	53 100*	25.1	74.9	62 100*	32.7	80.6	59 300*	78.0
80.0										20.2	69.8	59 800*	29.1	77.1	57 100*	80.0
84.0													20.0	67.8	53 200*	84.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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

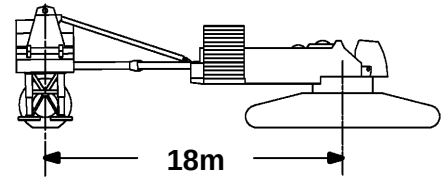
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	108 000*							52.0
54.0	49.1	104.2	84 900*	53.6	107.0	96 500*	57.8	108.9	103 200*							54.0
56.0	46.9	102.3	81 000*	51.5	105.4	91 700*	55.8	107.6	98 800*							56.0
58.0	44.6	100.3	76 600*	49.4	103.7	86 300*	53.8	106.1	94 600*	57.8	107.6	90 500*				58.0
60.0	42.1	98.1	72 500*	47.2	101.8	81 600*	51.7	104.5	90 700*	55.9	106.2	86 700*				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	83 200*				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	79 800*				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	76 700*				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	73 700*	51.6	101.3	70 300*	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	70 900*	49.5	99.6	67 600*	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	68 300*	47.3	97.8	65 000*	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	65 800*	44.9	95.8	62 600*	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	63 400*	42.5	93.6	60 300*	76.0
78.0				19.0	72.9	48 800*	28.0	82.0	56 700*	34.6	87.6	61 100*	40.0	91.2	58 200*	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	56 100*	80.0
84.0							13.1	64.9	45 200*	24.2	76.4	53 900*	31.3	82.5	52 200*	84.0
88.0										13.3	63.7	47 900*	24.0	74.4	48 700*	88.0
92.0													12.9	61.5	45 300*	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
 210 470 kg Wheeled Counterweight
 at 18m 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

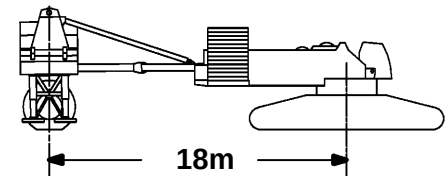
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	78 300*				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	75 100*				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	72 200*				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	69 400*				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	66 800*	51.4	105.9	63 500*	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	64 300*	49.4	104.2	61 100*	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	58 800*	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	59 700*	45.3	100.4	56 600*	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	57 600*	43.1	98.3	54 600*	80.0
84.0				18.4	74.2	40 700*	26.9	83.6	47 600*	33.2	89.5	52 900*	38.4	93.4	50 800*	84.0
88.0							18.8	73.6	42 400*	27.0	82.3	47 800*	33.1	87.6	47 300*	88.0
92.0										18.9	72.3	42 700*	26.8	80.4	44 100*	92.0
96.0													18.7	70.3	41 100*	96.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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

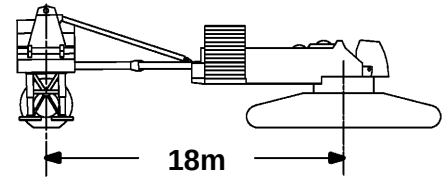
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	57 600*	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	55 500*	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	53 400*	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	49 600*	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	46 200*	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	43 000*	92.0
96.0							12.7	67.1	31 300*	22.6	79.2	35 100*	29.0	86.0	39 000*	96.0
100.0										12.8	65.9	31 600*	22.4	77.3	35 200*	100.0
104.0													12.5	63.7	31 800*	104.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

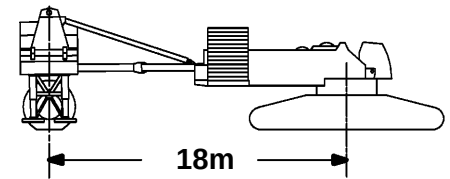
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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
210 470 kg Wheeled Counterweight
at 18m 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

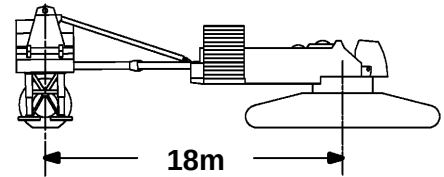
210 470 kg Wheeled Counterweight

at 18m 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	250 700* b										26.0
28.0	45.0	76.5	228 700*	58.2	80.0	232 000*										28.0
30.0	38.3	74.0	205 900*	53.0	78.5	215 800*										30.0
32.0	30.2	70.7	172 700*	47.3	76.6	201 500*	59.9	79.3	194 400*							32.0
34.0				40.9	74.3	188 800*	54.8	77.9	182 200*							34.0
36.0				33.5	71.4	177 400*	49.2	76.1	171 300*							36.0
38.0				23.8	67.2	159 100*	43.1	74.0	161 500*							38.0
40.0							36.1	71.3	152 600*	50.8	75.1	147 100*				40.0
42.0							27.4	67.6	144 400*	44.9	73.1	139 400*				42.0
44.0							13.4	61.2	134 300*	38.1	70.6	132 300*				44.0
46.0										30.0	67.2	125 700*	46.1	71.6	121 200*	46.0
48.0										18.5	62.1	119 400*	39.6	69.2	115 400*	48.0
50.0													31.8	66.0	110 000*	50.0
52.0													21.3	61.4	104 900*	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

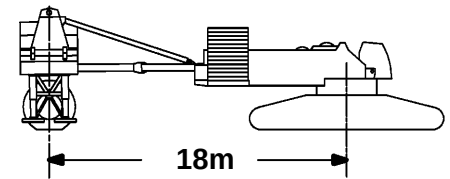
145 150 kg Carbody Counterweight

210 470 kg Wheeled Counterweight
at 18m 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	231 400*										28.0
30.0	50.5	83.1	205 300*	60.7	86.0	215 100*										30.0
32.0	45.8	81.2	191 800*	56.6	84.6	200 900*										32.0
34.0	40.5	78.9	175 400*	52.2	83.1	188 300*	62.0	85.2	181 400*							34.0
36.0	34.6	76.0	161 300*	47.6	81.2	177 000*	58.0	83.9	170 500*							36.0
38.0	27.4	72.3	144 600*	42.5	79.0	166 900*	53.7	82.5	160 800*							38.0
40.0				36.9	76.4	157 800*	49.2	80.7	152 000*							40.0
42.0				30.3	73.1	149 400*	44.3	78.7	144 000*	54.9	81.3	138 600*				42.0
44.0				21.7	68.5	135 500*	38.9	76.2	136 700*	50.4	79.7	131 600*				44.0
46.0							32.6	73.2	130 000*	45.7	77.7	125 100*				46.0
48.0							24.9	69.1	123 700*	40.4	75.4	119 200*				48.0
50.0							12.7	62.3	115 000*	34.4	72.5	113 700*	46.6	76.2	109 400*	50.0
52.0										27.2	68.8	108 600*	41.5	73.9	104 500*	52.0
54.0										17.1	63.2	103 600*	35.7	71.2	99 900*	54.0
56.0													28.8	67.7	95 600*	56.0
58.0													19.6	62.7	91 400*	58.0

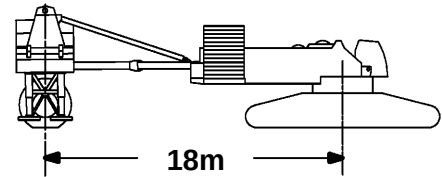
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 18m 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	213 700*										30.0
32.0	54.1	89.4	179 900*	62.3	91.9	199 400*										32.0
34.0	50.3	87.7	169 000*	59.0	90.6	186 900*										34.0
36.0	46.3	85.8	158 800*	55.4	89.2	175 800*										36.0
38.0	42.0	83.6	149 200*	51.7	87.7	165 700*	60.1	89.9	159 300*							38.0
40.0	37.2	81.0	139 800*	47.8	85.8	156 700*	56.6	88.6	150 500*							40.0
42.0	31.8	77.8	130 000*	43.6	83.7	148 400*	53.0	87.1	142 600*							42.0
44.0	25.3	73.8	116 900*	39.1	81.3	140 900*	49.1	85.3	135 400*							44.0
46.0				33.9	78.4	133 800*	45.1	83.3	128 800*	54.0	85.9	123 600*				46.0
48.0				27.9	74.7	124 700*	40.6	81.0	122 700*	50.2	84.3	117 700*				48.0
50.0				20.2	69.8	111 100*	35.7	78.2	117 000*	46.2	82.3	112 300*				50.0
52.0							30.1	74.9	111 800*	41.9	80.1	107 300*	51.0	82.7	102 900*	52.0
54.0							23.1	70.5	106 900*	37.1	77.5	102 700*	47.0	80.8	98 400*	54.0
56.0							12.3	63.3	96 900*	31.7	74.3	98 300*	42.8	78.7	94 200*	56.0
58.0										25.2	70.3	94 200*	38.1	76.1	90 200*	58.0
60.0										16.1	64.3	90 100*	32.8	73.1	86 500*	60.0
62.0													26.6	69.2	83 000*	62.0
64.0													18.3	63.8	79 600*	64.0

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42.7m Mast No. 56

223 170 kg Crane Counterweight

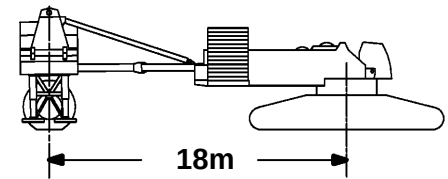
145 150 kg Carbody Counterweight

210 470 kg Wheeled Counterweight
at 18m 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

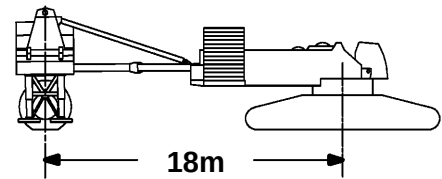
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	198 400*										32.0
34.0	56.5	95.5	158 800*	63.5	97.7	185 900*										34.0
36.0	53.4	94.0	150 100*	60.6	96.6	174 800*										36.0
38.0	50.1	92.3	141 800*	57.7	95.3	164 800*										38.0
40.0	46.7	90.4	133 900*	54.6	93.9	155 800*	61.6	95.8	149 500*							40.0
42.0	43.0	88.3	126 500*	51.4	92.2	147 600*	58.7	94.6	141 600*							42.0
44.0	39.0	85.8	119 700*	48.0	90.4	140 100*	55.6	93.2	134 400*							44.0
46.0	34.7	83.0	113 600*	44.4	88.4	133 200*	52.5	91.7	127 800*							46.0
48.0	29.7	79.6	107 300*	40.6	86.1	125 600*	49.1	89.9	121 800*	56.5	92.1	116 700*				48.0
50.0	23.8	75.3	96 500*	36.4	83.4	117 400*	45.6	87.9	116 200*	53.3	90.6	111 300*				50.0
52.0				31.6	80.2	110 100*	41.9	85.7	111 100*	50.1	88.9	106 400*				52.0
54.0				26.1	76.3	103 400*	37.8	83.2	106 300*	46.6	87.0	101 800*				54.0
56.0				19.1	71.0	92 800*	33.3	80.2	101 800*	42.9	84.8	97 500*	50.7	87.3	93 200*	56.0
58.0							28.1	76.5	97 600*	38.9	82.4	93 400*	47.3	85.4	89 300*	58.0
60.0							21.7	71.8	93 500*	34.6	79.5	89 600*	43.7	83.3	85 600*	60.0
62.0							12.0	64.4	83 500*	29.6	76.1	85 900*	39.8	80.9	82 100*	62.0
64.0										23.6	71.7	82 500*	35.5	78.2	78 900*	64.0
66.0										15.3	65.4	79 200*	30.6	74.9	75 800*	66.0
68.0													24.9	70.7	72 900*	68.0
70.0													17.3	65.0	70 000*	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

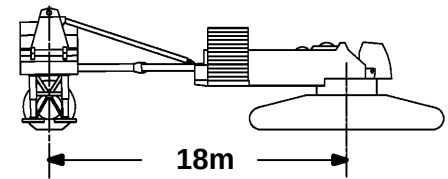
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	180 800*										34.0
36.0	58.3	101.5	140 500*	64.4	103.6	173 900*										36.0
38.0	55.7	100.1	133 600*	61.9	102.5	163 300*										38.0
40.0	52.9	98.6	126 900*	59.3	101.3	154 300*										40.0
42.0	50.0	96.9	120 400*	56.7	99.9	146 200*										42.0
44.0	47.0	95.1	114 200*	53.9	98.5	138 700*	60.2	100.5	132 800*							44.0
46.0	43.8	93.0	108 400*	51.1	96.8	131 900*	57.6	99.2	126 300*							46.0
48.0	40.4	90.6	103 000*	48.1	95.0	125 000*	54.9	97.8	120 300*							48.0
50.0	36.7	87.9	98 000*	45.0	93.0	116 800*	52.0	96.3	114 800*							50.0
52.0	32.6	84.9	93 600*	41.7	90.8	109 600*	49.1	94.5	109 600*	55.6	96.7	104 700*				52.0
54.0	28.0	81.2	89 000*	38.1	88.2	103 000*	46.0	92.6	104 900*	52.8	95.2	100 100*				54.0
56.0	22.5	76.6	80 000*	34.2	85.3	97 000*	42.8	90.4	100 400*	49.9	93.5	95 900*				56.0
58.0				29.8	81.9	91 500*	39.3	88.0	96 300*	46.9	91.6	91 900*				58.0
60.0				24.7	77.8	86 300*	35.5	85.2	92 400*	43.7	89.5	88 100*	50.5	91.9	84 000*	60.0
62.0				18.2	72.2	77 600*	31.3	82.0	88 700*	40.3	87.1	84 600*	47.5	90.0	80 600*	62.0
64.0				5.9	61.3	57 800*	26.5	78.1	85 100*	36.6	84.5	81 200*	44.3	88.0	77 300*	64.0
66.0							20.6	73.1	81 800*	32.5	81.4	78 100*	41.0	85.7	74 300*	66.0
68.0							11.8	65.4	72 200*	27.9	77.7	75 100*	37.3	83.1	71 500*	68.0
70.0										22.4	73.1	72 200*	33.4	80.1	68 800*	70.0
72.0										14.8	66.5	69 500*	28.9	76.6	66 200*	72.0
74.0													23.6	72.2	63 800*	74.0
76.0													16.6	66.2	61 400*	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
210 470 kg Wheeled Counterweight
at 18m 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

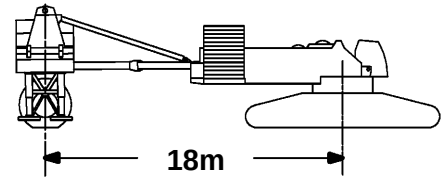
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	151 100*										40.0
42.0	55.0	104.8	113 800*	60.6	107.2	145 500*										42.0
44.0	52.5	103.2	108 500*	58.3	105.9	137 700*										44.0
46.0	49.9	101.5	103 400*	55.9	104.6	130 900*	61.4	106.4	125 100*							46.0
48.0	47.2	99.7	98 500*	53.4	103.1	124 200*	59.1	105.2	119 100*							48.0
50.0	44.3	97.6	93 800*	50.9	101.4	116 400*	56.7	103.9	113 600*							50.0
52.0	41.4	95.3	89 500*	48.2	99.7	109 100*	54.2	102.4	108 500*							52.0
54.0	38.2	92.8	85 400*	45.4	97.7	102 500*	51.7	100.9	103 800*							54.0
56.0	34.7	90.0	81 700*	42.5	95.5	96 600*	49.1	99.1	99 400*	54.9	101.3	94 700*				56.0
58.0	30.9	86.7	78 400*	39.4	93.1	91 100*	46.4	97.2	95 300*	52.4	99.8	90 800*				58.0
60.0	26.6	82.8	74 900*	36.0	90.3	86 100*	43.5	95.1	91 400*	49.8	98.1	87 000*				60.0
62.0	21.4	78.0	67 200*	32.4	87.2	81 400*	40.4	92.7	87 800*	47.1	96.2	83 500*				62.0
64.0	14.5	71.2	55 500*	28.3	83.6	77 200*	37.2	90.1	84 300*	44.3	94.2	80 200*	50.3	96.5	76 200*	64.0
66.0				23.5	79.2	72 900*	33.6	87.2	81 100*	41.3	91.9	77 100*	47.7	94.6	73 200*	66.0
68.0				17.4	73.4	65 600*	29.7	83.7	78 000*	38.1	89.3	74 200*	44.9	92.6	70 400*	68.0
70.0				6.7	62.7	49 600*	25.2	79.6	74 600*	34.6	86.5	71 400*	41.9	90.4	67 800*	70.0
72.0							19.7	74.4	70 500*	30.8	83.2	68 700*	38.7	87.9	65 300*	72.0
74.0							11.6	66.5	61 500*	26.5	79.3	66 200*	35.3	85.1	62 900*	74.0
76.0										21.3	74.4	63 800*	31.6	81.9	60 600*	76.0
78.0										14.3	67.6	61 400*	27.4	78.2	58 400*	78.0
80.0													22.4	73.6	56 300*	80.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

