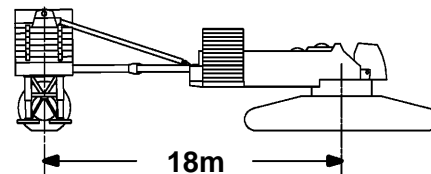


# Liftcrane Luffing Jib Capacities

**Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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 390 090 wheeled counterweight.

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

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

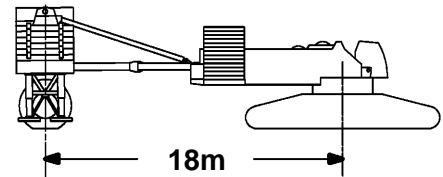


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	72.3	77.8	334 600* <b>b</b>													16.8
18.0	69.5	77.3	327 000* <b>b</b>													18.0
20.0	64.9	76.3	315 900* <b>b</b>													20.0
22.0	60.0	75.2	305 900*													22.0
24.0	54.9	73.7	282 500*													24.0
26.0	49.4	72.0	248 000*	60.6	74.6	309 200*										26.0
28.0	43.3	69.9	222 100*	55.5	73.2	286 300*										28.0
30.0	36.3	67.2	196 500*	50.0	71.5	251 400*										30.0
32.0	27.7	63.6	160 600*	44.0	69.4	225 000*	55.9	72.3	268 600*							32.0
34.0				37.2	66.8	203 000*	50.4	70.6	251 000*							34.0
36.0				28.8	63.4	177 000*	44.5	68.6	227 600*							36.0
38.0				16.2	57.7	134 800*	37.7	66.0	204 800*	50.5	69.3	219 100*				38.0
40.0							29.5	62.6	184 600*	44.6	67.2	207 400*				40.0
42.0							17.5	57.3	147 900*	37.8	64.7	196 700*	50.3	67.4	192 500*	42.0
44.0										29.7	61.3	186 100*	44.3	65.4	182 900*	44.0
46.0													37.5	62.8	174 300*	46.0
48.0													29.2	59.4	166 200*	48.0
50.0													17.0	53.9	158 600*	50.0

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

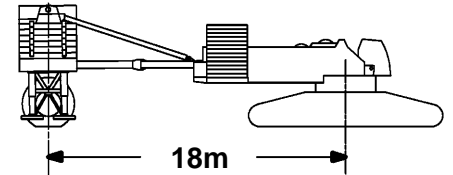


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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>b</b>													18.3
20.0	69.8	83.1	290 200* <b>b</b>													20.0
22.0	66.0	82.2	281 100* <b>b</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	284 300*										26.0
28.0	53.8	78.3	227 400*	62.6	80.5	276 400*										28.0
30.0	49.3	76.6	205 600*	58.5	79.3	259 100*										30.0
32.0	44.4	74.5	187 200*	54.3	77.8	230 200*	62.8	79.6	267 700*							32.0
34.0	39.0	72.1	171 500*	49.8	76.1	208 000*	58.8	78.3	251 300*							34.0
36.0	32.8	69.1	157 100*	45.0	74.1	189 300*	54.6	76.9	232 900*							36.0
38.0	25.2	65.0	132 400*	39.7	71.7	173 400*	50.2	75.2	209 600*							38.0
40.0				33.6	68.8	159 500*	45.4	73.2	190 800*	54.7	75.6	206 700*				40.0
42.0				26.1	64.9	143 800*	40.1	70.9	174 600*	50.3	73.9	196 100*				42.0
44.0				15.1	58.8	113 200*	34.0	68.0	160 700*	45.5	71.9	186 500*				44.0
46.0							26.7	64.2	148 200*	40.2	69.5	175 400*	50.0	72.1	173 500*	46.0
48.0							16.2	58.4	125 700*	34.2	66.6	161 200*	45.2	70.1	165 600*	48.0
50.0										26.9	62.9	148 900*	39.9	67.7	158 400*	50.0
52.0													33.9	64.7	151 600*	52.0
54.0													26.5	60.9	145 200*	54.0
56.0													15.8	55.0	137 400*	56.0

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

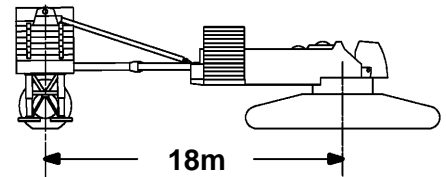


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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>b</b>													21.3
22.0	69.9	88.8	256 000* <b>b</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	245 400*										30.0
32.0	53.1	82.9	188 600*	60.6	85.2	231 900*										32.0
34.0	49.3	81.2	172 800*	57.1	83.9	209 400*										34.0
36.0	45.2	79.2	159 200*	53.5	82.4	190 600*	60.8	84.3	232 400*							36.0
38.0	40.8	76.9	147 300*	49.7	80.7	174 600*	57.4	83.0	211 100*							38.0
40.0	35.9	74.1	136 800*	45.6	78.7	160 800*	53.8	81.5	192 000*							40.0
42.0	30.2	70.8	125 800*	41.3	76.5	148 700*	50.0	79.8	175 800*							42.0
44.0	23.3	66.4	106 900*	36.4	73.8	138 100*	45.9	77.9	161 900*	53.8	80.2	185 000*				44.0
46.0				30.9	70.5	128 600*	41.6	75.6	149 700*	50.1	78.5	175 800*				46.0
48.0				24.2	66.3	117 100*	36.8	73.0	139 000*	46.0	76.5	162 300*				48.0
50.0				14.4	59.8	93 300*	31.3	69.8	129 500*	41.7	74.3	150 100*	49.9	76.6	156 900*	50.0
52.0							24.7	65.7	120 700*	36.9	71.7	139 400*	45.8	74.7	150 200*	52.0
54.0							15.3	59.5	103 800*	31.5	68.5	129 900*	41.5	72.4	143 900*	54.0
56.0										24.9	64.4	121 300*	36.7	69.8	138 100*	56.0
58.0													31.2	66.6	129 600*	58.0
60.0													24.5	62.4	121 100*	60.0
62.0													14.9	56.1	113 100*	62.0

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

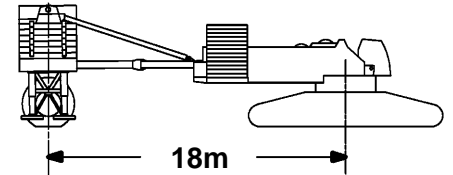


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	215 500*										32.0
34.0	55.7	89.1	173 500*	62.0	91.1	208 200*										34.0
36.0	52.5	87.5	160 200*	59.1	89.9	192 200*										36.0
38.0	49.2	85.8	148 100*	56.0	88.6	175 500*										38.0
40.0	45.7	83.8	137 600*	52.9	87.0	161 600*	59.3	89.0	193 100*							40.0
42.0	42.0	81.6	128 300*	49.6	85.3	149 500*	56.3	87.6	176 700*							42.0
44.0	37.9	79.1	119 900*	46.1	83.4	138 900*	53.1	86.1	162 600*							44.0
46.0	33.4	76.1	112 300*	42.4	81.2	129 400*	49.8	84.4	150 400*	56.3	86.3	174 900*				46.0
48.0	28.2	72.5	103 700*	38.4	78.7	121 000*	46.4	82.5	139 700*	53.2	84.8	163 300*				48.0
50.0	21.9	67.8	88 300*	33.9	75.8	113 300*	42.7	80.3	130 200*	49.9	83.1	150 700*				50.0
52.0				28.9	72.2	106 400*	38.7	77.8	121 700*	46.4	81.2	140 000*				52.0
54.0				22.7	67.7	97 700*	34.3	75.0	114 000*	42.8	79.0	130 500*	49.7	81.2	143 000*	54.0
56.0				13.8	60.9	78 300*	29.3	71.5	107 100*	38.8	76.5	122 000*	46.3	79.3	137 200*	56.0
58.0							23.2	67.1	100 600*	34.4	73.6	114 300*	42.6	77.2	130 100*	58.0
60.0							14.6	60.6	87 300*	29.4	70.2	107 400*	38.6	74.7	121 700*	60.0
62.0										23.3	65.8	101 000*	34.1	71.7	114 100*	62.0
64.0										14.9	59.3	94 400*	29.1	68.2	107 200*	64.0
66.0													23.0	63.8	100 900*	66.0
68.0													14.3	57.2	94 500*	68.0

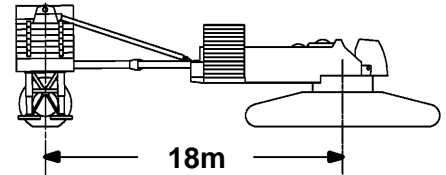


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	189 100*										34.0
36.0	57.6	95.1	153 900*	63.1	97.0	183 200*										36.0
38.0	54.9	93.7	146 000*	60.6	95.8	175 000*										38.0
40.0	52.1	92.1	137 300*	57.9	94.6	161 200*										40.0
42.0	49.2	90.4	127 800*	55.2	93.2	149 000*	60.7	94.9	175 200*							42.0
44.0	46.1	88.4	119 500*	52.4	91.6	138 400*	58.1	93.7	162 400*							44.0
46.0	42.9	86.3	111 900*	49.5	89.9	128 900*	55.4	92.2	149 900*							46.0
48.0	39.4	83.9	105 100*	46.5	88.0	120 500*	52.6	90.7	139 200*							48.0
50.0	35.6	81.1	99 000*	43.2	85.9	112 900*	49.7	89.0	129 700*	55.5	90.9	150 200*				50.0
52.0	31.4	77.9	93 300*	39.8	83.5	106 000*	46.7	87.1	121 100*	52.7	89.4	139 400*				52.0
54.0	26.6	74.0	86 300*	36.1	80.8	99 800*	43.5	85.0	113 500*	49.8	87.7	129 800*				54.0
56.0	20.8	69.1	73 100*	31.9	77.6	94 100*	40.1	82.6	106 600*	46.8	85.8	121 400*				56.0
58.0				27.2	73.8	88 800*	36.3	79.9	100 300*	43.6	83.7	113 800*	49.7	85.8	129 500*	58.0
60.0				21.5	69.1	81 700*	32.2	76.8	94 600*	40.1	81.3	106 800*	46.6	83.9	121 000*	60.0
62.0				13.4	62.0	65 800*	27.6	73.1	89 300*	36.4	78.6	100 600*	43.4	81.8	113 400*	62.0
64.0							22.0	68.4	84 100*	32.3	75.5	94 900*	40.0	79.4	106 600*	64.0
66.0							14.1	61.7	73 700*	27.7	71.8	89 600*	36.2	76.7	100 400*	66.0
68.0										22.1	67.2	84 500*	32.1	73.6	94 700*	68.0
70.0										14.3	60.4	79 100*	27.4	69.9	89 500*	70.0
72.0													21.8	65.2	84 500*	72.0
74.0													13.8	58.3	79 100*	74.0

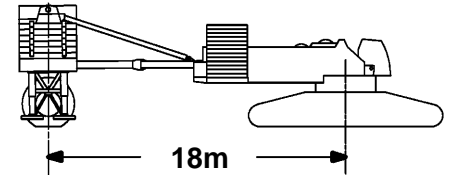


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	72.4	106.9	169 900*													25.9
26.0	72.3	106.8	169 700*													26.0
28.0	70.2	106.1	165 300*													28.0
30.0	68.1	105.3	160 200*													30.0
32.0	65.9	104.4	154 800*													32.0
34.0	63.7	103.4	149 000*													34.0
36.0	61.4	102.3	142 800*	66.2	103.8	161 200*										36.0
38.0	59.1	101.1	136 600*	64.0	102.8	157 400*										38.0
40.0	56.8	99.7	130 400*	61.7	101.7	153 300*										40.0
42.0	54.3	98.3	124 200*	59.4	100.5	147 800*										42.0
44.0	51.8	96.7	118 200*	57.0	99.2	138 100*										44.0
46.0	49.2	95.0	111 500*	54.6	97.8	128 500*	59.6	99.6	148 900*							46.0
48.0	46.4	93.1	104 700*	52.1	96.2	120 000*	57.2	98.3	138 800*							48.0
50.0	43.6	91.0	98 500*	49.5	94.5	112 400*	54.8	96.9	129 100*							50.0
52.0	40.5	88.6	92 900*	46.7	92.6	105 500*	52.3	95.3	120 600*	57.2	96.9	138 900*				52.0
54.0	37.3	86.0	87 700*	43.9	90.5	99 300*	49.7	93.6	113 000*	54.8	95.5	129 300*				54.0
56.0	33.7	83.1	82 900*	40.9	88.2	93 600*	46.9	91.7	106 100*	52.3	94.0	120 800*				56.0
58.0	29.8	79.6	78 300*	37.6	85.7	88 400*	44.1	89.7	99 800*	49.7	92.3	113 100*				58.0
60.0	25.3	75.6	72 300*	34.1	82.7	83 600*	41.1	87.4	94 100*	47.0	90.4	106 300*	52.2	92.2	120 400*	60.0
62.0	19.8	70.4	61 300*	30.3	79.4	79 100*	37.9	84.8	88 900*	44.2	88.3	100 000*	49.6	90.4	112 800*	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	94 300*	46.9	88.6	105 900*	64.0
66.0				20.5	70.4	68 900*	30.6	78.6	79 600*	38.0	83.5	89 100*	44.0	86.5	99 700*	66.0
68.0				13.0	63.1	55 700*	26.2	74.7	75 300*	34.5	80.6	84 300*	41.0	84.2	94 100*	68.0
70.0							21.0	69.8	71 000*	30.7	77.3	79 800*	37.8	81.6	88 900*	70.0
72.0							13.7	62.7	62 800*	26.3	73.4	75 600*	34.3	78.7	84 100*	72.0
74.0										21.1	68.5	71 400*	30.5	75.4	79 700*	74.0
76.0										13.9	61.5	67 000*	26.1	71.4	75 600*	76.0
78.0													20.8	66.5	71 400*	78.0
80.0													13.5	59.3	67 100*	80.0

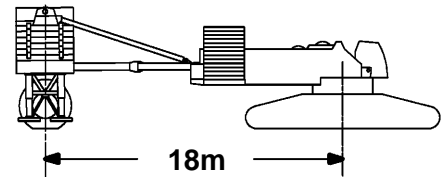


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	130 300*							48.0
50.0	49.2	99.6	97 200*	54.1	102.4	111 200*	58.6	104.3	126 400*							50.0
52.0	46.7	97.7	91 800*	51.8	100.8	104 300*	56.4	102.9	119 400*							52.0
54.0	44.1	95.6	86 600*	49.4	99.1	98 100*	54.2	101.5	111 700*							54.0
56.0	41.4	93.4	81 800*	47.0	97.2	92 400*	52.0	99.9	104 800*	56.5	101.6	119 300*				56.0
58.0	38.6	90.9	77 500*	44.4	95.2	87 200*	49.6	98.2	98 600*	54.3	100.1	111 800*				58.0
60.0	35.5	88.1	73 400*	41.7	92.9	82 500*	47.2	96.3	92 900*	52.0	98.6	104 900*				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	98 700*				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	93 000*	51.9	96.7	104 600*	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	87 800*	49.5	95.0	98 400*	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	83 000*	47.1	93.2	92 800*	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	78 600*	44.5	91.1	87 600*	70.0
72.0				19.7	71.7	57 900*	29.2	80.3	67 000*	36.1	85.6	74 500*	41.8	88.9	82 800*	72.0
74.0				12.8	64.2	46 900*	25.1	76.2	63 400*	32.9	82.5	70 700*	39.0	86.4	78 500*	74.0
76.0							20.1	71.1	59 800*	29.2	79.0	67 200*	36.0	83.7	74 400*	76.0
78.0							13.4	63.8	53 100*	25.1	74.9	63 700*	32.7	80.6	70 600*	78.0
80.0										20.2	69.8	60 100*	29.1	77.1	67 100*	80.0
84.0													20.0	67.8	60 200*	84.0



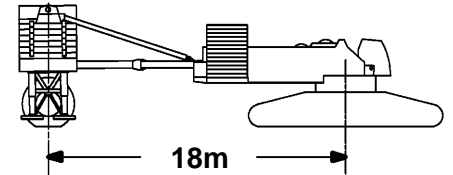


# Liftcrane Luffing Jib Capacities

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  
390 090 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	108 300*							52.0
54.0	49.1	104.2	84 900*	53.6	107.0	96 500*	57.8	108.9	104 800*							54.0
56.0	46.9	102.3	81 000*	51.5	105.4	91 700*	55.8	107.6	101 100*							56.0
58.0	44.6	100.3	76 600*	49.4	103.7	86 300*	53.8	106.1	97 300*	57.8	107.6	103 500*				58.0
60.0	42.1	98.1	72 500*	47.2	101.8	81 600*	51.7	104.5	92 000*	55.9	106.2	100 300*				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	96 900*				62.0
64.0	36.9	93.0	65 300*	42.4	97.6	73 100*	47.3	101.0	81 900*	51.7	103.2	92 100*				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	86 900*				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	82 100*	51.6	101.3	91 500*	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	77 600*	49.5	99.6	86 600*	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	73 600*	47.3	97.8	81 800*	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	69 800*	44.9	95.8	77 500*	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	66 200*	42.5	93.6	73 400*	76.0
78.0				19.0	72.9	48 800*	28.0	82.0	56 700*	34.6	87.6	63 000*	40.0	91.2	69 600*	78.0
80.0				12.5	65.2	39 500*	24.1	77.7	53 600*	31.5	84.4	59 900*	37.3	88.6	66 100*	80.0
84.0							13.1	64.9	45 200*	24.2	76.4	53 900*	31.3	82.5	59 800*	84.0
88.0										13.3	63.7	47 900*	24.0	74.4	54 000*	88.0
92.0													12.9	61.5	48 000*	92.0

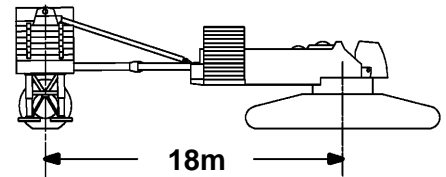


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	83 300*				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	80 200*				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	77 200*				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	74 100*				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	71 000*	51.4	105.9	76 100*	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	68 000*	49.4	104.2	73 300*	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	64 800*	47.4	102.4	70 500*	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	61 500*	45.3	100.4	67 700*	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	58 500*	43.1	98.3	64 700*	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	58 300*	84.0
88.0							18.8	73.6	42 400*	27.0	82.3	47 800*	33.1	87.6	52 800*	88.0
92.0										18.9	72.3	42 700*	26.8	80.4	47 800*	92.0
96.0													18.7	70.3	42 800*	96.0

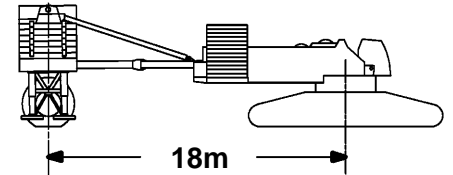


# Liftcrane Luffing Jib Capacities

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  
390 090 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	62 400*	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	59 900*	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	57 400*	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	52 400*	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	47 600*	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	43 200*	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