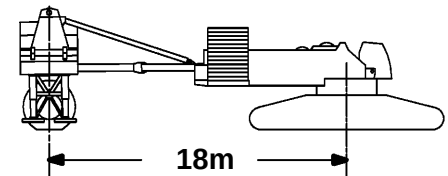
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	112 000*							50.0
52.0	47.4	104.3	85 600*	53.0	107.7	108 100*	58.1	109.9	107 000*							52.0
54.0	44.8	102.3	81 900*	50.7	106.0	101 500*	56.0	108.5	102 200*							54.0
56.0	42.2	100.1	78 400*	48.3	104.2	95 600*	53.8	107.1	97 900*							56.0
58.0	39.3	97.6	75 000*	45.8	102.3	90 100*	51.5	105.5	93 800*	56.6	107.4	89 100*				58.0
60.0	36.3	94.9	71 900*	43.2	100.2	85 100*	49.1	103.7	90 000*	54.4	105.9	85 500*				60.0
62.0	33.1	91.9	69 100*	40.4	97.8	80 500*	46.6	101.8	86 400*	52.1	104.4	81 900*				62.0
64.0	29.5	88.4	66 600*	37.5	95.2	76 200*	44.0	99.7	82 900*	49.7	102.7	78 700*				64.0
66.0	25.4	84.3	63 200*	34.3	92.3	72 300*	41.3	97.5	79 700*	47.3	100.8	75 600*				66.0
68.0	20.6	79.3	56 300*	30.9	89.0	68 600*	38.5	95.0	76 600*	44.8	98.8	72 700*	50.2	101.1	68 800*	68.0
70.0	14.1	72.3	46 500*	27.0	85.2	65 100*	35.4	92.2	73 600*	42.1	96.6	69 900*	47.8	99.2	66 200*	70.0
72.0				22.5	80.6	61 600*	32.1	89.0	69 900*	39.3	94.1	67 300*	45.3	97.3	63 700*	72.0
74.0				16.8	74.6	55 300*	28.4	85.4	66 400*	36.3	91.4	64 900*	42.6	95.1	61 300*	74.0
76.0				7.2	64.0	42 000*	24.1	81.1	63 000*	33.0	88.4	62 500*	39.8	92.7	59 100*	76.0
78.0							18.9	75.7	59 500*	29.4	84.9	60 300*	36.9	90.1	57 000*	78.0
80.0							11.4	67.6	52 300*	25.3	80.8	58 100*	33.7	87.1	55 000*	80.0
84.0										13.9	68.7	53 900*	26.2	79.7	51 100*	84.0
88.0													15.5	68.5	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
210 470 kg Wheeled Counterweight
at 18m 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

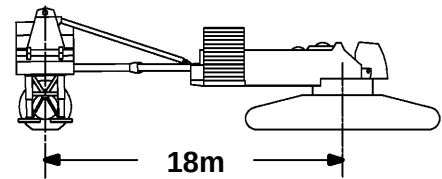
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	105 800*							52.0
54.0	49.7	110.7	78 100*	54.7	113.8	97 200*	59.3	115.8	101 100*							54.0
56.0	47.5	108.9	74 900*	52.7	112.3	93 600*	57.4	114.6	96 700*							56.0
58.0	45.2	106.9	71 900*	50.5	110.6	89 000*	55.4	113.2	92 600*							58.0
60.0	42.8	104.7	69 000*	48.3	108.8	84 000*	53.3	111.7	88 800*							60.0
62.0	40.3	102.4	66 300*	46.1	106.9	79 400*	51.2	110.1	85 200*	55.9	112.0	80 800*				62.0
64.0	37.6	99.8	63 700*	43.7	104.8	75 200*	49.1	108.3	81 800*	53.9	110.5	77 500*				64.0
66.0	34.7	96.9	61 300*	41.2	102.6	71 300*	46.8	106.4	78 600*	51.8	109.0	74 400*				66.0
68.0	31.7	93.7	59 200*	38.6	100.1	67 600*	44.5	104.4	75 600*	49.7	107.3	71 500*				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	68 800*				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	66 200*	50.1	105.7	62 500*	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	63 800*	47.9	103.8	60 200*	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	61 500*	45.6	101.9	58 000*	76.0
78.0				21.7	82.0	52 000*	30.7	90.8	59 000*	37.5	96.3	59 300*	43.2	99.8	55 800*	78.0
80.0				16.3	75.7	46 800*	27.2	87.0	56 200*	34.7	93.4	57 100*	40.7	97.4	53 800*	80.0
84.0							18.3	76.9	50 400*	28.2	86.6	53 200*	35.3	92.1	50 100*	84.0
88.0										19.7	77.1	49 600*	28.9	85.4	46 700*	88.0
92.0													20.7	76.3	43 500*	92.0
96.0													3.0	55.0	40 200*	96.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

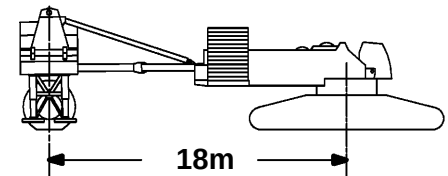
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	75 800*				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	72 800*				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	70 000*				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	67 300*				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	64 700*				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	62 300*	52.0	111.9	58 500*	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	60 000*	50.0	110.3	56 300*	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	57 800*	48.0	108.5	54 200*	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	55 700*	45.9	106.5	52 200*	80.0
84.0				20.9	83.3	43 800*	29.5	92.6	49 800*	36.0	98.4	51 800*	41.5	102.2	48 600*	84.0
88.0				7.8	66.4	29 600*	22.4	83.9	44 900*	30.4	92.0	48 300*	36.6	97.0	45 200*	88.0
92.0							11.2	69.7	37 500*	23.5	83.8	45 000*	31.0	90.8	42 100*	92.0
96.0										13.3	70.9	40 700*	24.2	82.8	39 200*	96.0
100.0													14.7	70.7	36 500*	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
210 470 kg Wheeled Counterweight
at 18m 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

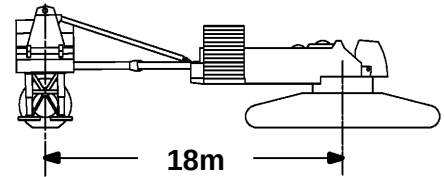
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	53 000*	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	51 000*	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	47 400*	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	44 000*	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	41 000*	92.0
96.0							17.3	79.3	31 500*	26.2	89.8	35 700*	32.6	96.0	38 200*	96.0
100.0										18.6	79.6	32 300*	26.9	88.7	35 500*	100.0
104.0													19.5	78.8	32 700*	104.0
108.0													5.2	58.9	29 700*	108.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

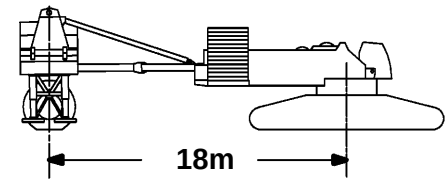
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	45 700*	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	41 400*	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	37 300*	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
210 470 kg Wheeled Counterweight
at 18m 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

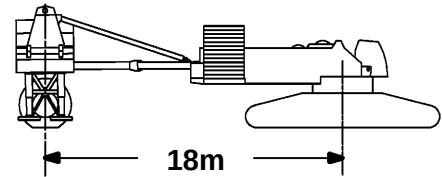
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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
 210 470 kg Wheeled Counterweight
 at 18m 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	247 900*b										26.0
28.0	39.7	80.9	188 100*	46.6	83.2	212 900*	60.9	86.7	229 400*b										28.0
30.0	32.0	77.8	173 500*	40.2	80.8	199 500*	55.8	85.3	213 300*										30.0
32.0	21.7	73.2	139 800*	32.6	77.8	184 100*	50.4	83.6	199 200*										32.0
34.0				22.5	73.4	145 800*	44.4	81.6	186 700*	58.8	84.9	179 100*b							34.0
36.0							37.6	79.0	175 400*	53.6	83.4	168 300*							36.0
38.0							29.3	75.6	165 300*	48.0	81.6	158 700*							38.0
40.0										41.7	79.4	149 900*	56.4	82.5	143 600*				40.0
42.0										34.5	76.5	141 900*	51.0	80.9	136 000*				42.0
44.0										25.2	72.5	134 500*	45.1	78.9	129 100*				44.0
46.0													38.5	76.4	122 700*				46.0
48.0													30.4	73.1	116 800*	47.8	77.7	111 800*	48.0
50.0													19.1	68.1	111 100*	41.5	75.4	106 600*	50.0
52.0																34.2	72.6	101 800*	52.0
54.0																24.8	68.5	97 200*	54.0

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

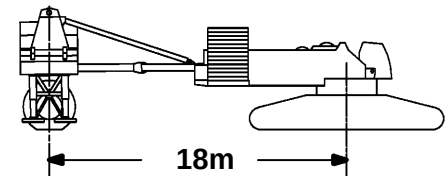
Capacities indicated by **(c)** require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 18m 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	228 700*										28.0
30.0	46.8	87.9	162 400*	51.8	89.7	185 200*	62.8	92.6	212 600*										30.0
32.0	41.6	85.6	152 700*	47.1	87.8	173 700*	58.8	91.4	198 500*										32.0
34.0	35.9	82.9	144 500*	42.0	85.6	163 200*	54.6	89.9	186 100*										34.0
36.0	29.0	79.4	138 000*	36.2	82.9	154 000*	50.1	88.2	175 000*										36.0
38.0	19.9	74.5	119 400*	29.5	79.5	146 400*	45.3	86.2	165 000*	57.1	89.5	157 900*							38.0
40.0				20.6	74.7	125 100*	40.0	83.9	155 900*	52.8	88.0	149 200*							40.0
42.0							33.9	81.0	147 700*	48.2	86.2	141 400*							42.0
44.0							26.6	77.2	140 100*	43.2	84.1	134 200*	55.1	87.1	128 200*				44.0
46.0										37.6	81.5	127 600*	50.6	85.5	121 900*				46.0
48.0										31.2	78.3	121 500*	45.9	83.5	116 200*				48.0
50.0										22.9	73.9	115 800*	40.6	81.2	110 800*				50.0
52.0													34.7	78.4	105 900*	48.0	82.3	101 000*	52.0
54.0													27.6	74.7	101 200*	43.0	80.2	96 700*	54.0
56.0													17.6	69.2	96 700*	37.5	77.6	92 500*	56.0
58.0																30.9	74.3	88 500*	58.0
60.0																22.6	69.9	84 800*	60.0

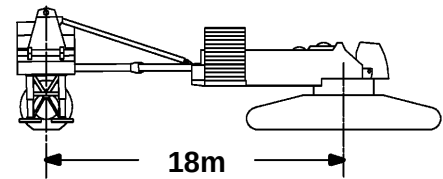
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 18m 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	197 000*										32.0
34.0	47.1	92.5	134 000*	51.3	94.3	153 000*	60.8	97.3	184 600*										34.0
36.0	42.9	90.3	126 500*	47.4	92.4	144 200*	57.3	96.0	173 600*										36.0
38.0	38.2	87.8	119 800*	43.2	90.3	135 900*	53.7	94.5	163 700*										38.0
40.0	33.0	84.8	114 100*	38.5	87.8	128 500*	49.9	92.8	154 700*	59.4	95.5	147 600*							40.0
42.0	26.8	81.0	109 800*	33.3	84.8	122 100*	45.9	90.9	146 600*	55.9	94.2	139 900*							42.0
44.0	18.5	75.7	98 500*	27.2	81.1	116 800*	41.5	88.6	139 200*	52.2	92.6	132 800*							44.0
46.0				19.2	75.9	104 300*	36.7	86.0	132 300*	48.3	90.8	126 300*							46.0
48.0							31.3	82.8	126 000*	44.2	88.7	120 300*	54.2	91.7	114 600*				48.0
50.0							24.6	78.6	120 200*	39.6	86.3	114 800*	50.4	90.1	109 300*				50.0
52.0										34.6	83.5	109 700*	46.4	88.2	104 400*				52.0
54.0										28.7	80.0	104 900*	42.1	85.9	99 900*				54.0
56.0										21.3	75.2	100 300*	37.3	83.3	95 700*	48.2	86.9	90 900*	56.0
58.0													32.0	80.2	91 700*	44.0	84.8	87 100*	58.0
60.0													25.5	76.2	87 800*	39.5	82.4	83 500*	60.0
62.0													16.6	70.4	84 100*	34.4	79.5	80 100*	62.0
64.0																28.5	76.0	76 800*	64.0
66.0																21.0	71.2	73 800*	66.0

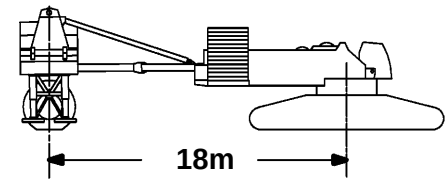
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 18m 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	183 900*										34.0
36.0	50.8	98.9	119 200*	54.2	100.5	136 000*	62.2	103.2	172 600*										36.0
38.0	47.4	97.1	112 800*	51.0	98.9	128 700*	59.3	102.0	162 700*										38.0
40.0	43.8	95.0	106 800*	47.6	97.0	121 800*	56.2	100.6	153 800*										40.0
42.0	39.9	92.6	101 400*	44.0	95.0	115 300*	53.1	99.1	145 700*	61.0	101.5	138 800*							42.0
44.0	35.6	89.9	96 700*	40.1	92.6	109 400*	49.8	97.4	138 300*	58.0	100.2	131 700*							44.0
46.0	30.8	86.6	92 700*	35.9	89.9	104 000*	46.3	95.5	131 600*	55.0	98.8	125 300*							46.0
48.0	25.1	82.5	89 600*	31.1	86.6	99 400*	42.6	93.3	125 300*	51.8	97.2	119 300*							48.0
50.0	17.6	76.8	81 900*	25.5	82.6	95 700*	38.6	90.8	119 600*	48.4	95.4	113 900*							50.0
52.0				18.1	77.1	86 900*	34.2	87.9	114 000*	44.8	93.4	108 800*	53.5	96.3	103 300*				52.0
54.0							29.2	84.5	106 900*	41.0	91.1	104 100*	50.2	94.7	98 900*				54.0
56.0							23.1	80.0	99 900*	36.9	88.5	99 700*	46.7	92.8	94 700*				56.0
58.0										32.2	85.3	95 600*	43.1	90.6	90 800*	51.7	93.3	86 000*	58.0
60.0										26.9	81.5	91 700*	39.1	88.2	87 100*	48.3	91.5	82 400*	60.0
62.0										20.1	76.5	88 000*	34.8	85.3	83 600*	44.7	89.5	79 100*	62.0
64.0										8.3	67.4	81 900*	29.8	81.9	80 200*	40.9	87.2	76 000*	64.0
66.0													23.9	77.7	77 100*	36.8	84.5	73 000*	66.0
68.0													15.8	71.5	74 000*	32.1	81.4	70 200*	68.0
70.0																26.7	77.6	67 500*	70.0
72.0																19.8	72.5	64 900*	72.0

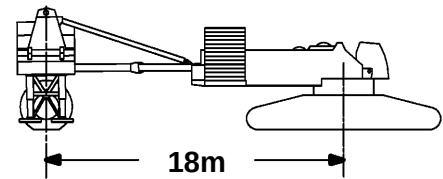
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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	151 800*										40.0
42.0	47.6	101.7	95 800*	50.8	103.5	109 400*	58.1	106.7	144 300*										42.0
44.0	44.4	99.7	91 100*	47.8	101.6	103 800*	55.4	105.3	136 900*										44.0
46.0	41.1	97.4	86 700*	44.6	99.6	98 700*	52.6	103.7	130 200*	59.6	106.2	123 600*							46.0
48.0	37.4	94.8	82 800*	41.3	97.3	93 900*	49.7	102.0	124 000*	57.0	104.8	117 800*							48.0
50.0	33.5	91.8	79 300*	37.7	94.8	89 500*	46.7	100.1	118 300*	54.3	103.4	112 300*							50.0
52.0	29.0	88.3	76 500*	33.7	91.8	85 600*	43.4	98.0	113 000*	51.4	101.8	107 300*							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	102 600*	55.7	102.5	97 200*				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	98 300*	52.9	100.9	93 100*				56.0
58.0				17.3	78.3	72 600*	32.2	89.8	94 500*	42.1	95.8	94 200*	50.1	99.3	89 200*				58.0
60.0							27.5	86.1	89 200*	38.5	93.3	90 400*	47.0	97.4	85 500*				60.0
62.0							21.9	81.4	83 500*	34.7	90.5	86 800*	43.8	95.3	82 100*	51.3	97.9	77 400*	62.0
64.0							14.0	74.6	73 000*	30.4	87.1	83 400*	40.4	93.0	78 800*	48.4	96.1	74 300*	64.0
66.0										25.4	83.1	80 100*	36.8	90.3	75 800*	45.3	94.1	71 400*	66.0
68.0										19.1	77.7	77 000*	32.7	87.2	72 800*	42.0	91.9	68 700*	68.0
70.0										8.6	68.5	69 400*	28.1	83.6	70 100*	38.4	89.4	66 100*	70.0
72.0													22.6	79.1	67 500*	34.6	86.5	63 600*	72.0
74.0													15.2	72.6	64 900*	30.2	83.2	61 300*	74.0
76.0																25.2	79.1	59 000*	76.0
78.0																18.9	73.7	56 800*	78.0