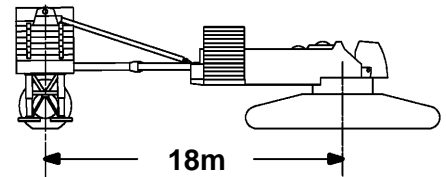


# Liftcrane Luffing Jib Capacities

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  
 390 090 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

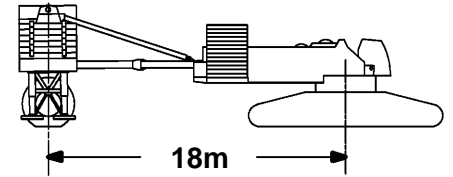


# Liftcrane Luffing Jib Capacities

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  
390 090 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													21.1	80.0	12 700*	112.0
116.0													12.2	65.8	10 200*	116.0

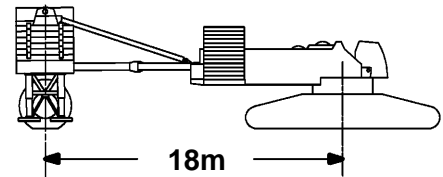


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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>b</b>													18.3
20.0	66.1	82.7	308 700* <b>b</b>													20.0
22.0	61.4	81.6	293 900* <b>b</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	306 100* <b>b</b>										26.0
28.0	45.0	76.5	228 700*	58.2	80.0	295 700*										28.0
30.0	38.3	74.0	205 900*	53.0	78.5	269 700*										30.0
32.0	30.2	70.7	172 700*	47.3	76.6	238 400*	59.9	79.3	265 500*							32.0
34.0				40.9	74.3	214 200*	54.8	77.9	249 200*							34.0
36.0				33.5	71.4	193 500*	49.2	76.1	234 600*							36.0
38.0				23.8	67.2	160 100*	43.1	74.0	221 400*							38.0
40.0							36.1	71.3	200 600*	50.8	75.1	204 300*				40.0
42.0							27.4	67.6	179 700*	44.9	73.1	193 800*				42.0
44.0							13.4	61.2	138 900*	38.1	70.6	184 300*				44.0
46.0										30.0	67.2	175 400*	46.1	71.6	171 000*	46.0
48.0										18.5	62.1	158 900*	39.6	69.2	163 200*	48.0
50.0													31.8	66.0	155 900*	50.0
52.0													21.3	61.4	148 900*	52.0

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

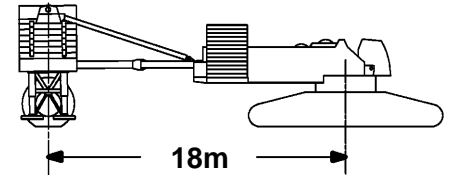


# Liftcrane Luffing Jib Capacities

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  
 390 090 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>b</b>													19.8
20.0	70.8	89.4	277 000* <b>b</b>													20.0
22.0	67.0	88.5	264 000* <b>b</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	272 300*										28.0
30.0	50.5	83.1	205 300*	60.7	86.0	265 300*										30.0
32.0	45.8	81.2	191 800*	56.6	84.6	243 900*										32.0
34.0	40.5	78.9	175 400*	52.2	83.1	219 200*	62.0	85.2	248 500*							34.0
36.0	34.6	76.0	161 300*	47.6	81.2	198 800*	58.0	83.9	233 900*							36.0
38.0	27.4	72.3	144 600*	42.5	79.0	181 500*	53.7	82.5	220 900*							38.0
40.0				36.9	76.4	166 600*	49.2	80.7	205 900*							40.0
42.0				30.3	73.1	153 600*	44.3	78.7	187 100*	54.9	81.3	193 100*				42.0
44.0				21.7	68.5	135 800*	38.9	76.2	171 500*	50.4	79.7	183 600*				44.0
46.0							32.6	73.2	158 000*	45.7	77.7	174 900*				46.0
48.0							24.9	69.1	146 100*	40.4	75.4	166 900*				48.0
50.0							12.7	62.3	120 200*	34.4	72.5	159 600*	46.6	76.2	155 200*	50.0
52.0										27.2	68.8	149 500*	41.5	73.9	148 600*	52.0
54.0										17.1	63.2	134 600*	35.7	71.2	142 400*	54.0
56.0													28.8	67.7	136 600*	56.0
58.0													19.6	62.7	131 000*	58.0

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

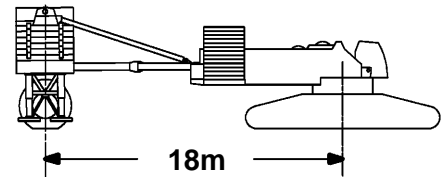


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	240 800*										30.0
32.0	54.1	89.4	179 900*	62.3	91.9	235 300*										32.0
34.0	50.3	87.7	169 000*	59.0	90.6	222 400*										34.0
36.0	46.3	85.8	158 800*	55.4	89.2	200 500*										36.0
38.0	42.0	83.6	149 200*	51.7	87.7	183 100*	60.1	89.9	219 400*							38.0
40.0	37.2	81.0	139 800*	47.8	85.8	168 100*	56.6	88.6	206 800*							40.0
42.0	31.8	77.8	130 000*	43.6	83.7	155 200*	53.0	87.1	188 800*							42.0
44.0	25.3	73.8	116 900*	39.1	81.3	143 800*	49.1	85.3	173 000*							44.0
46.0				33.9	78.4	133 700*	45.1	83.3	159 400*	54.0	85.9	173 300*				46.0
48.0				27.9	74.7	124 600*	40.6	81.0	147 600*	50.2	84.3	165 500*				48.0
50.0				20.2	69.8	111 100*	35.7	78.2	137 100*	46.2	82.3	158 200*				50.0
52.0							30.1	74.9	127 800*	41.9	80.1	151 000*	51.0	82.7	147 000*	52.0
54.0							23.1	70.5	119 300*	37.1	77.5	140 000*	47.0	80.8	140 900*	54.0
56.0							12.3	63.3	100 400*	31.7	74.3	130 400*	42.8	78.7	135 300*	56.0
58.0										25.2	70.3	121 800*	38.1	76.1	130 000*	58.0
60.0										16.1	64.3	111 400*	32.8	73.1	125 000*	60.0
62.0													26.6	69.2	120 300*	62.0
64.0													18.3	63.8	115 600*	64.0

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



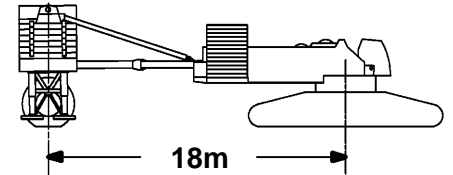


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	209 300*										32.0
34.0	56.5	95.5	158 800*	63.5	97.7	204 000*										34.0
36.0	53.4	94.0	150 100*	60.6	96.6	198 100*										36.0
38.0	50.1	92.3	141 800*	57.7	95.3	184 400*										38.0
40.0	46.7	90.4	133 900*	54.6	93.9	169 000*	61.6	95.8	200 300*							40.0
42.0	43.0	88.3	126 500*	51.4	92.2	155 900*	58.7	94.6	191 000*							42.0
44.0	39.0	85.8	119 700*	48.0	90.4	144 500*	55.6	93.2	173 800*							44.0
46.0	34.7	83.0	113 600*	44.4	88.4	134 500*	52.5	91.7	160 200*							46.0
48.0	29.7	79.6	107 300*	40.6	86.1	125 500*	49.1	89.9	148 200*	56.5	92.1	164 400*				48.0
50.0	23.8	75.3	96 500*	36.4	83.4	117 400*	45.6	87.9	137 800*	53.3	90.6	157 100*				50.0
52.0				31.6	80.2	110 100*	41.9	85.7	128 500*	50.1	88.9	150 300*				52.0
54.0				26.1	76.3	103 400*	37.8	83.2	120 100*	46.6	87.0	140 800*				54.0
56.0				19.1	71.0	92 800*	33.3	80.2	112 600*	42.9	84.8	131 000*	50.7	87.3	134 200*	56.0
58.0							28.1	76.5	105 800*	38.9	82.4	122 500*	47.3	85.4	129 000*	58.0
60.0							21.7	71.8	99 300*	34.6	79.5	114 800*	43.7	83.3	124 100*	60.0
62.0							12.0	64.4	84 900*	29.6	76.1	107 800*	39.8	80.9	119 500*	62.0
64.0										23.6	71.7	101 400*	35.5	78.2	115 100*	64.0
66.0										15.3	65.4	93 800*	30.6	74.9	109 400*	66.0
68.0													24.9	70.7	102 800*	68.0
70.0													17.3	65.0	96 800*	70.0

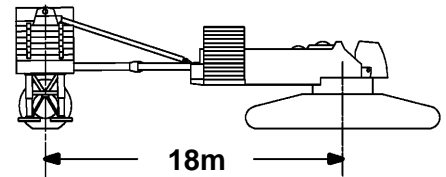


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	181 600*										34.0
36.0	58.3	101.5	140 500*	64.4	103.6	178 600*										36.0
38.0	55.7	100.1	133 600*	61.9	102.5	173 100*										38.0
40.0	52.9	98.6	126 900*	59.3	101.3	167 200*										40.0
42.0	50.0	96.9	120 400*	56.7	99.9	155 600*										42.0
44.0	47.0	95.1	114 200*	53.9	98.5	143 900*	60.2	100.5	169 800*							44.0
46.0	43.8	93.0	108 400*	51.1	96.8	133 800*	57.6	99.2	159 600*							46.0
48.0	40.4	90.6	103 000*	48.1	95.0	124 800*	54.9	97.8	147 500*							48.0
50.0	36.7	87.9	98 000*	45.0	93.0	116 800*	52.0	96.3	137 000*							50.0
52.0	32.6	84.9	93 600*	41.7	90.8	109 600*	49.1	94.5	127 800*	55.6	96.7	148 700*				52.0
54.0	28.0	81.2	89 000*	38.1	88.2	103 000*	46.0	92.6	119 500*	52.8	95.2	140 100*				54.0
56.0	22.5	76.6	80 000*	34.2	85.3	97 000*	42.8	90.4	112 000*	49.9	93.5	130 200*				56.0
58.0				29.8	81.9	91 500*	39.3	88.0	105 300*	46.9	91.6	121 700*				58.0
60.0				24.7	77.8	86 300*	35.5	85.2	99 100*	43.7	89.5	114 000*	50.5	91.9	122 400*	60.0
62.0				18.2	72.2	77 600*	31.3	82.0	93 500*	40.3	87.1	107 100*	47.5	90.0	117 800*	62.0
64.0				5.9	61.3	57 800*	26.5	78.1	88 300*	36.6	84.5	100 900*	44.3	88.0	113 500*	64.0
66.0							20.6	73.1	83 200*	32.5	81.4	95 100*	41.0	85.7	108 700*	66.0
68.0							11.8	65.4	71 900*	27.9	77.7	89 800*	37.3	83.1	102 100*	68.0
70.0										22.4	73.1	84 900*	33.4	80.1	96 300*	70.0
72.0										14.8	66.5	79 100*	28.9	76.6	90 900*	72.0
74.0													23.6	72.2	86 000*	74.0
76.0													16.6	66.2	81 300*	76.0

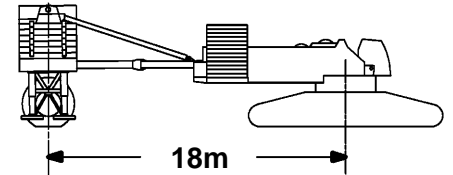


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 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	151 200*										40.0
42.0	55.0	104.8	113 800*	60.6	107.2	147 400*										42.0
44.0	52.5	103.2	108 500*	58.3	105.9	142 900*										44.0
46.0	49.9	101.5	103 400*	55.9	104.6	133 300*	61.4	106.4	148 400*							46.0
48.0	47.2	99.7	98 500*	53.4	103.1	124 400*	59.1	105.2	144 800*							48.0
50.0	44.3	97.6	93 800*	50.9	101.4	116 300*	56.7	103.9	136 900*							50.0
52.0	41.4	95.3	89 500*	48.2	99.7	109 100*	54.2	102.4	127 200*							52.0
54.0	38.2	92.8	85 400*	45.4	97.7	102 500*	51.7	100.9	118 900*							54.0
56.0	34.7	90.0	81 700*	42.5	95.5	96 600*	49.1	99.1	111 500*	54.9	101.3	129 700*				56.0
58.0	30.9	86.7	78 400*	39.4	93.1	91 100*	46.4	97.2	104 700*	52.4	99.8	121 100*				58.0
60.0	26.6	82.8	74 900*	36.0	90.3	86 100*	43.5	95.1	98 600*	49.8	98.1	113 400*				60.0
62.0	21.4	78.0	67 200*	32.4	87.2	81 400*	40.4	92.7	93 000*	47.1	96.2	106 500*				62.0
64.0	14.5	71.2	55 500*	28.3	83.6	77 200*	37.2	90.1	87 800*	44.3	94.2	100 300*	50.3	96.5	112 400*	64.0
66.0				23.5	79.2	72 900*	33.6	87.2	83 100*	41.3	91.9	94 500*	47.7	94.6	108 000*	66.0
68.0				17.4	73.4	65 600*	29.7	83.7	78 700*	38.1	89.3	89 300*	44.9	92.6	101 500*	68.0
70.0				6.7	62.7	49 600*	25.2	79.6	74 600*	34.6	86.5	84 500*	41.9	90.4	95 700*	70.0
72.0							19.7	74.4	70 500*	30.8	83.2	80 000*	38.7	87.9	90 300*	72.0
74.0							11.6	66.5	61 500*	26.5	79.3	75 800*	35.3	85.1	85 500*	74.0
76.0										21.3	74.4	71 900*	31.6	81.9	80 900*	76.0
78.0										14.3	67.6	67 300*	27.4	78.2	76 700*	78.0
80.0													22.4	73.6	72 800*	80.0

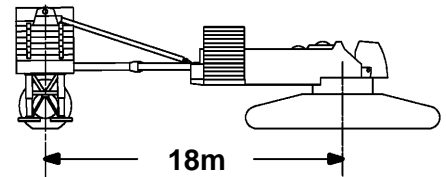


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 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	124 100*							50.0
52.0	47.4	104.3	85 600*	53.0	107.7	108 100*	58.1	109.9	120 600*							52.0
54.0	44.8	102.3	81 900*	50.7	106.0	101 500*	56.0	108.5	116 700*							54.0
56.0	42.2	100.1	78 400*	48.3	104.2	95 600*	53.8	107.1	110 700*							56.0
58.0	39.3	97.6	75 000*	45.8	102.3	90 100*	51.5	105.5	103 700*	56.6	107.4	116 600*				58.0
60.0	36.3	94.9	71 900*	43.2	100.2	85 100*	49.1	103.7	97 500*	54.4	105.9	112 700*				60.0
62.0	33.1	91.9	69 100*	40.4	97.8	80 500*	46.6	101.8	91 900*	52.1	104.4	105 500*				62.0
64.0	29.5	88.4	66 600*	37.5	95.2	76 200*	44.0	99.7	86 800*	49.7	102.7	99 200*				64.0
66.0	25.4	84.3	63 200*	34.3	92.3	72 300*	41.3	97.5	82 100*	47.3	100.8	93 500*				66.0
68.0	20.6	79.3	56 300*	30.9	89.0	68 600*	38.5	95.0	77 700*	44.8	98.8	88 200*	50.2	101.1	100 400*	68.0
70.0	14.1	72.3	46 500*	27.0	85.2	65 100*	35.4	92.2	73 700*	42.1	96.6	83 400*	47.8	99.2	94 500*	70.0
72.0				22.5	80.6	61 600*	32.1	89.0	69 900*	39.3	94.1	78 900*	45.3	97.3	89 200*	72.0
74.0				16.8	74.6	55 300*	28.4	85.4	66 400*	36.3	91.4	74 800*	42.6	95.1	84 300*	74.0
76.0				7.2	64.0	42 000*	24.1	81.1	63 000*	33.0	88.4	71 000*	39.8	92.7	79 800*	76.0
78.0							18.9	75.7	59 500*	29.4	84.9	67 400*	36.9	90.1	75 700*	78.0
80.0							11.4	67.6	52 300*	25.3	80.8	64 100*	33.7	87.1	71 800*	80.0
84.0										13.9	68.7	57 000*	26.2	79.7	64 800*	84.0
88.0													15.5	68.5	58 300*	88.0

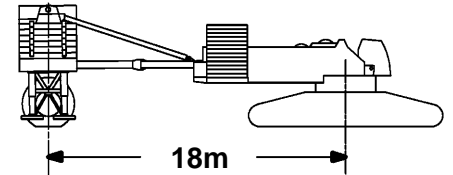


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	108 200*							52.0
54.0	49.7	110.7	78 100*	54.7	113.8	97 200*	59.3	115.8	105 800*							54.0
56.0	47.5	108.9	74 900*	52.7	112.3	93 600*	57.4	114.6	102 300*							56.0
58.0	45.2	106.9	71 900*	50.5	110.6	89 000*	55.4	113.2	99 000*							58.0
60.0	42.8	104.7	69 000*	48.3	108.8	84 000*	53.3	111.7	95 500*							60.0
62.0	40.3	102.4	66 300*	46.1	106.9	79 400*	51.2	110.1	91 000*	55.9	112.0	98 800*				62.0
64.0	37.6	99.8	63 700*	43.7	104.8	75 200*	49.1	108.3	85 700*	53.9	110.5	95 800*				64.0
66.0	34.7	96.9	61 300*	41.2	102.6	71 300*	46.8	106.4	81 000*	51.8	109.0	92 300*				66.0
68.0	31.7	93.7	59 200*	38.6	100.1	67 600*	44.5	104.4	76 600*	49.7	107.3	87 100*				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	82 200*				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	77 800*	50.1	105.7	88 200*	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	73 700*	47.9	103.8	83 200*	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	69 900*	45.6	101.9	78 700*	76.0
78.0				21.7	82.0	52 000*	30.7	90.8	59 000*	37.5	96.3	66 400*	43.2	99.8	74 600*	78.0
80.0				16.3	75.7	46 800*	27.2	87.0	56 200*	34.7	93.4	63 100*	40.7	97.4	70 700*	80.0
84.0							18.3	76.9	50 400*	28.2	86.6	57 100*	35.3	92.1	63 800*	84.0
88.0										19.7	77.1	51 600*	28.9	85.4	57 700*	88.0
92.0													20.7	76.3	52 300*	92.0
96.0													3.0	55.0	44 500*	96.0