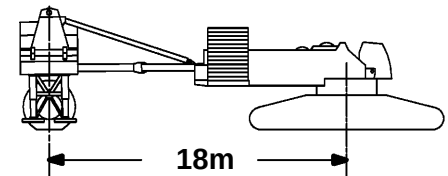
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 18m 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

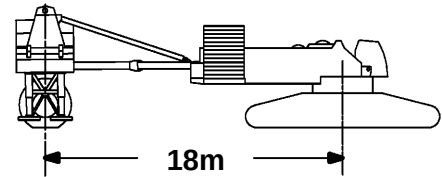
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	116 600*							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	111 200*							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	106 100*							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	101 500*							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	97 200*							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	93 200*	55.0	107.1	88 000*				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	89 400*	52.5	105.6	84 400*				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	85 900*	49.9	103.9	81 000*				62.0
64.0				16.6	79.4	61 300*	30.5	91.6	79 500*	39.8	98.1	82 500*	47.2	102.0	77 800*				64.0
66.0							26.1	87.7	75 400*	36.5	95.4	79 300*	44.4	100.0	74 700*	51.1	102.5	70 200*	66.0
68.0							20.9	82.7	70 600*	32.8	92.4	76 300*	41.4	97.7	71 800*	48.5	100.7	67 500*	68.0
70.0							13.6	75.6	62 000*	28.8	88.8	73 400*	38.2	95.2	69 200*	45.7	98.7	64 900*	70.0
72.0										24.1	84.5	70 700*	34.8	92.3	66 600*	42.8	96.6	62 500*	72.0
74.0										18.3	79.0	68 000*	31.0	89.1	64 200*	39.7	94.2	60 200*	74.0
76.0										8.8	69.6	59 800*	26.7	85.2	61 800*	36.4	91.5	58 000*	76.0
78.0													21.6	80.4	59 600*	32.7	88.4	56 000*	78.0
80.0													14.7	73.7	57 400*	28.7	84.8	54 000*	80.0
84.0																18.1	74.9	50 100*	84.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

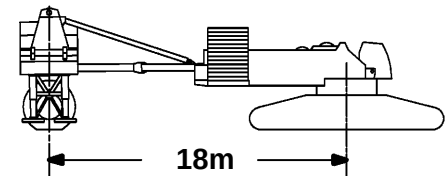
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	104 500*							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	99 900*							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	95 600*							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	91 600*							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	87 900*	56.7	113.2	82 700*				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	84 400*	54.5	111.7	79 300*				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	81 000*	52.2	110.2	76 100*				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	77 900*	49.8	108.5	73 100*				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	74 900*	47.4	106.6	70 300*				68.0
70.0				16.1	80.6	51 500*	29.1	93.3	66 900*	37.8	100.3	72 100*	44.9	104.6	67 600*	50.9	107.1	63 300*	70.0
72.0							25.0	89.2	63 600*	34.7	97.4	69 400*	42.2	102.4	65 100*	48.5	105.3	60 900*	72.0
74.0							20.0	84.0	59 500*	31.3	94.2	66 800*	39.4	100.0	62 700*	46.0	103.4	58 600*	74.0
76.0							13.3	76.7	52 300*	27.5	90.5	64 400*	36.4	97.3	60 400*	43.4	101.3	56 500*	76.0
78.0										23.1	86.0	62 100*	33.1	94.2	58 300*	40.7	98.9	54 400*	78.0
80.0										17.6	80.2	58 900*	29.6	90.8	56 100*	37.7	96.4	52 400*	80.0
84.0													20.7	81.7	52 300*	31.2	90.2	48 800*	84.0
88.0																23.0	82.0	45 400*	88.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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

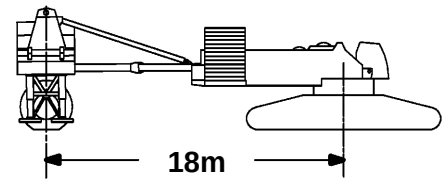
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	99 100*							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	94 400*							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	90 500*							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	86 700*							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	83 200*							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	79 900*	56.0	117.8	74 900*				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	76 800*	54.0	116.3	71 900*				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	73 800*	51.9	114.8	69 100*				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	71 000*	49.8	113.1	66 400*				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	68 400*	47.6	111.2	63 900*				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	65 900*	45.3	109.2	61 600*	50.7	111.7	57 400*	74.0
76.0				15.6	81.7	43 300*	27.9	95.0	56 600*	36.2	102.4	63 500*	42.8	107.1	59 300*	48.5	109.9	55 200*	76.0
78.0							24.0	90.6	53 800*	33.2	99.4	61 200*	40.3	104.7	57 200*	46.3	108.0	53 200*	78.0
80.0							19.3	85.3	50 500*	30.0	96.0	58 500*	37.7	102.2	55 100*	43.9	105.9	51 300*	80.0
84.0										22.2	87.3	52 900*	31.7	96.1	51 300*	38.9	101.2	47 700*	84.0
88.0										9.1	71.9	43 400*	24.5	88.2	47 800*	33.1	95.4	44 400*	88.0
92.0													13.9	75.9	44 500*	26.3	88.1	41 300*	92.0
96.0																16.9	77.3	38 500*	96.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

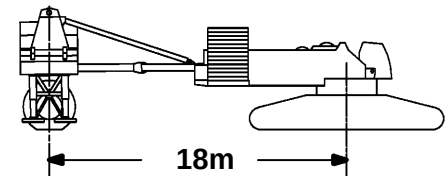
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	70 300*				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	67 500*				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	64 800*				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	62 400*				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	60 000*				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	57 800*				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	55 600*	50.6	116.3	51 600*	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	53 600*	48.6	114.5	49 600*	80.0
84.0							23.2	92.1	44 700*	31.9	101.2	50 900*	38.7	107.0	49 900*	44.4	110.6	46 100*	84.0
88.0							12.8	78.9	37 000*	25.4	93.6	46 400*	33.4	101.2	46 400*	39.8	106.0	42 800*	88.0
92.0										16.6	82.5	42 000*	27.3	94.1	43 200*	34.7	100.5	39 900*	92.0
96.0													19.3	84.3	40 200*	28.8	93.7	37 100*	96.0
100.0																21.3	84.7	34 400*	100.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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

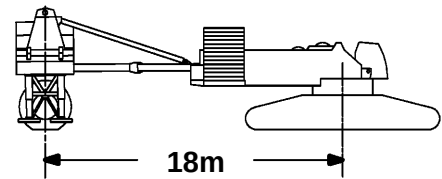
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	63 600*				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	61 100*				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	58 800*				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	56 500*				76.0
78.0	30.0	104.3	36 500*	32.9	107.7	38 800*	39.3	114.4	45 000*	44.8	119.1	51 500*	49.7	122.3	54 400*				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	52 400*	52.3	122.5	48 400*	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	48 700*	48.6	119.1	44 800*	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	45 300*	44.7	115.2	41 600*	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	38 700*	92.0
96.0										20.8	90.1	32 800*	29.4	99.7	37 700*	35.9	105.4	35 900*	96.0
100.0										9.3	74.1	29 100*	22.9	91.1	34 000*	30.7	99.1	33 000*	100.0
104.0													13.4	78.1	30 700*	24.5	91.1	30 400*	104.0
108.0																16.0	79.6	27 800*	108.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

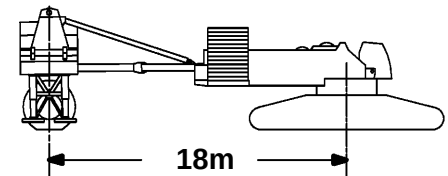
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	43 200*	84.0
88.0	22.8	97.4	21 800*	26.3	102.1	23 600*	33.4	110.8	28 500*	39.2	116.9	33 700*	44.2	121.1	39 000*	48.6	123.7	40 000*	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	36 800*	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	33 800*	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	31 000*	100.0
104.0										15.8	84.9	20 100*	25.5	97.2	24 100*	32.3	104.3	28 300*	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
210 470 kg Wheeled Counterweight
at 18m 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

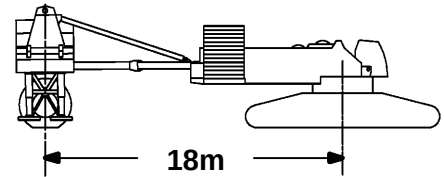
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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
 210 470 kg Wheeled Counterweight
 at 18m 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*c													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	226 800*b										28.0
30.0	33.4	84.4	163 300*	42.0	87.6	182 600*	58.5	92.1	210 700*										30.0
32.0	23.7	80.2	142 400*	34.7	84.8	172 800*	53.3	90.6	196 800*										32.0
34.0				25.6	80.8	154 400*	47.6	88.7	184 400*										34.0
36.0							41.3	86.5	173 300*	57.8	90.5	165 100*							36.0
38.0							34.0	83.6	163 300*	52.5	88.9	155 600*							38.0
40.0							24.5	79.5	152 000*	46.7	87.1	147 000*							40.0
42.0										40.3	84.7	139 300*							42.0
44.0										32.7	81.7	132 100*	51.3	86.7	125 700*				44.0
46.0										22.7	77.3	125 400*	45.4	84.7	119 500*				46.0
48.0													38.8	82.2	113 700*				48.0
50.0													30.8	79.0	108 400*	49.5	83.8	102 900*	50.0
52.0																43.4	81.7	98 200*	52.0
54.0																36.5	79.0	93 900*	54.0
56.0																27.9	75.4	89 700*	56.0

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

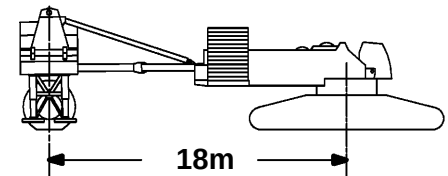
Capacities indicated by **(c)** require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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	210 000*										30.0
32.0	42.5	92.1	140 400*	48.4	94.4	159 200*	60.9	98.1	196 000*										32.0
34.0	36.8	89.5	133 200*	43.4	92.3	150 200*	56.8	96.7	183 700*										34.0
36.0	30.2	86.1	127 600*	37.8	89.7	142 200*	52.5	95.2	172 800*										36.0
38.0	21.6	81.5	120 000*	31.4	86.6	135 600*	47.9	93.3	162 900*										38.0
40.0				23.3	82.2	128 200*	42.9	91.2	154 000*	56.2	95.1	146 200*							40.0
42.0							37.3	88.6	145 900*	51.8	93.5	138 500*							42.0
44.0							30.7	85.3	138 400*	47.2	91.7	131 600*							44.0
46.0							22.3	80.8	130 200*	42.1	89.5	125 100*	55.3	92.9	118 500*				46.0
48.0										36.4	86.8	119 200*	50.8	91.3	112 900*				48.0
50.0										29.6	83.4	113 600*	46.1	89.3	107 700*				50.0
52.0										20.8	78.6	108 400*	40.9	87.1	102 900*				52.0
54.0													35.0	84.2	98 400*	49.4	88.4	93 100*	54.0
56.0													27.9	80.6	94 200*	44.5	86.3	89 100*	56.0
58.0																39.1	83.9	85 300*	58.0
60.0																32.9	80.9	81 700*	60.0
62.0																25.3	76.9	78 300*	62.0
64.0																13.6	70.3	75 000*	64.0

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

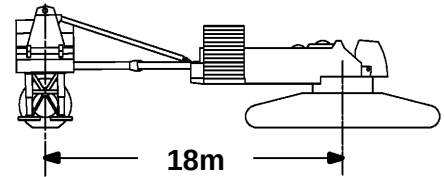
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 18m 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	182 700*										34.0
36.0	43.6	96.8	116 700*	48.5	99.0	132 700*	59.2	102.7	171 300*										36.0
38.0	39.0	94.3	110 900*	44.3	97.0	125 600*	55.6	101.3	161 500*										38.0
40.0	33.9	91.4	105 900*	39.8	94.6	119 100*	52.0	99.8	152 700*	62.0	102.4	144 600*							40.0
42.0	27.9	87.8	102 000*	34.8	91.7	113 400*	48.1	97.9	144 600*	58.6	101.2	136 900*							42.0
44.0	20.1	82.8	100 000*	29.0	88.2	108 800*	43.9	95.9	137 300*	55.1	99.7	130 000*							44.0
46.0				21.6	83.6	104 500*	39.3	93.4	130 600*	51.4	98.1	123 600*							46.0
48.0							34.3	90.6	124 400*	47.5	96.3	117 800*							48.0
50.0							28.3	87.0	118 600*	43.2	94.2	112 400*	54.3	97.5	106 100*				50.0
52.0							20.7	82.1	112 500*	38.6	91.7	107 400*	50.5	95.9	101 400*				52.0
54.0										33.4	88.7	102 700*	46.6	94.0	96 900*				54.0
56.0										27.3	85.0	98 300*	42.3	91.8	92 800*				56.0
58.0										19.3	79.8	94 100*	37.5	89.2	89 000*	49.3	93.0	83 700*	58.0
60.0													32.2	86.1	85 300*	45.3	91.0	80 200*	60.0
62.0													25.8	82.1	81 800*	40.8	88.7	76 900*	62.0
64.0													17.1	76.4	78 400*	36.0	85.9	73 900*	64.0
66.0																30.4	82.6	70 900*	66.0
68.0																23.5	78.3	68 100*	68.0
70.0																13.0	71.4	65 400*	70.0

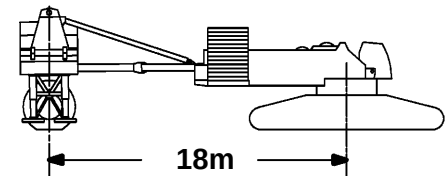
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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	143 900*										42.0
44.0	36.3	96.4	89 700*	41.2	99.3	101 500*	51.6	104.3	136 400*	60.4	107.1	128 900*							44.0
46.0	31.6	93.2	86 200*	37.0	96.7	96 600*	48.2	102.6	129 800*	57.4	105.8	122 600*							46.0
48.0	26.1	89.3	83 500*	32.4	93.6	92 500*	44.6	100.5	123 700*	54.3	104.3	116 700*							48.0
50.0	19.0	84.0	82 200*	27.1	89.8	89 200*	40.8	98.2	118 000*	51.1	102.7	111 400*							50.0
52.0				20.4	84.9	86 600*	36.6	95.6	112 700*	47.7	100.9	106 400*	56.7	103.6	100 200*				52.0
54.0							31.9	92.4	107 800*	44.1	98.8	101 800*	53.6	102.2	95 800*				54.0
56.0							26.5	88.5	103 200*	40.2	96.5	97 500*	50.3	100.5	91 800*				56.0
58.0							19.6	83.4	93 800*	36.0	93.7	93 500*	46.9	98.6	88 000*				58.0
60.0										31.2	90.5	89 700*	43.2	96.5	84 400*				60.0
62.0										25.6	86.5	86 100*	39.3	94.0	81 000*	49.3	97.6	75 900*	62.0
64.0										18.3	81.0	82 600*	35.0	91.2	77 800*	45.8	95.6	72 900*	64.0
66.0													30.0	87.8	74 700*	42.0	93.4	70 000*	66.0
68.0													24.2	83.6	71 800*	38.0	90.9	67 300*	68.0
70.0													16.2	77.6	69 000*	33.5	87.9	64 800*	70.0
72.0																28.4	84.3	62 300*	72.0
74.0																22.0	79.7	60 000*	74.0
76.0																12.6	72.4	57 600*	76.0

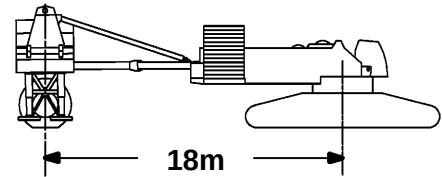
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 18m 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	120 900*							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	115 100*							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	109 800*							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	104 800*							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	100 300*							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	96 000*	55.8	108.3	90 100*				56.0
58.0				19.3	86.1	72 600*	34.4	97.5	94 500*	44.7	103.5	92 000*	53.1	106.7	86 300*				58.0
60.0							30.1	94.2	90 500*	41.3	101.2	88 300*	50.2	105.1	82 800*				60.0
62.0							25.0	90.0	86 600*	37.7	98.6	84 800*	47.2	103.2	79 400*				62.0
64.0							18.6	84.6	78 400*	33.8	95.7	81 500*	44.0	101.1	76 300*	52.2	103.9	71 100*	64.0
66.0										29.4	92.2	78 300*	40.6	98.8	73 300*	49.3	102.2	68 300*	66.0
68.0										24.2	88.0	75 300*	36.9	96.2	70 400*	46.2	100.2	65 700*	68.0
70.0										17.4	82.2	72 400*	32.9	93.1	67 800*	42.9	98.1	63 200*	70.0
72.0													28.3	89.5	65 300*	39.5	95.7	60 800*	72.0
74.0													22.9	85.0	62 800*	35.7	92.9	58 600*	74.0
76.0													15.6	78.7	60 400*	31.5	89.7	56 400*	76.0
78.0																26.7	85.9	54 300*	78.0
80.0																20.9	81.0	52 300*	80.0

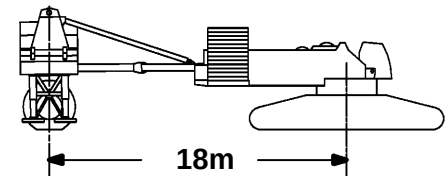
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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