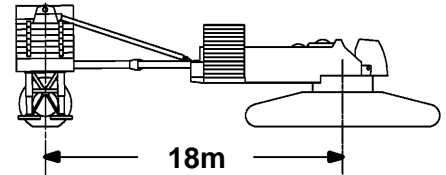


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	85 000*				64.0
66.0	41.0	107.1	58 600*	46.3	111.5	68 200*	51.1	114.7	76 000*	55.4	116.7	82 300*				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	79 400*				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	76 600*				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	73 600*				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	70 700*	52.0	111.9	75 900*	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	67 800*	50.0	110.3	73 400*	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	65 000*	48.0	108.5	70 800*	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	61 800*	45.9	106.5	68 100*	80.0
84.0				20.9	83.3	43 800*	29.5	92.6	49 800*	36.0	98.4	55 800*	41.5	102.2	62 500*	84.0
88.0				7.8	66.4	29 600*	22.4	83.9	44 900*	30.4	92.0	50 500*	36.6	97.0	56 400*	88.0
92.0							11.2	69.7	37 500*	23.5	83.8	45 800*	31.0	90.8	51 100*	92.0
96.0										13.3	70.9	40 700*	24.2	82.8	46 300*	96.0
100.0													14.7	70.7	41 500*	100.0

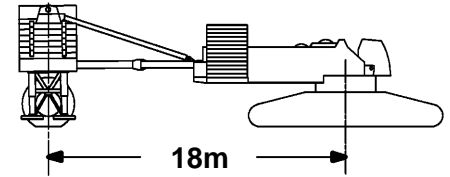


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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	60 200*	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	57 900*	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	53 200*	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	48 700*	88.0
92.0				15.5	78.0	30 500*	25.3	90.2	35 000*	32.1	97.3	39 600*	37.6	101.9	44 300*	92.0
96.0							17.3	79.3	31 500*	26.2	89.8	35 700*	32.6	96.0	40 200*	96.0
100.0										18.6	79.6	32 300*	26.9	88.7	36 300*	100.0
104.0													19.5	78.8	32 800*	104.0
108.0													5.2	58.9	29 900*	108.0

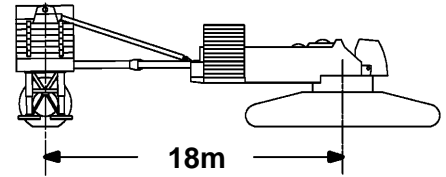


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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



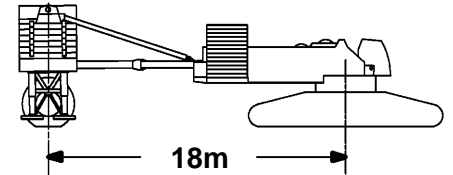


# Liftcrane Luffing Jib Capacities

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  
390 090 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

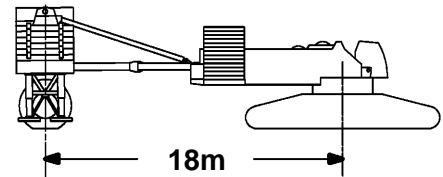


# Liftcrane Luffing Jib Capacities

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  
 390 090 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.3	90.3	281 900*c																15.2
16.0	71.6	90.0	276 600*c																16.0
18.0	67.1	89.2	262 000*b																18.0
20.0	62.3	88.1	246 100*b	67.4	89.0	274 900*b													20.0
22.0	57.4	86.8	230 200*	62.6	87.9	259 700*b													22.0
24.0	52.0	85.2	214 700*	57.7	86.7	243 700*													24.0
26.0	46.2	83.2	200 500*	52.4	85.1	227 800*	65.7	87.8	295 300*b										26.0
28.0	39.7	80.9	188 100*	46.6	83.2	212 900*	60.9	86.7	282 300*b										28.0
30.0	32.0	77.8	173 500*	40.2	80.8	199 500*	55.8	85.3	267 500*										30.0
32.0	21.7	73.2	139 800*	32.6	77.8	184 100*	50.4	83.6	251 800*										32.0
34.0				22.5	73.4	145 800*	44.4	81.6	226 900*	58.8	84.9	246 100*b							34.0
36.0							37.6	79.0	204 500*	53.6	83.4	231 600*							36.0
38.0							29.3	75.6	181 500*	48.0	81.6	218 700*							38.0
40.0										41.7	79.4	207 000*	56.4	82.5	200 700*				40.0
42.0										34.5	76.5	195 300*	51.0	80.9	190 400*				42.0
44.0										25.2	72.5	175 900*	45.1	78.9	181 100*				44.0
46.0													38.5	76.4	172 500*				46.0
48.0													30.4	73.1	164 500*	47.8	77.7	159 600*	48.0
50.0													19.1	68.1	157 000*	41.5	75.4	152 400*	50.0
52.0																34.2	72.6	145 900*	52.0
54.0																24.8	68.5	139 700*	54.0

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

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

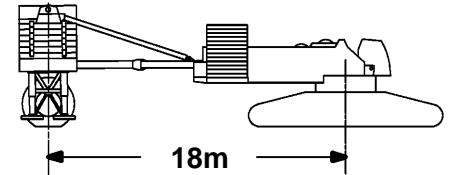


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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*b																16.8
18.0	71.5	95.8	233 400*b																18.0
20.0	67.8	94.9	221 900*b	71.7	95.6	244 300*b													20.0
22.0	64.0	93.9	209 600*b	68.0	94.8	233 900*b													22.0
24.0	60.0	92.7	197 100*	64.2	93.8	222 200*													24.0
26.0	55.9	91.4	184 900*	60.3	92.6	209 800*													26.0
28.0	51.5	89.8	173 200*	56.1	91.3	197 400*	66.7	93.7	253 400*b										28.0
30.0	46.8	87.9	162 400*	51.8	89.7	185 200*	62.8	92.6	244 200*										30.0
32.0	41.6	85.6	152 700*	47.1	87.8	173 700*	58.8	91.4	233 100*										32.0
34.0	35.9	82.9	144 500*	42.0	85.6	163 200*	54.6	89.9	221 200*										34.0
36.0	29.0	79.4	138 000*	36.2	82.9	154 000*	50.1	88.2	208 100*										36.0
38.0	19.9	74.5	119 400*	29.5	79.5	146 400*	45.3	86.2	190 800*	57.1	89.5	217 900*							38.0
40.0				20.6	74.7	125 100*	40.0	83.9	174 500*	52.8	88.0	206 300*							40.0
42.0							33.9	81.0	160 500*	48.2	86.2	195 800*							42.0
44.0							26.6	77.2	148 300*	43.2	84.1	183 800*	55.1	87.1	180 200*				44.0
46.0										37.6	81.5	168 800*	50.6	85.5	171 700*				46.0
48.0										31.2	78.3	155 600*	45.9	83.5	163 900*				48.0
50.0										22.9	73.9	143 900*	40.6	81.2	156 700*				50.0
52.0													34.7	78.4	150 000*	48.0	82.3	145 100*	52.0
54.0													27.6	74.7	143 700*	43.0	80.2	139 100*	54.0
56.0													17.6	69.2	137 700*	37.5	77.6	133 500*	56.0
58.0																30.9	74.3	128 200*	58.0
60.0																22.6	69.9	123 200*	60.0

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

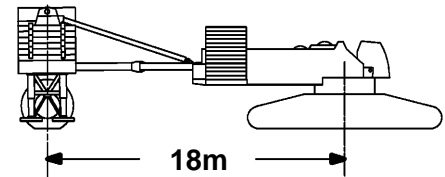


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	211 800*										32.0
34.0	47.1	92.5	134 000*	51.3	94.3	153 000*	60.8	97.3	203 700*										34.0
36.0	42.9	90.3	126 500*	47.4	92.4	144 200*	57.3	96.0	194 700*										36.0
38.0	38.2	87.8	119 800*	43.2	90.3	135 900*	53.7	94.5	185 200*										38.0
40.0	33.0	84.8	114 100*	38.5	87.8	128 500*	49.9	92.8	175 100*	59.4	95.5	204 800*							40.0
42.0	26.8	81.0	109 800*	33.3	84.8	122 100*	45.9	90.9	161 900*	55.9	94.2	194 300*							42.0
44.0	18.5	75.7	98 500*	27.2	81.1	116 800*	41.5	88.6	149 600*	52.2	92.6	184 500*							44.0
46.0				19.2	75.9	104 300*	36.7	86.0	138 900*	48.3	90.8	170 000*							46.0
48.0							31.3	82.8	129 300*	44.2	88.7	156 800*	54.2	91.7	162 300*				48.0
50.0							24.6	78.6	120 600*	39.6	86.3	145 200*	50.4	90.1	155 200*				50.0
52.0										34.6	83.5	135 000*	46.4	88.2	148 500*				52.0
54.0										28.7	80.0	126 000*	42.1	85.9	142 400*				54.0
56.0										21.3	75.2	117 600*	37.3	83.3	136 700*	48.2	86.9	132 000*	56.0
58.0													32.0	80.2	130 900*	44.0	84.8	126 800*	58.0
60.0													25.5	76.2	122 100*	39.5	82.4	121 900*	60.0
62.0													16.6	70.4	113 700*	34.4	79.5	117 400*	62.0
64.0																28.5	76.0	113 000*	64.0
66.0																21.0	71.2	108 900*	66.0

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

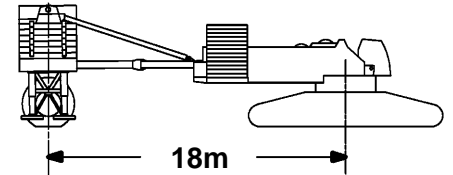


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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* <b>b</b>																19.8
20.0	74.0	108.0	176 500* <b>b</b>																20.0
22.0	71.3	107.3	170 700* <b>b</b>																22.0
24.0	68.6	106.5	163 600*																24.0
26.0	65.9	105.6	156 200*	68.8	106.3	173 300*													26.0
28.0	63.0	104.5	148 500*	66.0	105.4	166 300*													28.0
30.0	60.1	103.4	140 800*	63.2	104.4	159 000*													30.0
32.0	57.1	102.1	133 300*	60.3	103.3	151 300*	67.8	105.2	189 500*										32.0
34.0	54.0	100.6	126 100*	57.3	102.0	143 600*	65.0	104.3	184 800*										34.0
36.0	50.8	98.9	119 200*	54.2	100.5	136 000*	62.2	103.2	178 900*										36.0
38.0	47.4	97.1	112 800*	51.0	98.9	128 700*	59.3	102.0	172 200*										38.0
40.0	43.8	95.0	106 800*	47.6	97.0	121 800*	56.2	100.6	164 900*										40.0
42.0	39.9	92.6	101 400*	44.0	95.0	115 300*	53.1	99.1	157 400*	61.0	101.5	186 300*							42.0
44.0	35.6	89.9	96 700*	40.1	92.6	109 400*	49.8	97.4	149 700*	58.0	100.2	183 300*							44.0
46.0	30.8	86.6	92 700*	35.9	89.9	104 000*	46.3	95.5	139 700*	55.0	98.8	170 900*							46.0
48.0	25.1	82.5	89 600*	31.1	86.6	99 400*	42.6	93.3	130 100*	51.8	97.2	157 500*							48.0
50.0	17.6	76.8	81 900*	25.5	82.6	95 700*	38.6	90.8	121 500*	48.4	95.4	145 900*							50.0
52.0				18.1	77.1	86 900*	34.2	87.9	113 900*	44.8	93.4	135 700*	53.5	96.3	147 500*				52.0
54.0							29.2	84.5	106 900*	41.0	91.1	126 600*	50.2	94.7	141 400*				54.0
56.0							23.1	80.0	99 900*	36.9	88.5	118 500*	46.7	92.8	135 700*				56.0
58.0										32.2	85.3	111 100*	43.1	90.6	130 400*	51.7	93.3	125 700*	58.0
60.0										26.9	81.5	104 400*	39.1	88.2	122 900*	48.3	91.5	120 900*	60.0
62.0										20.1	76.5	98 100*	34.8	85.3	115 100*	44.7	89.5	116 400*	62.0
64.0										8.3	67.4	82 000*	29.8	81.9	108 100*	40.9	87.2	112 100*	64.0
66.0													23.9	77.7	101 600*	36.8	84.5	108 200*	66.0
68.0													15.8	71.5	95 200*	32.1	81.4	104 400*	68.0
70.0																26.7	77.6	100 800*	70.0
72.0																19.8	72.5	97 300*	72.0

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

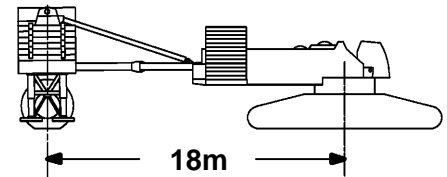


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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>b</b>																21.3
22.0	73.6	113.7	152 400* <b>b</b>																22.0
24.0	71.3	113.1	147 300*																24.0
26.0	68.9	112.3	141 800*	71.4	112.9	155 300*													26.0
28.0	66.5	111.4	135 900*	69.0	112.1	150 400*													28.0
30.0	64.0	110.4	129 900*	66.6	111.2	145 000*													30.0
32.0	61.5	109.3	123 800*	64.2	110.2	139 200*													32.0
34.0	58.9	108.1	117 800*	61.6	109.2	133 200*													34.0
36.0	56.2	106.7	111 900*	59.0	107.9	127 100*	65.7	110.1	161 300*										36.0
38.0	53.5	105.2	106 200*	56.4	106.6	121 000*	63.2	109.1	157 100*										38.0
40.0	50.6	103.6	100 800*	53.6	105.1	115 100*	60.7	107.9	152 100*										40.0
42.0	47.6	101.7	95 800*	50.8	103.5	109 400*	58.1	106.7	146 600*										42.0
44.0	44.4	99.7	91 100*	47.8	101.6	103 800*	55.4	105.3	140 800*										44.0
46.0	41.1	97.4	86 700*	44.6	99.6	98 700*	52.6	103.7	134 800*	59.6	106.2	159 800*							46.0
48.0	37.4	94.8	82 800*	41.3	97.3	93 900*	49.7	102.0	128 700*	57.0	104.8	156 200*							48.0
50.0	33.5	91.8	79 300*	37.7	94.8	89 500*	46.7	100.1	121 300*	54.3	103.4	145 700*							50.0
52.0	29.0	88.3	76 500*	33.7	91.8	85 600*	43.4	98.0	113 500*	51.4	101.8	135 200*							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	126 100*	55.7	102.5	139 700*				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	118 000*	52.9	100.9	134 000*				56.0
58.0				17.3	78.3	72 600*	32.2	89.8	94 500*	42.1	95.8	110 700*	50.1	99.3	128 800*				58.0
60.0							27.5	86.1	89 200*	38.5	93.3	104 100*	47.0	97.4	122 500*				60.0
62.0							21.9	81.4	83 500*	34.7	90.5	98 000*	43.8	95.3	114 500*	51.3	97.9	114 700*	62.0
64.0							14.0	74.6	73 000*	30.4	87.1	92 500*	40.4	93.0	107 600*	48.4	96.1	110 500*	64.0
66.0										25.4	83.1	87 300*	36.8	90.3	101 300*	45.3	94.1	106 500*	66.0
68.0										19.1	77.7	82 200*	32.7	87.2	95 500*	42.0	91.9	102 800*	68.0
70.0										8.6	68.5	69 800*	28.1	83.6	90 100*	38.4	89.4	99 300*	70.0
72.0													22.6	79.1	85 200*	34.6	86.5	96 000*	72.0
74.0													15.2	72.6	80 100*	30.2	83.2	92 400*	74.0
76.0																25.2	79.1	87 500*	76.0
78.0																18.9	73.7	82 700*	78.0

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

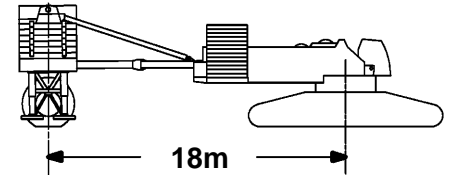


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	137 000*							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	137 000*							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	134 200*							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	125 900*							54.0
56.0	31.7	93.7	66 500*	35.7	96.8	74 800*	44.1	102.7	99 900*	51.2	106.4	117 600*							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	110 200*	55.0	107.1	127 600*				58.0
60.0	22.6	85.3	62 800*	27.8	90.0	69 300*	37.8	97.8	88 900*	45.8	102.7	103 600*	52.5	105.6	122 100*				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	97 500*	49.9	103.9	114 000*				62.0
64.0				16.6	79.4	61 300*	30.5	91.6	79 500*	39.8	98.1	92 100*	47.2	102.0	107 000*				64.0
66.0							26.1	87.7	75 400*	36.5	95.4	87 000*	44.4	100.0	100 700*	51.1	102.5	105 300*	66.0
68.0							20.9	82.7	70 600*	32.8	92.4	82 300*	41.4	97.7	95 000*	48.5	100.7	101 700*	68.0
70.0							13.6	75.6	62 000*	28.8	88.8	78 000*	38.2	95.2	89 700*	45.7	98.7	98 200*	70.0
72.0										24.1	84.5	73 900*	34.8	92.3	84 800*	42.8	96.6	94 900*	72.0
74.0										18.3	79.0	69 700*	31.0	89.1	80 300*	39.7	94.2	91 600*	74.0
76.0										8.8	69.6	59 900*	26.7	85.2	76 100*	36.4	91.5	87 000*	76.0
78.0													21.6	80.4	72 200*	32.7	88.4	82 300*	78.0
80.0													14.7	73.7	68 000*	28.7	84.8	78 100*	80.0
84.0																18.1	74.9	70 200*	84.0

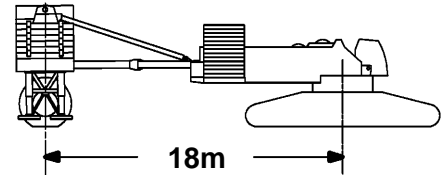


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	117 700*							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	116 900*							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	114 100*							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	109 000*							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	102 300*	56.7	113.2	111 100*				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	96 300*	54.5	111.7	110 800*				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	90 800*	52.2	110.2	105 800*				64.0
66.0	21.7	86.7	53 400*	26.6	91.6	58 900*	36.0	99.9	74 300*	43.5	105.2	85 800*	49.8	108.5	99 400*				66.0
68.0	15.6	80.3	49 200*	22.0	86.8	57 400*	32.7	96.8	70 500*	40.7	102.9	81 100*	47.4	106.6	93 700*				68.0
70.0				16.1	80.6	51 500*	29.1	93.3	66 900*	37.8	100.3	76 800*	44.9	104.6	88 400*	50.9	107.1	96 500*	70.0
72.0							25.0	89.2	63 600*	34.7	97.4	72 800*	42.2	102.4	83 600*	48.5	105.3	93 200*	72.0
74.0							20.0	84.0	59 500*	31.3	94.2	69 100*	39.4	100.0	79 100*	46.0	103.4	90 000*	74.0
76.0							13.3	76.7	52 300*	27.5	90.5	65 700*	36.4	97.3	75 000*	43.4	101.3	85 800*	76.0
78.0										23.1	86.0	62 400*	33.1	94.2	71 100*	40.7	98.9	81 100*	78.0
80.0										17.6	80.2	58 900*	29.6	90.8	67 600*	37.7	96.4	76 900*	80.0
84.0													20.7	81.7	61 000*	31.2	90.2	69 200*	84.0
88.0																23.0	82.0	62 500*	88.0