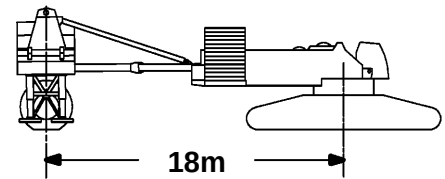
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	108 600*							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	103 700*							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	99 100*							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	94 900*							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	91 000*	57.6	114.3	85 100*				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	87 300*	55.1	112.9	81 500*				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	83 800*	52.6	111.3	78 300*				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	80 500*	50.1	109.7	75 100*				64.0
66.0							28.5	95.8	76 800*	39.1	103.5	77 400*	47.4	107.8	72 200*				66.0
68.0							23.8	91.5	73 300*	35.7	100.7	74 500*	44.5	105.8	69 400*				68.0
70.0							17.8	85.8	66 300*	32.0	97.6	71 600*	41.6	103.5	66 800*	49.2	106.8	62 000*	70.0
72.0										27.9	93.9	69 000*	38.4	101.0	64 300*	46.5	104.9	59 600*	72.0
74.0										23.0	89.4	66 400*	34.9	98.2	61 900*	43.6	102.8	57 400*	74.0
76.0										16.8	83.4	64 000*	31.2	94.9	59 700*	40.6	100.4	55 300*	76.0
78.0													26.9	91.1	57 500*	37.3	97.8	53 300*	78.0
80.0													21.8	86.4	55 400*	33.8	94.9	51 400*	80.0
84.0																25.4	87.4	47 800*	84.0
88.0																12.1	74.6	44 300*	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
 210 470 kg Wheeled Counterweight
 at 18m 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

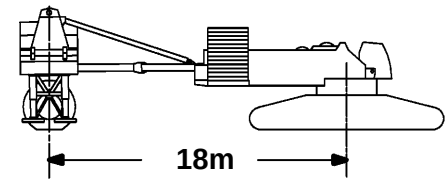
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	102 000*							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	97 500*							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	93 300*							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	89 300*							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	85 700*							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	82 300*	56.8	118.9	76 500*				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	79 000*	54.6	117.5	73 400*				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	75 900*	52.3	116.0	70 500*				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	73 000*	49.9	114.3	67 800*				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	70 300*	47.5	112.4	65 200*				70.0
72.0							27.3	97.5	65 400*	37.2	105.6	67 600*	45.0	110.4	62 700*	51.6	113.1	57 900*	72.0
74.0							22.8	92.9	61 600*	34.0	102.7	65 100*	42.3	108.2	60 400*	49.2	111.4	55 700*	74.0
76.0							17.2	87.0	55 800*	30.5	99.3	62 800*	39.5	105.8	58 200*	46.7	109.5	53 600*	76.0
78.0										26.6	95.5	60 500*	36.5	103.1	56 100*	44.2	107.4	51 700*	78.0
80.0										22.1	90.8	58 300*	33.3	100.1	54 000*	41.5	105.2	49 800*	80.0
84.0													25.7	92.7	50 300*	35.5	99.9	46 300*	84.0
88.0													14.6	80.9	46 700*	28.5	93.2	43 100*	88.0
92.0																19.2	83.5	40 000*	92.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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	91 700*							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	88 100*							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	84 500*							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	81 100*							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	77 800*							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	74 800*	56.1	123.6	69 300*				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	71 900*	54.1	122.1	66 500*				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	69 200*	52.0	120.6	63 900*				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	66 600*	49.9	118.9	61 500*				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	64 100*	47.7	117.0	59 200*				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	61 800*	45.4	115.1	57 000*	51.3	117.7	52 400*	76.0
78.0							26.2	99.0	55 400*	35.6	107.7	59 600*	43.0	112.9	55 000*	49.2	116.0	50 400*	78.0
80.0							21.9	94.3	52 300*	32.6	104.6	57 400*	40.4	110.6	53 000*	46.9	114.1	48 600*	80.0
84.0										25.6	97.0	53 500*	34.9	105.2	49 300*	42.2	109.9	45 100*	84.0
88.0										15.7	85.7	48 600*	28.5	98.4	45 900*	36.9	104.8	42 000*	88.0
92.0													20.2	89.0	42 700*	30.9	98.6	39 100*	92.0
96.0																23.4	90.3	36 300*	96.0
100.0																11.8	76.7	33 300*	100.0

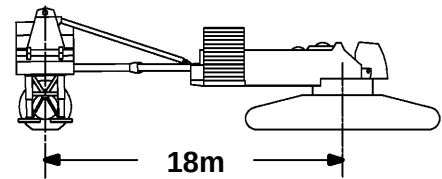


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

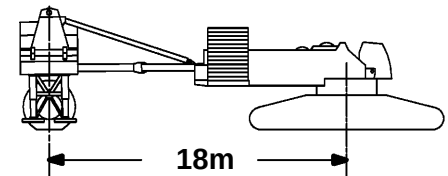
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	79 000*							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	76 300*							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	73 200*							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	70 400*							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	67 600*	55.6	128.2	62 300*				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	65 100*	53.7	126.7	59 900*				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	62 600*	51.8	125.2	57 600*				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	60 300*	49.8	123.5	55 400*				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	58 100*	47.8	121.6	53 400*				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	56 000*	45.7	119.7	51 400*	51.2	122.3	46 900*	80.0
84.0							25.2	100.6	45 700*	34.2	109.7	52 100*	41.2	115.3	47 700*	47.1	118.7	43 500*	84.0
88.0							16.2	89.3	39 400*	28.2	102.7	48 000*	36.3	110.1	44 400*	42.8	114.5	40 300*	88.0
92.0										20.5	93.4	43 900*	30.6	103.8	41 400*	38.0	109.7	37 300*	92.0
96.0										6.5	75.3	34 500*	23.8	95.6	38 500*	32.7	103.8	34 300*	96.0
100.0													13.9	83.1	35 800*	26.4	96.4	31 600*	100.0
104.0																18.0	86.0	28 900*	104.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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	58 600*				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	56 300*				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	54 200*				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	52 100*				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	50 200*				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	46 600*	51.0	126.9	42 200*	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	43 300*	47.3	123.3	38 800*	88.0
92.0							20.5	97.0	32 300*	30.2	108.2	37 800*	37.4	115.0	40 200*	43.3	119.2	35 700*	92.0
96.0							8.7	80.4	27 600*	23.8	100.0	34 200*	32.3	109.0	37 400*	38.9	114.4	32 800*	96.0
100.0										15.0	88.0	30 800*	26.5	101.6	34 800*	34.1	108.8	30 000*	100.0
104.0													19.0	91.6	32 000*	28.6	102.0	27 500*	104.0
108.0																21.8	93.1	25 100*	108.0
112.0																11.5	78.9	22 800*	112.0

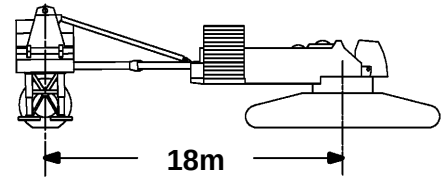


Liftcrane Luffing Jib Capacities

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
 210 470 kg Wheeled Counterweight
 at 18m 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

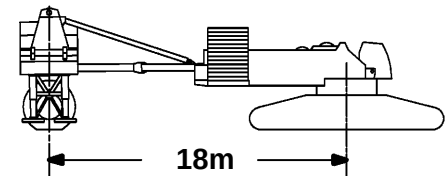
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	52 500*				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	50 500*				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	48 600*				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	45 000*				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	36 600*	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	33 500*	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	30 600*	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	27 900*	100.0
104.0										19.4	96.0	21 200*	28.6	107.2	25 800*	35.4	113.8	25 500*	104.0
108.0										7.2	77.8	18 500*	22.3	98.5	22 600*	30.5	107.4	23 200*	108.0
112.0													13.4	85.3	19 700*	24.7	99.4	21 000*	112.0
116.0																17.1	88.4	18 900*	116.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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

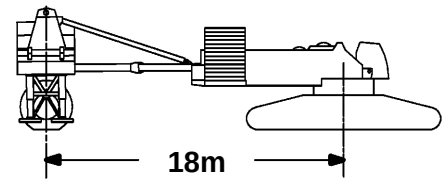
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	31 700*	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	28 900*	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	26 300*	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	23 900*	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
 210 470 kg Wheeled Counterweight
 at 18m 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	221 500*b										28.0
30.0	34.7	91.0	147 700*	43.7	94.3	165 100*	61.2	98.8	208 800*b										30.0
32.0	25.5	87.1	142 800*	36.8	91.7	156 600*	56.1	97.4	194 600*										32.0
34.0				28.3	88.1	149 300*	50.7	95.7	182 300*										34.0
36.0				15.3	82.2	123 400*	44.7	93.7	171 400*										36.0
38.0							38.0	91.2	161 500*	56.7	96.1	152 800*							38.0
40.0							29.9	87.9	152 500*	51.3	94.5	144 400*							40.0
42.0							18.2	82.6	136 400*	45.4	92.5	136 800*							42.0
44.0										38.8	90.0	129 800*							44.0
46.0										30.9	86.8	123 300*	51.5	92.5	116 400*				46.0
48.0										19.9	81.9	117 200*	45.6	90.5	110 900*				48.0
50.0													39.1	88.1	105 700*				50.0
52.0													31.2	84.9	100 900*	51.1	89.8	95 000*	52.0
54.0													20.4	80.1	96 300*	45.2	87.8	90 800*	54.0
56.0																38.6	85.4	86 800*	56.0
58.0																30.6	82.1	83 100*	58.0
60.0																19.4	77.1	79 400*	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.

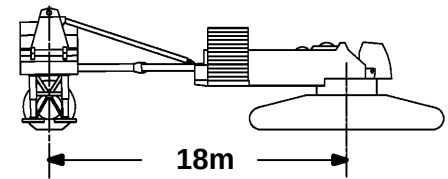
Capacities indicated by **(d)** require
 25 400 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 18m 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	180 800*										34.0
36.0	31.4	92.8	116 200*	39.4	96.5	129 700*	54.8	102.0	170 900*										36.0
38.0	23.2	88.5	113 100*	33.2	93.6	123 700*	50.4	100.3	161 000*										38.0
40.0				25.7	89.6	119 400*	45.6	98.4	152 200*	59.5	102.1	143 500*							40.0
42.0				14.4	83.3	105 400*	40.3	96.0	144 100*	55.3	100.7	135 900*							42.0
44.0							34.3	93.2	136 800*	50.9	99.1	129 100*							44.0
46.0							27.1	89.4	130 000*	46.1	97.1	122 700*							46.0
48.0							16.8	83.8	118 000*	40.9	94.8	116 900*	55.4	98.7	110 000*				48.0
50.0										35.0	92.0	111 500*	51.0	97.1	104 900*				50.0
52.0										28.0	88.4	106 500*	46.3	95.2	100 200*				52.0
54.0										18.3	83.1	101 700*	41.1	92.9	95 800*				54.0
56.0													35.3	90.1	91 700*				56.0
58.0													28.3	86.5	87 900*	46.0	92.5	82 300*	58.0
60.0													18.7	81.3	84 100*	40.8	90.2	78 900*	60.0
62.0																34.8	87.3	75 600*	62.0
64.0																27.7	83.7	72 500*	64.0
66.0																17.9	78.3	69 500*	66.0

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

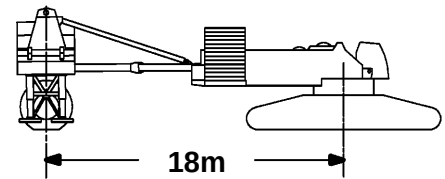
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 18m 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	134 300*							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	127 500*							44.0
46.0				23.8	91.1	96 500*	41.8	100.8	126 700*	54.3	105.3	121 200*							46.0
48.0				13.7	84.4	88 300*	37.0	98.2	120 600*	50.6	103.7	115 400*							48.0
50.0							31.6	95.0	115 200*	46.6	101.7	110 100*							50.0
52.0							25.1	90.9	110 700*	42.3	99.6	105 200*	54.5	103.3	98 500*				52.0
54.0							15.9	84.9	102 700*	37.6	97.0	100 700*	50.7	101.7	94 200*				54.0
56.0										32.2	93.9	96 400*	46.7	99.8	90 200*				56.0
58.0										25.9	89.9	92 300*	42.5	97.6	86 500*				58.0
60.0										17.2	84.2	88 400*	37.8	95.1	82 900*	50.5	99.0	77 200*	60.0
62.0													32.4	92.0	79 500*	46.5	97.1	74 000*	62.0
64.0													26.1	88.1	76 300*	42.2	94.9	71 100*	64.0
66.0													17.5	82.5	73 200*	37.4	92.3	68 300*	66.0
68.0																32.1	89.2	65 600*	68.0
70.0																25.6	85.2	63 100*	70.0
72.0																16.8	79.4	60 600*	72.0

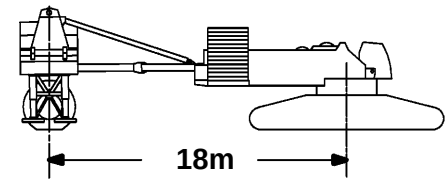
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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	120 000*							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	114 300*							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	109 100*							50.0
52.0				22.3	92.4	79 700*	38.9	103.0	104 400*	50.4	108.2	104 300*							52.0
54.0				13.2	85.4	74 900*	34.5	100.1	99 800*	46.9	106.4	99 700*	56.9	109.4	93 000*				54.0
56.0							29.5	96.7	95 700*	43.3	104.2	95 500*	53.7	107.9	89 100*				56.0
58.0							23.5	92.3	92 300*	39.3	101.8	91 500*	50.5	106.3	85 400*				58.0
60.0							15.1	86.0	87 300*	35.0	99.0	87 800*	47.1	104.4	81 900*				60.0
62.0										30.1	95.6	84 400*	43.4	102.3	78 600*				62.0
64.0										24.2	91.4	81 000*	39.5	99.9	75 500*	50.3	103.6	70 000*	64.0
66.0										16.3	85.4	77 700*	35.2	97.1	72 500*	46.8	101.7	67 200*	66.0
68.0													30.3	93.7	69 700*	43.2	99.6	64 600*	68.0
70.0													24.5	89.5	67 000*	39.2	97.2	62 200*	70.0
72.0													16.6	83.6	64 500*	34.9	94.3	59 800*	72.0
74.0																29.9	90.9	57 600*	74.0
76.0																24.0	86.7	55 400*	76.0
78.0																16.0	80.6	53 300*	78.0

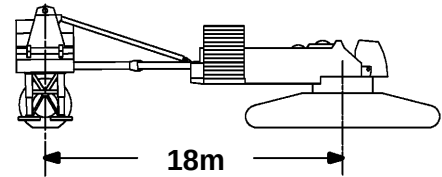
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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	112 700*							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	107 400*							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	102 600*							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	98 100*							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	93 900*							56.0
58.0				21.2	93.8	66 600*	36.5	105.1	87 100*	47.2	111.0	90 000*	56.0	114.1	83 600*				58.0
60.0				12.8	86.5	63 300*	32.4	102.0	83 600*	44.0	108.9	86 400*	53.2	112.6	80 200*				60.0
62.0							27.8	98.3	80 400*	40.6	106.6	83 000*	50.3	110.9	76 900*				62.0
64.0							22.2	93.7	77 800*	36.9	103.9	79 700*	47.3	109.0	73 900*				64.0
66.0							14.6	87.1	74 100*	32.9	100.9	76 600*	44.1	107.0	71 000*				66.0
68.0										28.4	97.3	73 700*	40.7	104.6	68 200*	50.1	108.2	62 900*	68.0
70.0										22.9	92.8	70 900*	37.1	102.0	65 600*	47.1	106.3	60 400*	70.0
72.0										15.6	86.5	68 100*	33.1	99.0	63 200*	43.9	104.3	58 200*	72.0
74.0													28.5	95.4	60 800*	40.5	101.9	56 000*	74.0
76.0													23.1	90.9	58 600*	36.8	99.3	53 900*	76.0
78.0													15.9	84.8	56 400*	32.8	96.2	52 000*	78.0
80.0																28.2	92.6	50 100*	80.0
84.0																15.3	81.7	46 400*	84.0

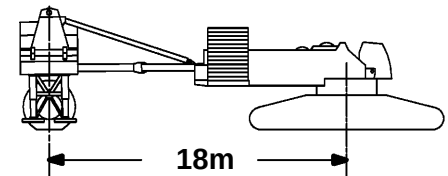
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 18m 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

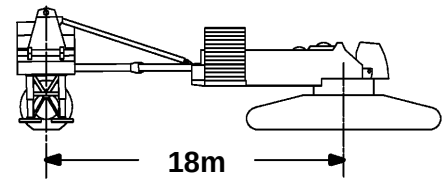
Jib Oper. Rad. m	87 Degree Boom Angle				85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		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	101 400*													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	96 900*													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	92 800*													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	88 900*													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	85 300*													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	81 900*	55.2	118.7	75 700*										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	78 700*	52.7	117.2	72 700*										64.0
66.0				12.6	87.6	54 200*	30.8	103.8	70 900*	41.6	111.3	75 600*	50.2	115.5	69 800*										66.0
68.0							26.4	99.9	68 500*	38.4	108.8	72 700*	47.5	113.6	67 100*										68.0
70.0							21.2	95.1	66 400*	35.0	106.0	70 000*	44.7	111.6	64 500*										70.0
72.0							14.1	88.2	62 600*	31.2	102.7	67 400*	41.7	109.4	62 100*	50.0	112.8	57 000*							72.0
74.0										26.9	98.9	64 900*	38.5	106.9	59 800*	47.3	111.0	54 800*							74.0
76.0										21.9	94.2	62 500*	35.1	104.0	57 600*	44.5	108.9	52 800*							76.0
78.0										15.1	87.6	60 200*	31.3	100.8	55 500*	41.5	106.7	50 900*							78.0
80.0													27.1	97.0	53 500*	38.3	104.1	49 000*							80.0
84.0													15.4	85.9	49 800*	31.1	98.0	45 600*							84.0
88.0																21.7	89.4	42 300*							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
 210 470 kg Wheeled Counterweight
 at 18m 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

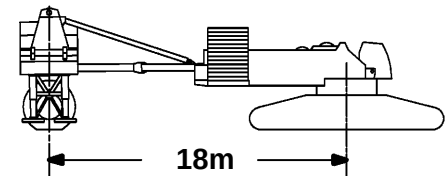
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	95 200*							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	91 100*							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	87 200*							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	83 600*							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	80 300*							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	77 100*	56.8	124.7	70 900*				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	74 100*	54.7	123.3	68 100*				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	71 200*	52.4	121.7	65 400*				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	68 500*	50.1	120.1	62 900*				70.0
72.0				12.3	88.6	46 600*	29.3	105.6	60 600*	39.5	113.6	66 000*	47.6	118.2	60 500*				72.0
74.0							25.3	101.4	58 700*	36.5	110.9	63 500*	45.1	116.2	58 200*				74.0
76.0							20.4	96.4	57 100*	33.3	107.9	61 200*	42.4	114.1	56 100*	49.9	117.4	51 000*	76.0
78.0							13.8	89.3	52 700*	29.8	104.5	59 000*	39.6	111.7	54 100*	47.5	115.6	49 100*	78.0
80.0										25.7	100.4	56 900*	36.7	109.0	52 100*	44.9	113.6	47 300*	80.0
84.0										14.7	88.8	52 800*	29.9	102.6	48 500*	39.5	108.9	43 900*	84.0
88.0													21.2	93.7	45 000*	33.2	103.2	40 900*	88.0
92.0																25.6	95.7	38 000*	92.0
96.0																14.4	83.9	34 900*	96.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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

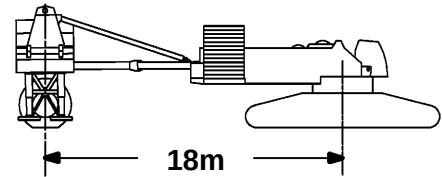
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	82 600*							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	79 100*							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	75 900*							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	72 900*							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	70 100*	56.2	129.4	64 100*				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	67 400*	54.2	127.9	61 600*				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	64 900*	52.1	126.4	59 300*				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	62 500*	50.0	124.7	57 000*				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	60 200*	47.7	122.8	54 900*				76.0
78.0				12.1	89.7	40 500*	28.1	107.2	52 500*	37.8	115.8	58 000*	45.5	120.9	52 900*	52.0	123.7	47 900*	78.0
80.0							24.3	102.9	50 900*	35.0	112.9	55 900*	43.1	118.7	51 000*	49.8	122.0	46 100*	80.0
84.0							13.5	90.4	44 400*	28.5	106.2	52 100*	37.9	113.8	47 400*	45.3	118.2	42 800*	84.0
88.0										20.2	96.8	48 500*	32.0	107.8	44 100*	40.4	113.7	39 600*	88.0
92.0													24.9	100.1	41 000*	34.9	108.3	36 500*	92.0
96.0													14.5	88.1	38 100*	28.4	101.5	33 600*	96.0
100.0																20.1	92.1	30 800*	100.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

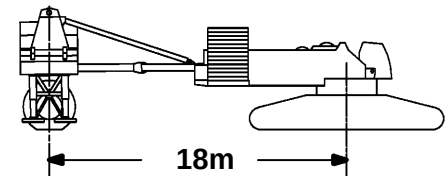
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	71 400*							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	68 500*							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	65 900*							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	63 300*	55.6	134.0	57 500*				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	60 900*	53.8	132.5	55 300*				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	58 700*	51.8	131.0	53 200*				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	56 500*	49.9	129.3	51 200*				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	54 500*	47.8	127.4	49 300*				80.0
84.0				12.0	90.8	33 500*	27.1	108.8	45 500*	36.3	117.9	50 700*	43.6	123.4	45 800*	49.7	126.6	40 700*	84.0
88.0							19.0	98.9	42 000*	30.7	111.6	47 200*	38.9	118.7	42 500*	45.6	122.8	37 400*	88.0
92.0										23.8	103.4	43 900*	33.7	113.0	39 600*	41.1	118.4	34 300*	92.0
96.0										14.0	91.0	40 100*	27.6	105.9	36 800*	36.2	113.2	31 500*	96.0
100.0													19.7	96.3	33 900*	30.6	106.9	28 900*	100.0
104.0																23.7	98.7	26 400*	104.0
108.0																13.8	86.1	24 000*	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
210 470 kg Wheeled Counterweight
at 18m 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	54 100*				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	52 000*				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	50 000*				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	48 100*				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	44 600*				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	41 300*	49.7	131.2	35 600*	88.0
92.0							22.6	105.8	33 000*	32.4	116.8	39 200*	39.7	123.4	38 400*	45.9	127.4	32 600*	92.0
96.0							13.0	92.6	29 900*	26.5	109.4	35 500*	35.0	118.0	35 400*	41.8	123.1	29 800*	96.0
100.0										19.0	99.4	32 000*	29.7	111.4	32 500*	37.3	118.1	27 300*	100.0
104.0													23.2	103.0	29 900*	32.3	112.1	24 900*	104.0
108.0													13.9	90.3	27 300*	26.4	104.7	22 600*	108.0
112.0																18.8	94.6	20 500*	112.0

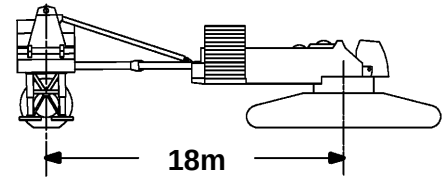


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

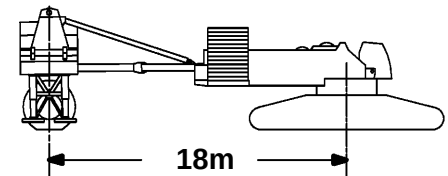
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	48 300*				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	46 400*				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	42 900*				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	39 600*				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	36 300*	49.6	135.8	30 300*	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	33 300*	46.1	132.1	27 600*	96.0
100.0							18.0	101.4	20 400*	28.6	115.0	25 500*	36.2	122.9	30 500*	42.3	127.8	25 100*	100.0
104.0										22.4	106.3	22 400*	31.4	116.7	27 500*	38.2	122.9	22 700*	104.0
108.0										13.5	93.2	19 500*	25.8	109.1	24 200*	33.7	117.2	20 600*	108.0
112.0													18.6	98.8	21 200*	28.5	110.3	18 500*	112.0
116.0																22.3	101.5	16 500*	116.0
120.0																13.3	88.3	14 600*	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
210 470 kg Wheeled Counterweight
at 18m 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

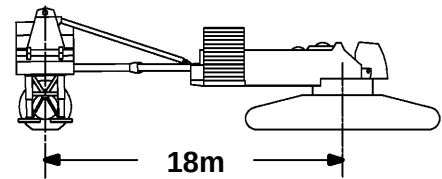
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	25 900*	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	23 400*	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	21 100*	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	18 900*	108.0
112.0										18.0	101.8	11 500*	27.9	114.8	15 800*	34.9	122.2	16 900*	112.0
116.0													21.9	105.8	13 000*	30.3	115.7	15 000*	116.0
120.0													13.5	92.6	10 400*	24.8	107.8	13 200*	120.0
124.0																17.9	97.1	11 500*	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
 210 470 kg Wheeled Counterweight
 at 18m 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	72.1	108.4	186 100*c																16.8
18.0	69.3	107.8	181 600*c																18.0
20.0	64.6	106.9	173 800*b	71.0	107.9	189 000*c													20.0
22.0	59.8	105.7	165 300*b	66.4	107.0	183 400*b													22.0
24.0	54.6	104.2	156 800*	61.7	105.9	175 200*b													24.0
26.0	49.1	102.5	148 700*	56.6	104.6	166 800*b													26.0
28.0	43.0	100.3	141 300*	51.3	102.9	158 400*													28.0
30.0	35.9	97.6	134 900*	45.4	101.0	150 400*	63.7	105.4	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	168 800*										36.0
38.0							41.7	98.6	159 200*										38.0
40.0							34.4	95.8	150 400*	55.6	101.7	141 200*b							40.0
42.0							25.1	91.8	142 300*	50.1	100.0	133 700*							42.0
44.0										44.1	97.9	126 900*							44.0
46.0										37.3	95.3	120 600*	57.1	99.9	112 700*b				46.0
48.0										28.9	91.8	114 700*	51.7	98.3	107 300*				48.0
50.0										16.5	86.2	109 100*	45.9	96.3	102 300*				50.0
52.0													39.4	93.9	97 700*				52.0
54.0													31.6	90.8	93 300*				54.0
56.0													21.0	86.1	89 200*	47.0	94.0	83 200*	56.0
58.0																40.6	91.7	79 600*	58.0
60.0																33.1	88.7	76 200*	60.0
62.0																23.3	84.4	72 900*	62.0

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

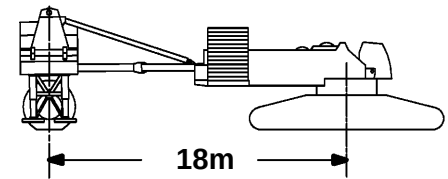
Capacities indicated by **(c)** require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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	132 800*							40.0
42.0				18.2	91.5	106 600*	43.2	103.3	136 800*	54.4	106.3	126 000*							42.0
44.0							37.6	100.8	130 500*	49.9	104.6	119 900*							44.0
46.0							31.1	97.5	125 000*	45.1	102.6	114 200*							46.0
48.0							22.9	93.2	120 700*	39.7	100.2	108 900*							48.0
50.0										33.7	97.2	104 000*	51.2	102.9	96 800*				50.0
52.0										26.3	93.4	99 400*	46.5	101.0	92 600*				52.0
54.0										15.4	87.3	95 000*	41.3	98.7	88 600*				54.0
56.0																			56.0
58.0													35.5	96.0	84 900*	52.0	100.4	78 600*	58.0
60.0													28.6	92.4	81 400*	47.4	98.6	75 300*	60.0
62.0													19.2	87.3	77 900*	42.3	96.4	72 200*	62.0
64.0																36.6	93.7	69 300*	64.0
66.0																30.0	90.4	66 500*	66.0
68.0																21.2	85.7	63 800*	68.0

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

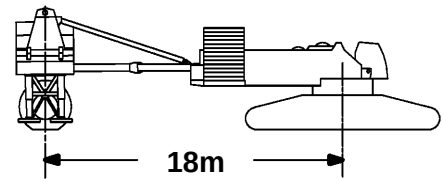
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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	124 300*							44.0
46.0				25.8	98.4	89 400*	44.1	108.0	117 000*	57.2	112.4	118 200*							46.0
48.0				17.0	92.7	88 400*	39.6	105.6	111 800*	53.6	110.9	112 600*							48.0
50.0							34.6	102.7	106 900*	49.8	109.2	107 400*							50.0
52.0							28.7	99.2	102 800*	45.7	107.2	102 600*							52.0
54.0							21.3	94.5	99 600*	41.3	104.9	98 200*	54.6	109.1	90 900*				54.0
56.0										36.5	102.3	93 900*	50.9	107.5	87 000*				56.0
58.0										31.0	99.0	90 000*	46.9	105.6	83 400*				58.0
60.0										24.3	94.8	86 300*	42.6	103.4	80 000*				60.0
62.0										14.6	88.4	82 700*	38.0	100.9	76 700*				62.0
64.0													32.7	97.8	73 600*	47.6	103.2	67 600*	64.0
66.0													26.4	94.0	70 700*	43.4	101.1	65 000*	66.0
68.0													18.0	88.5	67 800*	38.8	98.6	62 400*	68.0
70.0																33.7	95.7	60 000*	70.0
72.0																27.6	92.0	57 700*	72.0
74.0																19.8	86.9	55 500*	74.0

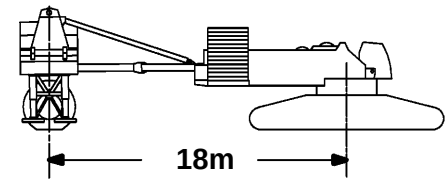
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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* b																21.3
22.0	72.6	125.9	122 900* b																22.0
24.0	69.9	125.2	118 700*																24.0
26.0	67.2	124.3	114 300*	70.9	125.2	125 600* b													26.0
28.0	64.4	123.3	109 600*	68.2	124.4	121 700*													28.0
30.0	61.5	122.2	104 900*	65.5	123.5	117 300*													30.0
32.0	58.6	121.0	100 200*	62.6	122.4	112 800*													32.0
34.0	55.5	119.6	95 500*	59.7	121.2	108 100*													34.0
36.0	52.4	118.0	91 000*	56.7	119.9	103 300*	66.7	122.9	130 900*										36.0
38.0	49.0	116.3	86 800*	53.6	118.4	98 700*	63.9	121.9	127 700*										38.0
40.0	45.5	114.3	82 800*	50.3	116.7	94 100*	61.0	120.7	123 800*										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	117 000*							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	111 400*							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	106 300*							50.0
52.0				24.2	99.9	74 100*	41.0	110.4	97 000*	53.0	115.5	101 500*							52.0
54.0				16.2	93.8	73 500*	36.9	107.7	92 900*	49.7	113.8	97 100*							54.0
56.0							32.2	104.6	89 200*	46.2	111.8	93 000*							56.0
58.0							26.8	100.8	86 000*	42.5	109.7	89 200*	53.9	113.7	82 200*				58.0
60.0							20.0	95.7	83 600*	38.5	107.1	85 500*	50.6	112.1	78 900*				60.0
62.0										34.0	104.2	82 200*	47.2	110.2	75 700*				62.0
64.0										29.0	100.7	78 900*	43.6	108.1	72 700*				64.0
66.0										22.8	96.2	75 800*	39.6	105.7	69 800*	51.2	109.6	63 800*	66.0
68.0										14.0	89.5	72 800*	35.3	102.9	67 100*	47.8	107.8	61 300*	68.0
70.0													30.5	99.6	64 600*	44.2	105.8	59 000*	70.0
72.0													24.7	95.5	62 100*	40.4	103.4	56 700*	72.0
74.0													17.1	89.7	59 700*	36.2	100.7	54 600*	74.0
76.0																31.4	97.5	52 600*	76.0
78.0																25.9	93.5	50 700*	78.0
80.0																18.7	88.2	48 700*	80.0

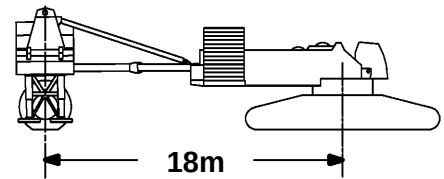
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 18m 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	104 600*							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	99 800*							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	95 500*							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	91 400*							56.0
58.0				22.9	101.3	62 000*	38.5	112.6	81 000*	49.6	118.3	87 600*							58.0
60.0				15.5	94.9	61 600*	34.7	109.7	77 900*	46.5	116.4	84 000*	56.1	119.8	77 100*				60.0
62.0							30.3	106.4	75 000*	43.3	114.3	80 700*	53.3	118.3	73 900*				62.0
64.0							25.3	102.3	72 500*	39.9	111.9	77 500*	50.4	116.7	70 900*				64.0
66.0							19.0	97.0	70 700*	36.1	109.2	74 600*	47.4	114.8	68 200*				66.0
68.0										32.0	106.1	71 700*	44.2	112.8	65 500*				68.0
70.0										27.3	102.3	68 900*	40.9	110.5	63 000*	51.0	114.2	57 200*	70.0
72.0										21.6	97.6	66 300*	37.2	107.9	60 700*	48.0	112.4	55 000*	72.0
74.0										13.6	90.6	63 800*	33.2	104.8	58 400*	44.8	110.4	52 900*	74.0
76.0													28.7	101.3	56 300*	41.5	108.2	50 900*	76.0
78.0													23.4	96.9	54 200*	37.9	105.6	49 100*	78.0
80.0													16.3	90.8	52 100*	34.0	102.7	47 300*	80.0
84.0																24.4	95.0	43 900*	84.0