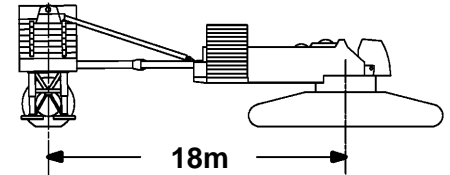


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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	100 500*							54.0
56.0	45.7	113.6	59 700*	48.1	115.5	68 200*	53.8	119.1	91 800*	58.9	121.5	100 500*							56.0
58.0	43.3	111.4	57 400*	45.8	113.5	65 400*	51.7	117.5	88 700*	57.0	120.2	99 800*							58.0
60.0	40.8	109.1	55 200*	43.4	111.4	62 800*	49.5	115.8	85 600*	55.0	118.7	96 700*							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	93 500*							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	89 700*	56.0	117.8	94 800*				64.0
66.0	32.3	100.7	49 600*	35.5	103.8	55 800*	42.6	109.8	73 300*	48.6	113.8	84 700*	54.0	116.3	94 200*				66.0
68.0	29.0	97.1	48 100*	32.5	100.7	53 900*	40.0	107.4	69 500*	46.4	111.9	80 100*	51.9	114.8	91 600*				68.0
70.0	25.2	93.0	46 900*	29.2	97.2	52 100*	37.3	104.8	65 900*	44.0	109.8	75 800*	49.8	113.1	87 300*				70.0
72.0	20.9	88.0	45 900*	25.5	93.1	50 600*	34.5	101.9	62 700*	41.5	107.6	71 800*	47.6	111.2	82 500*				72.0
74.0	15.2	81.4	41 300*	21.2	88.2	49 000*	31.3	98.7	59 500*	38.9	105.1	68 100*	45.3	109.2	78 000*	50.7	111.7	88 500*	74.0
76.0				15.6	81.7	43 300*	27.9	95.0	56 600*	36.2	102.4	64 700*	42.8	107.1	73 900*	48.5	109.9	84 600*	76.0
78.0							24.0	90.6	53 800*	33.2	99.4	61 500*	40.3	104.7	70 100*	46.3	108.0	79 900*	78.0
80.0							19.3	85.3	50 500*	30.0	96.0	58 400*	37.7	102.2	66 500*	43.9	105.9	75 700*	80.0
84.0										22.2	87.3	52 900*	31.7	96.1	60 100*	38.9	101.2	68 100*	84.0
88.0										9.1	71.9	43 400*	24.5	88.2	54 400*	33.1	95.4	61 500*	88.0
92.0													13.9	75.9	48 900*	26.3	88.1	55 700*	92.0
96.0																16.9	77.3	50 500*	96.0

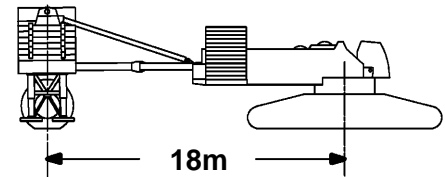


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	80 100*				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	78 200*				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	75 500*				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	72 900*				72.0
74.0	27.9	98.8	41 400*	31.2	102.5	46 400*	38.4	109.6	56 000*	44.4	114.5	63 400*	49.7	117.7	70 200*				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	67 600*				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	64 900*	50.6	116.3	70 500*	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	62 300*	48.6	114.5	68 100*	80.0
84.0							23.2	92.1	44 700*	31.9	101.2	50 900*	38.7	107.0	57 200*	44.4	110.6	63 200*	84.0
88.0							12.8	78.9	37 000*	25.4	93.6	46 400*	33.4	101.2	52 400*	39.8	106.0	58 300*	88.0
92.0										16.6	82.5	42 000*	27.3	94.1	47 900*	34.7	100.5	53 600*	92.0
96.0													19.3	84.3	43 600*	28.8	93.7	49 100*	96.0
100.0																21.3	84.7	44 700*	100.0

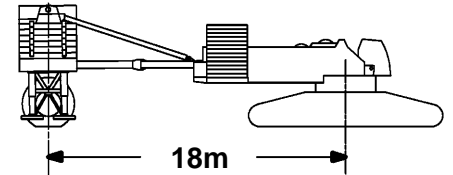


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	67 200*				70.0
72.0	37.7	113.6	40 200*	40.1	116.1	45 000*	45.6	121.2	52 000*	50.5	124.8	58 900*	55.0	127.1	64 900*				72.0
74.0	35.3	110.8	38 900*	37.8	113.6	42 900*	43.6	119.1	49 600*	48.7	123.0	56 400*	53.3	125.6	62 500*				74.0
76.0	32.7	107.7	37 800*	35.4	110.8	40 800*	41.5	116.9	47 300*	46.8	121.1	53 900*	51.5	124.0	60 100*				76.0
78.0	30.0	104.3	36 500*	32.9	107.7	38 800*	39.3	114.4	45 000*	44.8	119.1	51 500*	49.7	122.3	57 600*				78.0
80.0	26.9	100.4	34 600*	30.1	104.3	36 800*	37.0	111.8	42 800*	42.7	116.9	49 100*	47.8	120.4	55 200*	52.3	122.5	60 100*	80.0
84.0	19.6	90.6	31 200*	23.8	96.1	33 200*	31.9	105.7	38 700*	38.4	112.1	44 600*	43.8	116.4	50 500*	48.6	119.1	55 700*	84.0
88.0				14.9	84.0	29 100*	26.0	98.2	34 900*	33.5	106.4	40 300*	39.5	111.7	46 000*	44.7	115.2	51 300*	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	46 900*	92.0
96.0										20.8	90.1	32 800*	29.4	99.7	37 700*	35.9	105.4	42 700*	96.0
100.0										9.3	74.1	29 100*	22.9	91.1	34 000*	30.7	99.1	38 700*	100.0
104.0													13.4	78.1	30 700*	24.5	91.1	35 000*	104.0
108.0																16.0	79.6	31 700*	108.0

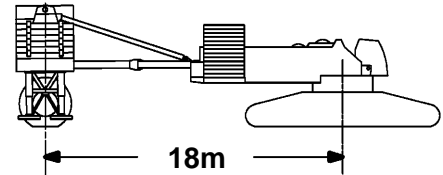


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	48 000*	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	43 900*	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	39 800*	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	35 800*	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	31 900*	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

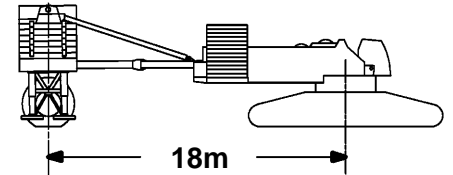


# Liftcrane Luffing Jib Capacities

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  
 390 090 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

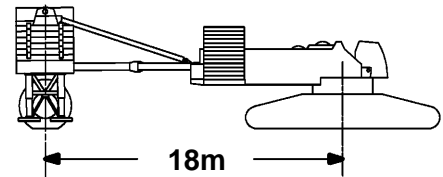


# Liftcrane Luffing Jib Capacities

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  
 390 090 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.0	96.5	247 400*c																15.2
16.0	72.4	96.2	243 400*c																16.0
18.0	67.8	95.4	232 200*b																18.0
20.0	63.1	94.3	219 600*b	68.6	95.3	243 500*b													20.0
22.0	58.2	93.1	206 700*b	63.9	94.3	231 700*b													22.0
24.0	52.9	91.5	194 200*	59.0	93.1	219 000*													24.0
26.0	47.2	89.7	182 400*	53.8	91.6	206 200*													26.0
28.0	40.8	87.4	171 800*	48.2	89.8	193 900*	63.4	93.3	252 000*b										28.0
30.0	33.4	84.4	163 300*	42.0	87.6	182 600*	58.5	92.1	241 000*										30.0
32.0	23.7	80.2	142 400*	34.7	84.8	172 800*	53.3	90.6	228 800*										32.0
34.0				25.6	80.8	154 400*	47.6	88.7	216 200*										34.0
36.0							41.3	86.5	204 100*	57.8	90.5	228 500*							36.0
38.0							34.0	83.6	193 100*	52.5	88.9	215 700*							38.0
40.0							24.5	79.5	159 800*	46.7	87.1	204 200*							40.0
42.0										40.3	84.7	193 700*							42.0
44.0										32.7	81.7	184 100*	51.3	86.7	177 600*				44.0
46.0										22.7	77.3	165 600*	45.4	84.7	169 200*				46.0
48.0													38.8	82.2	161 500*				48.0
50.0													30.8	79.0	154 200*	49.5	83.8	148 800*	50.0
52.0																43.4	81.7	142 400*	52.0
54.0																36.5	79.0	136 400*	54.0
56.0																27.9	75.4	130 800*	56.0

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

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

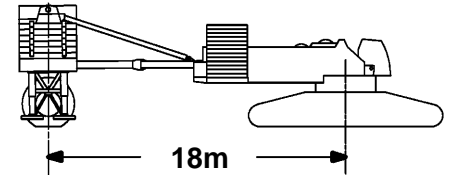


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	218 600*										30.0
32.0	42.5	92.1	140 400*	48.4	94.4	159 200*	60.9	98.1	210 300*										32.0
34.0	36.8	89.5	133 200*	43.4	92.3	150 200*	56.8	96.7	200 900*										34.0
36.0	30.2	86.1	127 600*	37.8	89.7	142 200*	52.5	95.2	191 000*										36.0
38.0	21.6	81.5	120 000*	31.4	86.6	135 600*	47.9	93.3	181 000*										38.0
40.0				23.3	82.2	128 200*	42.9	91.2	171 200*	56.2	95.1	203 400*							40.0
42.0							37.3	88.6	162 100*	51.8	93.5	193 000*							42.0
44.0							30.7	85.3	153 900*	47.2	91.7	183 500*							44.0
46.0							22.3	80.8	137 100*	42.1	89.5	174 900*	55.3	92.9	168 300*				46.0
48.0										36.4	86.8	165 700*	50.8	91.3	160 700*				48.0
50.0										29.6	83.4	153 100*	46.1	89.3	153 600*				50.0
52.0										20.8	78.6	140 300*	40.9	87.1	147 000*				52.0
54.0													35.0	84.2	140 900*	49.4	88.4	135 600*	54.0
56.0													27.9	80.6	135 200*	44.5	86.3	130 100*	56.0
58.0																39.1	83.9	125 000*	58.0
60.0																32.9	80.9	120 200*	60.0
62.0																25.3	76.9	115 600*	62.0
64.0																13.6	70.3	111 200*	64.0