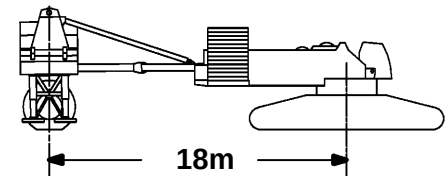
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 18m 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	98 600*							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	94 200*							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	90 200*							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	86 400*							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	82 800*							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	79 500*							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	76 400*	55.3	124.5	69 700*				64.0
66.0				15.0	96.1	52 300*	32.8	111.6	66 200*	43.9	119.0	73 500*	52.9	122.9	66 900*				66.0
68.0							28.8	108.1	63 900*	40.9	116.7	70 700*	50.3	121.3	64 300*				68.0
70.0							24.1	103.8	61 900*	37.7	114.1	68 000*	47.6	119.4	61 900*				70.0
72.0							18.3	98.2	60 600*	34.2	111.2	65 500*	44.8	117.4	59 500*				72.0
74.0										30.4	107.9	63 100*	41.8	115.2	57 300*	50.7	118.8	51 700*	74.0
76.0										25.9	103.9	60 800*	38.7	112.7	55 200*	48.1	117.0	49 700*	76.0
78.0										20.6	98.9	58 500*	35.2	109.9	53 200*	45.3	115.1	47 900*	78.0
80.0										13.2	91.7	56 300*	31.5	106.7	51 300*	42.4	112.9	46 200*	80.0
84.0													22.3	98.3	47 600*	35.9	107.7	42 900*	84.0
88.0																28.1	100.9	39 800*	88.0
92.0																17.1	90.6	36 500*	92.0

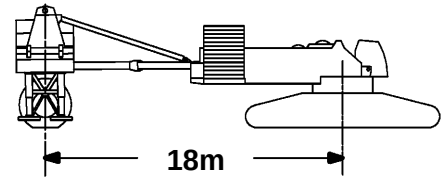


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

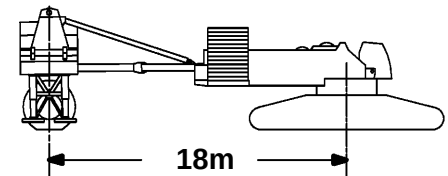
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	87 800*							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	84 700*							58.0
60.0	35.3	118.5	45 600*	39.5	122.1	51 600*	48.6	128.5	70 500*	56.3	132.3	81 200*							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	77 900*							62.0
64.0	28.3	111.7	43 100*	33.3	116.4	48 200*	43.5	124.4	65 500*	51.8	129.3	74 800*							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	71 900*	56.9	130.5	65 200*				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	69 100*	54.7	129.1	62 600*				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	66 500*	52.5	127.6	60 100*				70.0
72.0				14.6	97.2	44 800*	31.3	113.5	56 600*	41.8	121.4	64 000*	50.2	125.9	57 900*				72.0
74.0							27.5	109.7	54 800*	38.9	118.9	61 600*	47.7	124.1	55 600*				74.0
76.0							23.1	105.2	53 300*	35.9	116.2	59 400*	45.2	122.1	53 600*				76.0
78.0							17.6	99.4	52 200*	32.6	113.1	57 200*	42.6	119.9	51 600*	50.6	123.4	46 100*	78.0
80.0										29.0	109.6	55 200*	39.8	117.5	49 700*	48.2	121.6	44 400*	80.0
84.0										19.8	100.2	51 300*	33.6	111.8	46 200*	43.0	117.5	40 800*	84.0
88.0													26.1	104.5	43 000*	37.3	112.6	37 600*	88.0
92.0													15.2	93.1	39 900*	30.7	106.3	34 600*	92.0
96.0																22.3	97.8	31 800*	96.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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

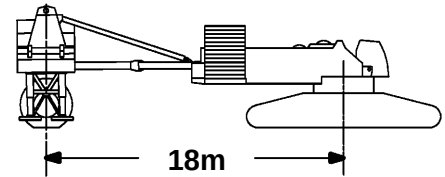
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	76 400*							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	73 600*							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	70 700*							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	67 900*							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	65 400*	56.3	135.2	58 900*				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	62 900*	54.3	133.7	56 600*				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	60 500*	52.2	132.1	54 400*				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	58 300*	50.0	130.5	52 400*				76.0
78.0				14.2	98.3	38 400*	30.0	115.2	48 800*	39.9	123.7	56 100*	47.8	128.6	50 400*				78.0
80.0							26.4	111.3	47 400*	37.2	121.1	54 100*	45.5	126.7	48 500*				80.0
84.0							17.0	100.6	45 300*	31.2	114.9	50 400*	40.7	122.2	45 100*	48.2	126.2	39 100*	84.0
88.0										23.8	106.8	46 900*	35.2	116.9	41 900*	43.6	122.2	35 900*	88.0
92.0										12.7	93.8	43 600*	28.8	110.2	39 000*	38.5	117.4	33 000*	92.0
96.0													20.6	101.0	36 100*	32.7	111.6	30 300*	96.0
100.0																25.7	104.1	27 800*	100.0
104.0																16.0	92.9	25 300*	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
 210 470 kg Wheeled Counterweight
 at 18m 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

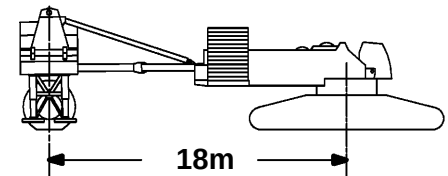
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	66 200*							68.0
70.0	35.2	125.5	33 700*	38.8	129.1	38 400*	46.6	135.8	53 000*	53.3	140.1	63 700*							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	61 300*	57.5	141.2	54 800*				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	58 900*	55.7	139.8	52 700*				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	56 700*	53.8	138.3	50 600*				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	54 600*	51.9	136.8	48 700*				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	52 600*	50.0	135.1	46 800*				80.0
84.0				13.9	99.4	33 100*	28.8	116.9	42 200*	38.3	125.9	48 900*	45.8	131.3	43 400*	52.3	134.3	36 700*	84.0
88.0							21.5	108.0	40 100*	33.0	120.1	45 500*	41.4	126.9	40 300*	48.3	130.8	33 600*	88.0
92.0										26.7	112.8	42 400*	36.5	121.8	37 100*	44.1	126.8	30 800*	92.0
96.0										18.5	102.7	39 400*	30.9	115.5	34 200*	39.4	122.2	28 100*	96.0
100.0													24.1	107.5	31 400*	34.3	116.6	25 700*	100.0
104.0													14.5	95.3	28 700*	28.3	109.8	23 300*	104.0
108.0																20.7	100.5	21 100*	108.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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

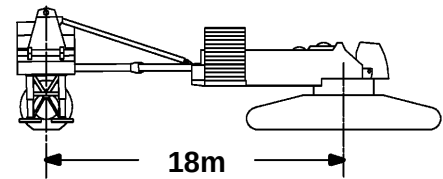
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	58 900*							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	57 900*							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	55 500*							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	53 400*	55.2	144.4	47 400*				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	51 500*	53.5	142.9	45 600*				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	47 800*	49.9	139.7	42 100*				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	44 400*	46.1	135.9	38 600*				88.0
92.0							24.6	114.3	33 800*	34.4	125.2	40 500*	42.0	131.6	35 500*	48.4	135.4	29 000*	92.0
96.0							16.1	102.9	30 600*	29.0	118.4	36 700*	37.5	126.7	32 600*	44.4	131.5	26 400*	96.0
100.0										22.3	109.7	33 200*	32.6	120.7	29 900*	40.2	126.9	24 000*	100.0
104.0										12.3	96.0	30 100*	26.8	113.4	27 400*	35.6	121.6	21 700*	104.0
108.0													19.3	103.5	24 900*	30.3	115.2	19 600*	108.0
112.0																24.0	107.1	17 600*	112.0
116.0																15.3	95.2	15 600*	116.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

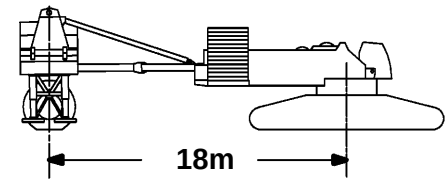
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	43 500*				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	39 800*				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	36 400*				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	33 300*	51.8	143.5	26 700*	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	30 500*	48.4	140.1	24 100*	96.0
100.0							20.2	110.6	21 100*	30.7	123.8	26 800*	38.4	131.5	27 800*	44.8	136.1	21 700*	100.0
104.0										25.0	115.9	23 500*	34.0	125.8	25 400*	40.9	131.7	19 500*	104.0
108.0										17.6	105.1	20 600*	28.8	119.0	23 100*	36.7	126.5	17 500*	108.0
112.0													22.6	110.4	20 900*	31.9	120.4	15 500*	112.0
116.0													13.9	97.6	18 700*	26.5	113.0	13 700*	116.0
120.0																19.6	103.1	11 900*	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
210 470 kg Wheeled Counterweight
at 18m 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

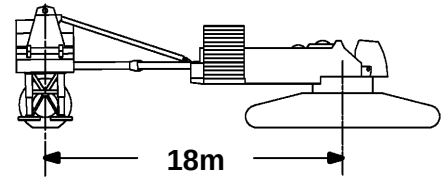
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	34 700*				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	22 300*	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	20 000*	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	17 800*	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	15 800*	108.0
112.0										21.0	112.4	11 500*	30.5	124.4	15 800*	37.6	131.4	13 900*	112.0
116.0										12.0	98.1	9 200*	25.2	116.5	13 200*	33.3	125.6	12 100*	116.0
120.0													18.4	106.0	10 800*	28.4	118.6	10 400*	120.0
124.0																22.6	109.9	8 800*	124.0
128.0																14.7	97.4	7 200*	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
 210 470 kg Wheeled Counterweight
 at 18m 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	72.8	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	138 200*b							40.0
42.0							30.4	100.1	134 400*	54.5	107.2	130 900*							42.0
44.0							19.1	95.1	130 700*	48.9	105.4	124 200*							44.0
46.0										42.8	103.3	118 100*							46.0
48.0										35.7	100.6	112 400*							48.0
50.0										26.8	96.8	107 000*	52.0	104.1	99 200*				50.0
52.0													46.2	102.2	94 700*				52.0
54.0													39.7	99.8	90 500*				54.0
56.0													31.9	96.7	86 600*				56.0
58.0																48.7	100.1	76 300*	58.0
60.0																42.5	97.9	73 000*	60.0
62.0																35.4	95.2	70 000*	62.0
64.0																26.5	91.4	67 000*	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.

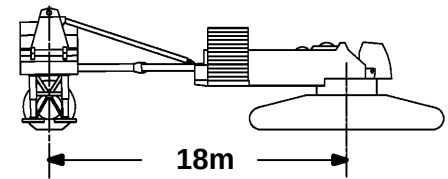
Capacities indicated by **(d)** require
 25 400 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 18m 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	123 200*							44.0
46.0							34.7	105.3	114 300*	53.5	111.8	117 200*							46.0
48.0							27.6	101.7	110 100*	48.9	110.1	111 700*							48.0
50.0							17.6	96.2	107 500*	44.0	108.0	106 500*							50.0
52.0										38.5	105.5	101 700*	55.8	110.3	93 700*				52.0
54.0										32.2	102.4	97 200*	51.4	108.7	89 600*				54.0
56.0										24.4	98.3	93 000*	46.7	106.8	85 800*				56.0
58.0													41.6	104.6	82 200*				58.0
60.0													35.8	101.8	78 800*				60.0
62.0													28.9	98.3	75 600*	48.8	104.7	69 100*	62.0
64.0													19.7	93.3	72 400*	43.8	102.6	66 300*	64.0
66.0																38.4	100.1	63 600*	66.0
68.0																32.0	97.0	61 100*	68.0
70.0																24.1	92.8	58 700*	70.0

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

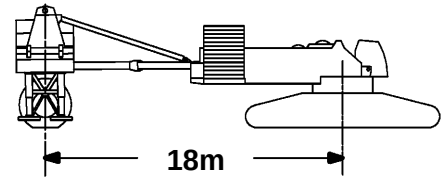
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 18m 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	115 400*							46.0
48.0				19.8	100.6	80 400*	42.1	112.9	102 400*	56.4	117.9	110 000*							48.0
50.0							37.3	110.3	98 100*	52.8	116.4	104 900*							50.0
52.0							31.9	107.2	94 300*	48.9	114.7	100 200*							52.0
54.0							25.5	103.2	91 100*	44.8	112.6	95 800*							54.0
56.0							16.6	97.3	89 300*	40.4	110.3	91 700*	54.8	114.9	84 000*				56.0
58.0										35.4	107.5	87 900*	51.0	113.3	80 500*				58.0
60.0										29.7	104.1	84 300*	47.1	111.4	77 200*				60.0
62.0										22.6	99.6	80 900*	42.8	109.3	74 100*				62.0
64.0										11.3	92.1	77 500*	38.2	106.7	71 100*	52.6	111.1	64 500*	64.0
66.0													32.9	103.7	68 300*	48.8	109.3	61 900*	66.0
68.0													26.7	99.9	65 600*	44.7	107.3	59 500*	68.0
70.0													18.4	94.5	63 000*	40.2	104.9	57 200*	70.0
72.0																35.3	102.1	55 000*	72.0
74.0																29.5	98.7	52 900*	74.0
76.0																22.4	94.2	50 900*	76.0

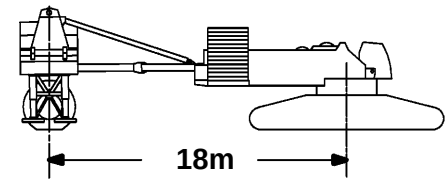
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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	108 800*							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	103 700*							50.0
52.0				25.9	107.2	67 800*	43.1	117.6	88 900*	55.4	122.6	99 100*							52.0
54.0				18.7	101.8	66 900*	39.1	115.2	85 300*	52.3	121.0	94 800*							54.0
56.0							34.8	112.3	81 900*	48.9	119.3	90 700*							56.0
58.0							29.8	108.9	79 000*	45.4	117.3	87 000*	57.1	121.0	79 300*				58.0
60.0							23.9	104.6	76 600*	41.6	115.0	83 400*	54.0	119.5	76 000*				60.0
62.0							15.8	98.5	75 300*	37.6	112.4	80 100*	50.8	117.9	73 000*				62.0
64.0										33.0	109.4	77 000*	47.3	116.0	70 000*				64.0
66.0										27.8	105.7	74 000*	43.7	113.9	67 300*				66.0
68.0										21.3	101.0	71 100*	39.8	111.6	64 700*				68.0
70.0										11.2	93.2	68 200*	35.5	108.8	62 200*	48.8	113.9	56 000*	70.0
72.0													30.7	105.5	59 900*	45.3	111.9	53 900*	72.0
74.0													25.0	101.4	57 600*	41.5	109.7	51 900*	74.0
76.0													17.5	95.7	55 400*	37.4	107.1	49 900*	76.0
78.0																32.9	104.0	48 100*	78.0
80.0																27.6	100.3	46 300*	80.0

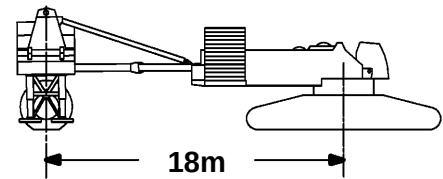
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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	97 300*							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	93 000*							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	89 000*							56.0
58.0				24.4	108.7	56 700*	40.4	119.9	74 400*	51.9	125.6	85 300*							58.0
60.0				17.8	103.0	56 100*	36.7	117.3	71 500*	48.9	123.9	81 800*							60.0
62.0							32.7	114.2	68 900*	45.9	121.9	78 600*	56.2	125.6	71 200*				62.0
64.0							28.1	110.6	66 600*	42.6	119.7	75 500*	53.4	124.1	68 300*				64.0
66.0							22.6	106.0	64 800*	39.1	117.3	72 600*	50.6	122.5	65 600*				66.0
68.0							15.1	99.6	63 900*	35.3	114.5	69 800*	47.6	120.6	63 000*				68.0
70.0										31.1	111.2	67 200*	44.4	118.6	60 600*				70.0
72.0										26.2	107.3	64 600*	41.0	116.3	58 300*	51.8	120.2	52 100*	72.0
74.0										20.2	102.2	62 200*	37.4	113.7	56 100*	48.8	118.5	50 000*	74.0
76.0										11.0	94.2	59 800*	33.4	110.7	54 000*	45.8	116.5	48 200*	76.0
78.0													28.9	107.2	52 100*	42.5	114.4	46 400*	78.0
80.0													23.6	102.8	50 100*	39.0	111.9	44 700*	80.0
84.0																30.9	105.8	41 300*	84.0
88.0																20.0	96.7	37 900*	88.0

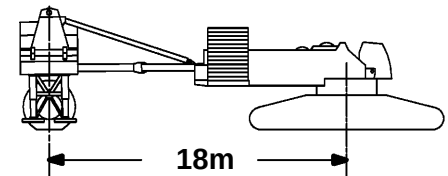
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 18m 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*(b)																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	87 700*							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	84 100*							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	80 600*							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	77 400*							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	74 400*	57.8	131.6	66 900*				64.0
66.0				17.1	104.2	47 700*	34.8	119.3	60 800*	46.2	126.5	71 500*	55.4	130.3	64 300*				66.0
68.0							31.0	116.0	58 800*	43.3	124.4	68 800*	53.0	128.7	61 800*				68.0
70.0							26.7	112.2	57 000*	40.3	122.1	66 200*	50.4	127.1	59 400*				70.0
72.0							21.6	107.4	55 600*	37.0	119.4	63 700*	47.7	125.2	57 100*				72.0
74.0							14.7	100.7	54 900*	33.4	116.4	61 300*	44.9	123.2	55 000*				74.0
76.0										29.5	113.0	59 100*	41.9	121.0	52 900*				76.0
78.0										24.9	108.8	56 900*	38.8	118.5	51 000*	48.9	123.1	45 000*	78.0
80.0										19.3	103.5	54 800*	35.4	115.7	49 200*	46.1	121.2	43 100*	80.0
84.0													27.5	108.8	45 700*	40.2	116.7	39 700*	84.0
88.0													16.1	98.0	42 400*	33.3	111.0	36 600*	88.0
92.0																24.8	103.4	33 600*	92.0
96.0																10.5	89.6	30 600*	96.0

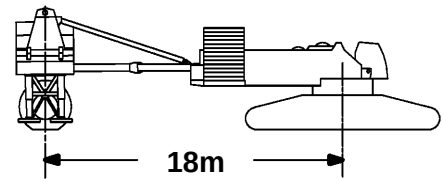
Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 18m 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

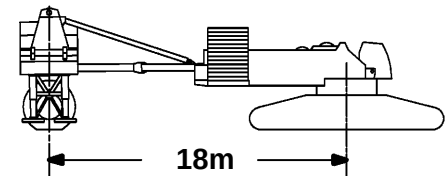
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	78 400*							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	75 800*							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	72 700*							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	69 800*							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	67 200*							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	64 600*	54.8	134.9	57 600*				70.0
72.0				16.5	105.3	40 700*	33.1	121.2	51 800*	43.9	129.1	62 100*	52.6	133.4	55 400*				72.0
74.0							29.6	117.8	50 200*	41.2	126.8	59 800*	50.3	131.7	53 300*				74.0
76.0							25.5	113.7	48 800*	38.3	124.3	57 600*	47.8	129.9	51 300*				76.0
78.0							20.7	108.7	47 800*	35.2	121.5	55 500*	45.3	127.9	49 400*				78.0
80.0							14.3	101.8	47 300*	31.9	118.3	53 500*	42.7	125.7	47 500*	51.3	129.4	40 700*	80.0
84.0										23.8	110.3	49 800*	36.9	120.7	44 100*	46.4	125.8	37 400*	84.0
88.0										10.9	96.4	46 200*	30.2	114.3	41 000*	41.1	121.4	34 300*	88.0
92.0													21.6	105.6	38 000*	35.1	116.1	31 500*	92.0
96.0																28.0	109.2	28 800*	96.0
100.0																18.4	99.2	26 200*	100.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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	68 700*							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	65 900*							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	63 400*							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	61 000*	56.4	140.9	54 100*				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	58 700*	54.3	139.5	52 000*				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	56 500*	52.3	137.9	50 000*				76.0
78.0				16.0	106.5	35 000*	31.7	123.1	44 700*	41.9	131.5	54 400*	50.1	136.3	48 100*				78.0
80.0							28.3	119.4	43 300*	39.4	129.1	52 500*	47.9	134.5	46 300*				80.0
84.0							19.9	110.0	41 400*	33.7	123.4	48 800*	43.3	130.4	42 900*	51.1	134.1	35 600*	84.0
88.0										27.0	116.2	45 400*	38.1	125.5	39 700*	46.6	130.4	32 600*	88.0
92.0										18.0	106.0	42 200*	32.3	119.6	36 600*	41.8	126.1	29 800*	92.0
96.0													25.2	111.9	33 700*	36.5	121.0	27 200*	96.0
100.0													15.1	100.3	30 800*	30.4	114.7	24 800*	100.0
104.0																22.8	106.2	22 600*	104.0
108.0																10.5	91.7	20 200*	108.0

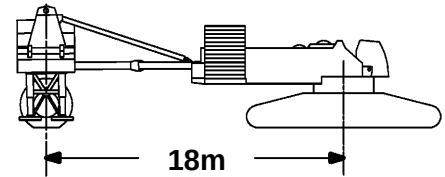


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42.7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 210 470 kg Wheeled Counterweight
 at 18m 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

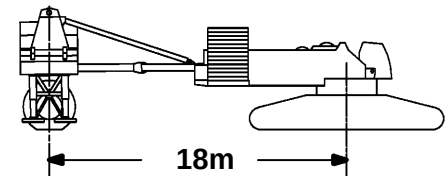
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	59 400*							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	57 100*							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	54 900*	55.8	145.6	48 200*				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	52 900*	53.9	144.1	46 300*				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	50 900*	52.0	142.6	44 500*				80.0
84.0				15.6	107.7	30 100*	30.5	124.9	38 500*	40.2	133.8	47 300*	48.0	139.1	40 800*				84.0
88.0							23.6	116.7	36 600*	35.2	128.4	43 900*	43.8	135.0	37 500*	50.9	138.6	30 200*	88.0
92.0							13.6	104.0	35 400*	29.3	121.8	40 900*	39.1	130.3	34 500*	46.8	135.0	27 400*	92.0
96.0										22.1	113.1	38 100*	33.9	124.7	31 600*	42.5	130.8	24 900*	96.0
100.0										10.7	98.5	35 200*	27.9	117.7	29 000*	37.7	125.9	22 600*	100.0
104.0													20.1	108.2	26 400*	32.3	119.9	20 400*	104.0
108.0																25.9	112.4	18 400*	108.0
112.0																17.3	101.7	16 400*	112.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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

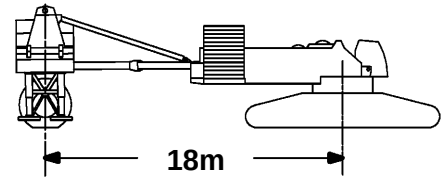
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	51 600*	57.0	151.6	44 600*				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	49 700*	55.3	150.2	42 700*				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	46 100*	51.8	147.2	39 100*				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	42 800*	48.1	143.7	35 800*				88.0
92.0							26.3	122.7	32 500*	36.4	133.4	39 800*	44.2	139.7	32 800*				92.0
96.0							18.8	112.5	31 200*	31.2	127.2	37 000*	39.9	135.1	30 000*				96.0
100.0										25.1	119.3	34 000*	35.2	129.7	27 400*				100.0
104.0										17.0	108.4	31 200*	29.9	123.2	25 000*				104.0
108.0													23.5	114.9	22 700*				108.0
112.0													14.5	102.5	20 500*				112.0
116.0																			116.0
120.0																			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
 210 470 kg Wheeled Counterweight
 at 18m 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, 88.4m (290 Ft.) Luffing Jib

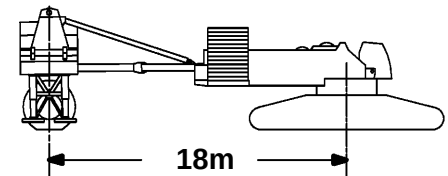
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	74.7	173.7	46 400*																32.0
34.0	73.3	173.1	45 600*																34.0
36.0	72.0	172.4	44 600*																36.0
38.0	70.6	171.7	43 500*																38.0
40.0	69.2	170.9	42 500*	71.3	171.8	46 600*													40.0
42.0	67.8	170.1	41 400*	69.9	171.0	45 700*													42.0
44.0	66.4	169.2	40 200*	68.5	170.2	44 700*													44.0
46.0	64.9	168.3	39 100*	67.1	169.4	43 700*													46.0
48.0	63.5	167.2	37 900*	65.6	168.5	42 600*													48.0
50.0	62.0	166.2	36 700*	64.2	167.5	41 600*													50.0
52.0	60.5	165.0	35 600*	62.7	166.5	40 400*													52.0
54.0	59.0	163.8	34 400*	61.3	165.4	39 300*	66.6	168.0	48 800*										54.0
56.0	57.5	162.5	33 300*	59.8	164.2	38 100*	65.2	167.1	48 200*										56.0
58.0	55.9	161.2	32 200*	58.2	162.9	37 000*	63.8	166.1	47 500*										58.0
60.0	54.3	159.7	31 000*	56.7	161.6	35 800*	62.3	165.0	46 700*										60.0
62.0	52.7	158.2	30 000*	55.1	160.2	34 700*	60.8	163.9	45 800*										62.0
64.0	51.0	156.6	28 900*	53.5	158.7	33 600*	59.3	162.7	44 900*										64.0
66.0	49.3	154.9	27 900*	51.8	157.1	32 400*	57.8	161.4	43 800*										66.0
68.0	47.5	153.0	27 000*	50.1	155.5	31 400*	56.2	160.1	42 800*	61.7	162.9	46 900*							68.0
70.0	45.7	151.1	26 100*	48.4	153.7	30 300*	54.6	158.7	41 800*	60.2	161.8	46 900*							70.0
72.0	43.9	149.0	25 200*	46.6	151.8	29 300*	53.0	157.1	40 700*	58.7	160.5	46 900*							72.0
74.0	41.9	146.8	24 400*	44.8	149.8	28 300*	51.3	155.5	39 600*	57.2	159.2	46 900*							74.0
76.0	39.9	144.4	23 600*	42.9	147.6	27 400*	49.6	153.8	38 500*	55.6	157.9	46 900*							76.0
78.0	37.8	141.8	22 900*	40.9	145.3	26 500*	47.9	152.0	37 400*	54.0	156.4	46 900*							78.0
80.0	35.6	139.0	22 300*	38.8	142.8	25 700*	46.1	150.1	36 300*	52.4	154.9	46 300*							80.0
84.0	30.7	132.7	21 200*	34.4	137.2	24 300*	42.3	145.8	34 100*	49.0	151.5	42 700*	54.9	154.9	36 800*				84.0
88.0	25.0	124.8	20 500*	29.3	130.6	23 100*	38.2	140.9	31 700*	45.4	147.6	38 900*	51.6	151.8	33 500*				88.0
92.0	17.5	113.9	19 500*	23.3	122.1	21 800*	33.6	135.2	28 200*	41.5	143.3	35 100*	48.2	148.3	30 600*				92.0
96.0				14.9	109.9	19 000*	28.5	128.3	24 900*	37.4	138.2	31 400*	44.5	144.3	27 800*	50.6	147.9	20 800*	96.0
100.0							22.2	119.5	21 800*	32.7	132.3	28 000*	40.6	139.8	25 300*	47.1	144.2	18 600*	100.0
104.0							13.2	106.2	19 000*	27.4	125.2	24 700*	36.4	134.6	22 900*	43.4	140.1	16 500*	104.0
108.0										20.8	115.8	21 600*	31.6	128.5	20 700*	39.4	135.4	14 600*	108.0
112.0										10.7	100.7	18 900*	26.1	120.9	18 600*	35.1	130.0	12 800*	112.0
116.0													19.0	110.8	16 600*	30.1	123.5	11 000*	116.0
120.0																24.2	115.4	9 400*	120.0
124.0																16.4	104.0	7 700*	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
210 470 kg Wheeled Counterweight
at 18m 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, 94.5m (310 Ft.) Luffing Jib

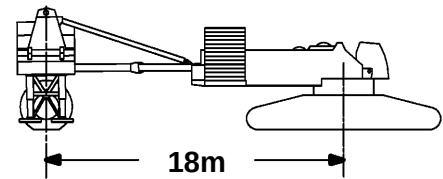
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
33.5	74.7	179.6	40 500*													33.5
34.0	74.4	179.4	40 300*													34.0
36.0	73.2	178.8	39 600*													36.0
38.0	71.9	178.1	38 800*													38.0
40.0	70.6	177.4	38 000*	72.5	178.2	41 300*										40.0
42.0	69.3	176.7	37 200*	71.2	177.5	40 600*										42.0
44.0	68.0	175.9	36 300*	69.9	176.8	39 900*										44.0
46.0	66.7	175.0	35 300*	68.6	176.0	39 100*										46.0
48.0	65.3	174.1	34 400*	67.3	175.2	38 300*										48.0
50.0	64.0	173.1	33 400*	66.0	174.3	37 500*										50.0
52.0	62.6	172.0	32 500*	64.6	173.3	36 600*										52.0
54.0	61.2	170.9	31 500*	63.3	172.3	35 700*										54.0
56.0	59.8	169.7	30 500*	61.9	171.2	34 800*	66.9	173.8	41 900*							56.0
58.0	58.4	168.5	29 600*	60.5	170.1	33 800*	65.6	172.9	41 900*							58.0
60.0	57.0	167.2	28 600*	59.1	168.9	32 900*	64.2	171.9	41 600*							60.0
62.0	55.5	165.8	27 700*	57.7	167.6	31 900*	62.9	170.9	41 000*							62.0
64.0	54.0	164.4	26 800*	56.2	166.2	31 000*	61.5	169.8	40 300*							64.0
66.0	52.4	162.8	25 900*	54.7	164.8	30 000*	60.1	168.6	39 700*							66.0
68.0	50.9	161.2	25 000*	53.2	163.3	29 100*	58.7	167.4	38 900*							68.0
70.0	49.3	159.4	24 200*	51.6	161.7	28 200*	57.2	166.1	38 100*							70.0
72.0	47.6	157.6	23 400*	50.1	160.1	27 300*	55.7	164.7	37 200*	61.0	167.6	40 000*				72.0
74.0	45.9	155.7	22 600*	48.4	158.3	26 400*	54.2	163.3	36 000*	59.6	166.5	40 000*				74.0
76.0	44.2	153.6	21 800*	46.8	156.4	25 600*	52.7	161.8	34 200*	58.1	165.2	40 000*				76.0
78.0	42.4	151.4	21 200*	45.1	154.4	24 800*	51.2	160.1	32 400*	56.7	163.9	38 800*				78.0
80.0	40.5	149.1	20 500*	43.3	152.3	23 900*	49.6	158.4	30 700*	55.2	162.5	37 100*				80.0
84.0	36.6	143.9	18 600*	39.6	147.6	21 000*	46.3	154.7	27 300*	52.1	159.4	33 700*	57.5	162.3	35 000*	84.0
88.0	32.2	137.9	15 900*	35.5	142.2	18 100*	42.7	150.5	24 100*	49.0	156.1	30 300*	54.5	159.5	31 800*	88.0
92.0	27.1	130.6	13 300*	31.0	135.9	15 400*	39.0	145.7	21 000*	45.6	152.2	27 000*	51.4	156.4	28 900*	92.0
96.0	21.0	121.2	10 900*	25.7	128.2	12 800*	34.8	140.2	18 100*	42.1	147.9	23 800*	48.2	152.9	26 100*	96.0
100.0	11.9	106.9	8 700*	19.1	118.0	10 400*	30.2	133.7	15 300*	38.2	143.1	20 700*	44.8	149.0	23 600*	100.0
104.0							24.8	125.7	12 700*	34.0	137.4	17 800*	41.2	144.5	21 300*	104.0
108.0							17.8	115.0	10 300*	29.3	130.7	15 000*	37.3	139.5	19 100*	108.0
112.0										23.7	122.3	12 400*	33.0	133.6	17 100*	112.0
116.0										16.2	110.7	10 100*	28.1	126.6	14 500*	116.0
120.0													22.2	117.7	12 000*	120.0
124.0													13.9	104.7	9 700*	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
 210 470 kg Wheeled Counterweight
 at 18m 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.	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	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	127 500*b							42.0
44.0							25.8	104.1	118 500*	53.3	112.8	120 900*							44.0
46.0										47.7	110.9	114 900*							46.0
48.0										41.4	108.7	109 500*							48.0
50.0										34.0	105.8	104 300*							50.0
52.0										24.6	101.7	99 400*	52.2	109.9	91 100*				52.0
54.0													46.4	108.0	87 100*				54.0
56.0													40.0	105.6	83 300*				56.0
58.0													32.3	102.6	79 800*				58.0
60.0													22.1	98.1	76 300*	50.4	106.2	69 200*	60.0
62.0																44.4	104.1	66 300*	62.0
64.0																37.6	101.6	63 600*	64.0
66.0																29.4	98.1	60 900*	66.0
68.0																17.3	92.7	58 300*	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.

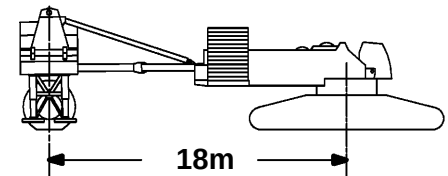
Capacities indicated by **(d)** require
 25 400 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 18m 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	114 000*							46.0
48.0							31.5	109.8	100 900*	52.5	117.3	108 600*							48.0
50.0							23.5	105.5	98 000*	47.9	115.5	103 600*							50.0
52.0										42.9	113.4	98 900*							52.0
54.0										37.3	110.8	94 600*	56.0	116.1	86 100*				54.0
56.0										30.8	107.5	90 500*	51.6	114.5	82 400*				56.0
58.0										22.4	103.1	86 600*	46.9	112.6	78 900*				58.0
60.0													41.8	110.4	75 700*				60.0
62.0													36.1	107.7	72 600*				62.0
64.0													29.2	104.2	69 600*	50.1	110.7	62 600*	64.0
66.0													20.2	99.3	66 700*	45.3	108.8	60 100*	66.0
68.0																40.0	106.4	57 700*	68.0
70.0																34.0	103.5	55 400*	70.0
72.0																26.6	99.7	53 300*	72.0
74.0																16.0	93.8	51 100*	74.0

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

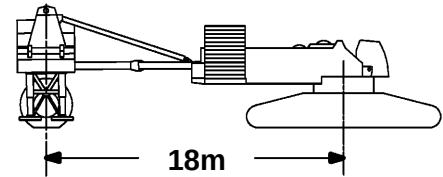
Capacities indicated by **(c)** require
16 780 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 18m 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.	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	
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	106 800*							48.0
50.0				10.3	100.2	74 600*	39.9	117.8	90 100*	55.7	123.5	101 900*							50.0
52.0							34.9	114.9	86 700*	52.0	121.9	97 300*							52.0
54.0							29.1	111.4	83 800*	48.1	120.1	93 100*							54.0
56.0							21.8	106.8	81 700*	43.9	118.1	89 100*							56.0
58.0										39.4	115.6	85 400*	54.9	120.7	77 100*				58.0
60.0										34.3	112.7	81 900*	51.2	119.1	73 900*				60.0
62.0										28.4	109.2	78 600*	47.3	117.2	71 000*				62.0
64.0										20.8	104.3	75 400*	43.0	115.1	68 100*				64.0
66.0													38.4	112.6	65 400*				66.0
68.0													33.2	109.6	62 800*	49.9	115.3	55 900*	68.0
70.0													27.0	105.8	60 400*	45.9	113.4	53 800*	70.0
72.0													18.9	100.6	58 000*	41.5	111.2	51 700*	72.0
74.0																36.7	108.5	49 700*	74.0
76.0																31.3	105.3	47 800*	76.0
78.0																24.6	101.2	46 000*	78.0
80.0																15.2	94.9	44 000*	80.0

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

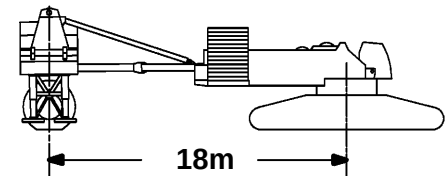
Capacities indicated by (c) require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

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
210 470 kg Wheeled Counterweight
at 18m 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	100 300*							50.0
52.0				27.4	114.4	62 500*	45.0	124.8	81 500*	57.9	129.6	96 100*							52.0
54.0				20.8	109.5	61 500*	41.3	122.5	78 400*	54.8	128.1	91 900*							54.0
56.0				10.3	101.3	62 400*	37.1	119.9	75 500*	51.6	126.5	88 000*							56.0
58.0							32.5	116.8	72 900*	48.2	124.7	84 300*							58.0
60.0							27.2	113.1	70 600*	44.6	122.7	80 900*							60.0
62.0							20.5	108.1	69 100*	40.8	120.4	77 700*	54.1	125.3	69 800*				62.0
64.0							9.4	99.5	68 900*	36.6	117.7	74 600*	50.9	123.7	67 000*				64.0
66.0										32.0	114.6	71 800*	47.5	121.8	64 300*				66.0
68.0										26.5	110.7	69 000*	43.9	119.8	61 800*				68.0
70.0										19.6	105.6	66 300*	40.0	117.4	59 400*				70.0
72.0													35.7	114.6	57 200*	49.8	119.9	50 500*	72.0
74.0													30.9	111.4	55 000*	46.3	118.0	48 600*	74.0
76.0													25.3	107.3	52 900*	42.6	115.9	46 700*	76.0
78.0													17.8	101.7	50 900*	38.6	113.4	44 800*	78.0
80.0																34.2	110.5	43 000*	80.0
84.0																23.1	102.6	39 500*	84.0

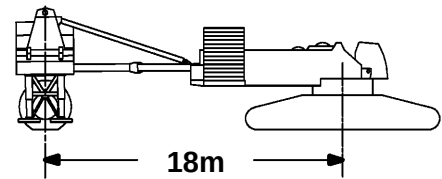
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 210 470 kg Wheeled Counterweight
 at 18m 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	88 800*							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	86 400*							56.0
58.0				25.9	115.9	52 300*	42.3	127.2	68 400*	54.1	132.8	82 600*							58.0
60.0				19.8	110.8	51 700*	38.7	124.7	65 900*	51.3	131.1	79 200*							60.0
62.0				10.2	102.4	52 500*	34.9	121.9	63 600*	48.3	129.4	76 100*							62.0
64.0							30.6	118.6	61 600*	45.2	127.4	73 100*	56.3	131.4	65 100*				64.0
66.0							25.7	114.6	59 800*	41.9	125.1	70 200*	53.5	129.9	62 500*				66.0
68.0							19.5	109.4	58 600*	38.3	122.6	67 600*	50.7	128.3	60 000*				68.0
70.0							9.6	100.6	58 600*	34.4	119.7	65 000*	47.7	126.4	57 700*				70.0
72.0										30.1	116.4	62 600*	44.5	124.4	55 500*				72.0
74.0										25.1	112.2	60 200*	41.2	122.1	53 400*				74.0
76.0										18.7	106.8	57 900*	37.6	119.6	51 400*	49.7	124.5	44 200*	76.0
78.0													33.6	116.6	49 500*	46.7	122.7	42 300*	78.0
80.0													29.1	113.1	47 700*	43.4	120.5	40 600*	80.0
84.0													17.0	102.9	44 200*	36.3	115.5	37 300*	84.0
88.0																27.5	108.6	34 300*	88.0
92.0																14.0	97.1	31 200*	92.0

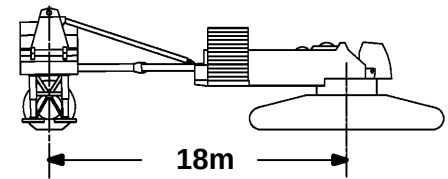
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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, 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	74.6	150.3	77 400*(b)																24.4
26.0	72.9	149.8	75 900*																26.0
28.0	70.8	149.1	73 800*																28.0
30.0	68.7	148.3	71 600*																30.0
32.0	66.5	147.4	69 300*	69.9	148.5	76 400*													32.0
34.0	64.3	146.4	66 900*	67.8	147.7	74 300*													34.0
36.0	62.1	145.4	64 500*	65.6	146.8	72 100*													36.0
38.0	59.8	144.2	62 000*	63.4	145.7	69 800*													38.0
40.0	57.4	142.9	59 600*	61.1	144.6	67 400*													40.0
42.0	55.0	141.5	57 300*	58.8	143.4	65 000*													42.0
44.0	52.5	139.9	55 000*	56.4	142.1	62 600*	65.5	145.6	79 500*										44.0
46.0	49.9	138.2	52 900*	54.0	140.6	60 200*	63.3	144.5	77 700*										46.0
48.0	47.2	136.4	50 800*	51.4	139.0	57 900*	61.0	143.4	75 800*										48.0
50.0	44.3	134.3	48 900*	48.8	137.2	55 700*	58.7	142.2	73 700*										50.0
52.0	41.4	132.1	47 100*	46.0	135.3	53 600*	56.3	140.9	71 500*										52.0
54.0	38.2	129.5	45 500*	43.2	133.2	51 600*	53.9	139.4	69 200*										54.0
56.0	34.7	126.7	44 100*	40.1	130.8	49 700*	51.3	137.8	66 900*	60.8	141.5	79 600*							56.0
58.0	30.9	123.4	42 900*	36.8	128.1	48 000*	48.7	136.0	64 600*	58.4	140.2	79 600*							58.0
60.0	26.6	119.5	42 000*	33.2	125.1	46 500*	45.9	134.1	62 300*	56.0	138.9	78 200*							60.0
62.0	21.4	114.7	41 500*	29.2	121.6	45 300*	43.0	131.9	60 100*	53.6	137.4	74 900*							62.0
64.0	14.5	107.9	41 800*	24.6	117.4	44 400*	39.9	129.5	58 000*	51.0	135.7	71 900*							64.0
66.0				18.9	112.0	43 900*	36.6	126.9	56 000*	48.4	133.9	69 100*							66.0
68.0				10.2	103.5	44 700*	33.1	123.8	54 200*	45.6	132.0	66 400*	55.5	136.1	58 700*				68.0
70.0							29.0	120.3	52 600*	42.7	129.8	63 900*	53.1	134.5	56 400*				70.0
72.0							24.4	116.1	51 300*	39.6	127.4	61 600*	50.5	132.9	54 300*				72.0
74.0							18.6	110.6	50 400*	36.3	124.7	59 300*	47.8	131.1	52 200*				74.0
76.0							9.6	101.7	50 400*	32.6	121.6	57 100*	45.0	129.1	50 300*				76.0
78.0										28.6	118.0	55 000*	42.1	126.8	48 400*	52.2	130.9	40 600*	78.0
80.0										23.8	113.7	53 000*	38.9	124.4	46 600*	49.6	129.1	38 900*	80.0
84.0													31.8	118.4	43 300*	44.1	125.2	35 700*	84.0
88.0													22.8	110.2	40 100*	37.9	120.3	32 700*	88.0
92.0																30.5	114.1	30 000*	92.0
96.0																20.9	105.2	27 400*	96.0

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

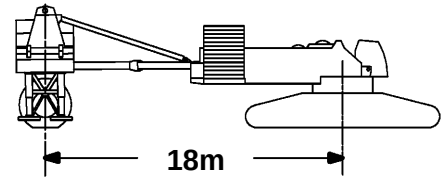


Liftcrane Luffing Jib Capacities

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
 210 470 kg Wheeled Counterweight
 at 18m 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, 64.0m (210 Ft.) Luffing Jib

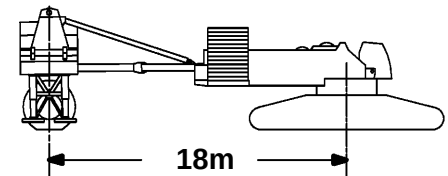
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	74.7	156.2	68 400*																25.9
26.0	74.6	156.2	68 400*																26.0
28.0	72.7	155.6	66 700*																28.0
30.0	70.8	154.9	65 000*																30.0
32.0	68.9	154.1	63 100*	71.9	155.0	69 100*													32.0
34.0	66.9	153.2	61 200*	70.0	154.3	67 500*													34.0
36.0	64.9	152.2	59 100*	68.1	153.5	65 700*													36.0
38.0	62.9	151.2	57 100*	66.1	152.6	63 900*													38.0
40.0	60.9	150.1	55 100*	64.1	151.6	61 900*													40.0
42.0	58.8	148.9	53 000*	62.1	150.5	60 000*													42.0
44.0	56.6	147.5	51 000*	60.0	149.3	57 900*													44.0
46.0	54.4	146.1	49 100*	57.9	148.1	55 900*	66.0	151.4	70 700*										46.0
48.0	52.1	144.5	47 200*	55.7	146.7	53 900*	64.0	150.4	69 300*										48.0
50.0	49.8	142.8	45 400*	53.5	145.2	51 900*	62.0	149.3	67 700*										50.0
52.0	47.4	141.0	43 700*	51.2	143.6	50 000*	59.9	148.1	66 000*										52.0
54.0	44.8	139.0	42 100*	48.8	141.8	48 100*	57.8	146.9	64 200*										54.0
56.0	42.2	136.8	40 600*	46.3	139.9	46 400*	55.6	145.5	62 300*										56.0
58.0	39.3	134.3	39 300*	43.8	137.8	44 700*	53.4	144.0	60 400*	61.8	147.3	70 500*							58.0
60.0	36.3	131.6	38 000*	41.0	135.5	43 100*	51.1	142.4	58 500*	59.7	146.2	70 500*							60.0
62.0	33.1	128.6	36 900*	38.1	133.0	41 700*	48.7	140.6	56 600*	57.6	144.9	70 300*							62.0
64.0	29.5	125.1	36 100*	35.0	130.2	40 400*	46.2	138.7	54 700*	55.4	143.5	69 100*							64.0
66.0	25.4	121.1	35 400*	31.7	127.0	39 200*	43.6	136.6	52 800*	53.2	142.0	67 400*							66.0
68.0	20.6	116.0	35 100*	27.9	123.3	38 300*	40.9	134.3	51 000*	50.8	140.3	64 800*							68.0
70.0	14.1	109.1	35 400*	23.6	118.9	37 600*	38.0	131.7	49 300*	48.4	138.6	62 300*							70.0
72.0				18.2	113.3	37 300*	34.9	128.9	47 700*	45.9	136.6	59 900*	54.9	140.7	52 400*				72.0
74.0				10.2	104.6	38 000*	31.5	125.7	46 300*	43.3	134.5	57 700*	52.7	139.1	50 400*				74.0
76.0							27.7	121.9	45 000*	40.6	132.2	55 600*	50.4	137.5	48 500*				76.0
78.0							23.4	117.5	44 000*	37.7	129.6	53 500*	47.9	135.7	46 700*				78.0
80.0							18.0	111.8	43 300*	34.5	126.7	51 600*	45.4	133.7	44 900*				80.0
84.0										27.3	119.7	48 000*	40.0	129.1	41 300*	49.6	133.7	33 200*	84.0
88.0										17.3	109.2	44 500*	33.9	123.6	38 100*	44.6	129.8	30 300*	88.0
92.0													26.4	116.3	35 000*	39.1	125.2	27 700*	92.0
96.0													15.9	105.2	32 100*	32.7	119.4	25 200*	96.0
100.0																25.0	111.7	22 900*	100.0
104.0																13.3	99.3	20 600*	104.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42.7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
210 470 kg Wheeled Counterweight
at 18m 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, 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	74.7	162.1	60 700*																27.4
28.0	74.3	162.0	60 300*																28.0
30.0	72.5	161.3	59 000*																30.0
32.0	70.8	160.6	57 400*																32.0
34.0	69.0	159.8	55 900*	71.8	160.8	61 200*													34.0
36.0	67.3	159.0	54 200*	70.1	160.0	59 800*													36.0
38.0	65.5	158.1	52 500*	68.3	159.2	58 400*													38.0
40.0	63.6	157.1	50 800*	66.5	158.4	56 900*													40.0
42.0	61.8	156.0	49 100*	64.7	157.4	55 200*													42.0
44.0	59.9	154.8	47 300*	62.9	156.4	53 500*													44.0
46.0	58.0	153.5	45 700*	61.0	155.2	51 800*													46.0
48.0	56.0	152.2	44 000*	59.1	154.0	50 200*	66.5	157.2	63 000*										48.0
50.0	54.0	150.7	42 400*	57.2	152.7	48 400*	64.7	156.2	61 900*										50.0
52.0	51.9	149.1	40 800*	55.2	151.3	46 700*	62.8	155.2	60 700*										52.0
54.0	49.7	147.4	39 300*	53.1	149.8	45 100*	60.9	154.0	59 300*										54.0
56.0	47.5	145.6	37 900*	51.0	148.2	43 500*	59.0	152.8	57 800*										56.0
58.0	45.2	143.6	36 500*	48.8	146.4	41 900*	57.1	151.5	56 300*										58.0
60.0	42.8	141.4	35 200*	46.6	144.5	40 400*	55.1	150.1	54 700*										60.0
62.0	40.3	139.1	34 100*	44.2	142.5	39 000*	53.0	148.6	53 100*	60.7	152.1	62 700*							62.0
64.0	37.6	136.5	33 000*	41.8	140.2	37 600*	50.9	147.0	51 400*	58.8	150.9	62 700*							64.0
66.0	34.7	133.6	32 000*	39.2	137.8	36 400*	48.7	145.2	49 800*	56.9	149.5	62 400*							66.0
68.0	31.7	130.4	31 200*	36.5	135.1	35 300*	46.5	143.3	48 200*	54.8	148.1	61 100*							68.0
70.0	28.3	126.8	30 600*	33.5	132.1	34 200*	44.1	141.2	46 600*	52.8	146.6	59 800*							70.0
72.0	24.4	122.5	30 100*	30.3	128.7	33 400*	41.7	139.0	45 100*	50.7	144.9	58 400*							72.0
74.0	19.8	117.3	30 000*	26.8	124.9	32 700*	39.1	136.5	43 700*	48.5	143.2	56 600*	56.4	146.7	49 100*				74.0
76.0	13.8	110.2	30 300*	22.7	120.3	32 200*	36.3	133.8	42 300*	46.2	141.2	54 400*	54.4	145.3	47 100*				76.0
78.0				17.6	114.5	32 000*	33.4	130.8	41 000*	43.9	139.2	52 400*	52.4	143.7	45 100*				78.0
80.0				10.2	105.6	32 700*	30.2	127.4	39 800*	41.4	136.9	50 500*	50.2	142.1	43 200*				80.0
84.0							22.5	118.9	38 000*	36.0	131.7	46 900*	45.7	138.3	39 700*				84.0
88.0							9.7	103.9	37 700*	29.8	125.2	43 600*	40.9	133.9	36 500*	49.5	138.3	28 600*	88.0
92.0										22.0	116.5	40 600*	35.4	128.6	33 500*	45.0	134.5	26 000*	92.0
96.0										8.4	100.5	37 600*	29.1	121.9	30 800*	40.0	129.9	23 600*	96.0
100.0													21.0	112.9	28 100*	34.5	124.4	21 300*	100.0
104.0																27.9	117.5	19 300*	104.0
108.0																19.4	107.8	17 200*	108.0