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

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

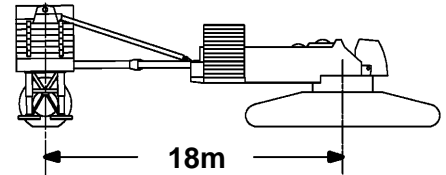


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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>b</b>																18.3
20.0	71.9	107.7	177 300* <b>b</b>																20.0
22.0	68.8	106.9	170 000* <b>b</b>																22.0
24.0	65.6	106.0	162 100*	69.3	106.9	179 500* <b>b</b>													24.0
26.0	62.3	104.9	154 000*	66.1	106.0	172 300*													26.0
28.0	58.9	103.7	145 900*	62.9	104.9	164 500*													28.0
30.0	55.4	102.3	137 900*	59.5	103.7	156 400*													30.0
32.0	51.7	100.7	130 300*	56.0	102.4	148 300*	65.8	105.0	190 100*										32.0
34.0	47.8	98.9	123 300*	52.3	100.8	140 300*	62.5	103.9	184 000*										34.0
36.0	43.6	96.8	116 700*	48.5	99.0	132 700*	59.2	102.7	176 900*										36.0
38.0	39.0	94.3	110 900*	44.3	97.0	125 600*	55.6	101.3	169 200*										38.0
40.0	33.9	91.4	105 900*	39.8	94.6	119 100*	52.0	99.8	161 200*	62.0	102.4	192 000*							40.0
42.0	27.9	87.8	102 000*	34.8	91.7	113 400*	48.1	97.9	153 200*	58.6	101.2	189 900*							42.0
44.0	20.1	82.8	100 000*	29.0	88.2	108 800*	43.9	95.9	145 400*	55.1	99.7	182 200*							44.0
46.0				21.6	83.6	104 500*	39.3	93.4	138 000*	51.4	98.1	173 400*							46.0
48.0							34.3	90.6	131 100*	47.5	96.3	165 400*							48.0
50.0							28.3	87.0	125 000*	43.2	94.2	155 000*	54.3	97.5	152 000*				50.0
52.0							20.7	82.1	112 900*	38.6	91.7	143 300*	50.5	95.9	145 400*				52.0
54.0										33.4	88.7	133 300*	46.6	94.0	139 400*				54.0
56.0										27.3	85.0	124 400*	42.3	91.8	133 800*				56.0
58.0										19.3	79.8	115 300*	37.5	89.2	128 500*	49.3	93.0	123 300*	58.0
60.0													32.2	86.1	123 600*	45.3	91.0	118 600*	60.0
62.0													25.8	82.1	119 000*	40.8	88.7	114 200*	62.0
64.0													17.1	76.4	114 500*	36.0	85.9	110 100*	64.0
66.0																30.4	82.6	106 100*	66.0
68.0																23.5	78.3	102 300*	68.0
70.0																13.0	71.4	98 600*	70.0

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



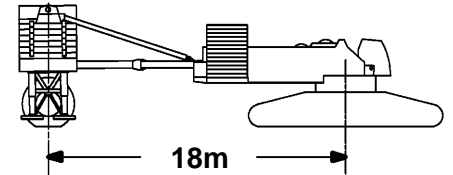


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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* <b>b</b>																19.8
20.0	74.4	114.2	158 500* <b>b</b>																20.0
22.0	71.7	113.5	153 200* <b>b</b>																22.0
24.0	69.1	112.7	147 300*																24.0
26.0	66.3	111.8	141 100*	69.5	112.7	156 000*													26.0
28.0	63.5	110.8	134 600*	66.8	111.8	150 200*													28.0
30.0	60.6	109.7	128 100*	64.0	110.8	144 100*													30.0
32.0	57.6	108.4	121 600*	61.1	109.7	137 600*													32.0
34.0	54.5	106.9	115 400*	58.1	108.4	131 100*	66.5	110.8	166 400*										34.0
36.0	51.3	105.3	109 400*	55.1	107.0	124 600*	63.7	109.8	161 900*										36.0
38.0	47.9	103.5	103 800*	51.9	105.4	118 300*	60.8	108.7	156 500*										38.0
40.0	44.4	101.4	98 600*	48.5	103.6	112 300*	57.8	107.4	150 500*										40.0
42.0	40.5	99.1	93 900*	45.0	101.6	106 700*	54.8	106.0	144 400*										42.0
44.0	36.3	96.4	89 700*	41.2	99.3	101 500*	51.6	104.3	137 900*	60.4	107.1	166 300*							44.0
46.0	31.6	93.2	86 200*	37.0	96.7	96 600*	48.2	102.6	131 400*	57.4	105.8	165 600*							46.0
48.0	26.1	89.3	83 500*	32.4	93.6	92 500*	44.6	100.5	125 100*	54.3	104.3	160 900*							48.0
50.0	19.0	84.0	82 200*	27.1	89.8	89 200*	40.8	98.2	119 100*	51.1	102.7	154 600*							50.0
52.0				20.4	84.9	86 600*	36.6	95.6	113 300*	47.7	100.9	143 900*	56.7	103.6	144 300*				52.0
54.0							31.9	92.4	108 200*	44.1	98.8	133 900*	53.6	102.2	138 300*				54.0
56.0							26.5	88.5	103 600*	40.2	96.5	125 100*	50.3	100.5	132 700*				56.0
58.0							19.6	83.4	93 800*	36.0	93.7	117 100*	46.9	98.6	127 600*				58.0
60.0										31.2	90.5	109 800*	43.2	96.5	122 700*				60.0
62.0										25.6	86.5	103 300*	39.3	94.0	118 100*	49.3	97.6	113 100*	62.0
64.0										18.3	81.0	95 900*	35.0	91.2	113 800*	45.8	95.6	109 000*	64.0
66.0													30.0	87.8	108 700*	42.0	93.4	105 100*	66.0
68.0													24.2	83.6	102 100*	38.0	90.9	101 500*	68.0
70.0													16.2	77.6	96 100*	33.5	87.9	98 000*	70.0
72.0																28.4	84.3	94 700*	72.0
74.0																22.0	79.7	91 500*	74.0
76.0																12.6	72.4	88 400*	76.0

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

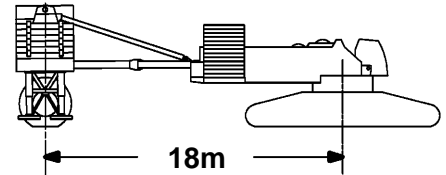


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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* <sup>b</sup>																21.3
22.0	74.0	119.9	137 100* <sup>b</sup>																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	143 600*							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	143 600*							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	143 000*							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	139 400*							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	133 800*							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	124 300*	55.8	108.3	131 000*				56.0
58.0				19.3	86.1	72 600*	34.4	97.5	94 500*	44.7	103.5	116 400*	53.1	106.7	125 900*				58.0
60.0							30.1	94.2	90 500*	41.3	101.2	109 200*	50.2	105.1	121 000*				60.0
62.0							25.0	90.0	86 600*	37.7	98.6	102 700*	47.2	103.2	116 500*				62.0
64.0							18.6	84.6	78 400*	33.8	95.7	96 800*	44.0	101.1	112 300*	52.2	103.9	107 200*	64.0
66.0										29.4	92.2	91 300*	40.6	98.8	107 900*	49.3	102.2	103 400*	66.0
68.0										24.2	88.0	86 300*	36.9	96.2	101 500*	46.2	100.2	99 800*	68.0
70.0										17.4	82.2	80 200*	32.9	93.1	95 700*	42.9	98.1	96 400*	70.0
72.0													28.3	89.5	90 300*	39.5	95.7	93 100*	72.0
74.0													22.9	85.0	85 400*	35.7	92.9	90 100*	74.0
76.0													15.6	78.7	80 700*	31.5	89.7	87 100*	76.0
78.0																26.7	85.9	84 300*	78.0
80.0																20.9	81.0	81 600*	80.0

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

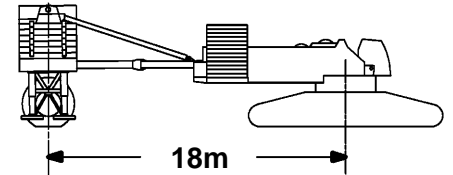


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	124 600*							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	124 600*							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	124 200*							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	122 000*							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	116 000*	57.6	114.3	118 900*				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	108 800*	55.1	112.9	118 400*				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	102 300*	52.6	111.3	115 600*				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	96 400*	50.1	109.7	111 100*				64.0
66.0							28.5	95.8	76 800*	39.1	103.5	90 900*	47.4	107.8	106 900*				66.0
68.0							23.8	91.5	73 300*	35.7	100.7	86 000*	44.5	105.8	101 100*				68.0
70.0							17.8	85.8	66 300*	32.0	97.6	81 300*	41.6	103.5	95 200*	49.2	106.8	95 200*	70.0
72.0										27.9	93.9	77 100*	38.4	101.0	89 900*	46.5	104.9	91 900*	72.0
74.0										23.0	89.4	73 100*	34.9	98.2	85 000*	43.6	102.8	88 900*	74.0
76.0										16.8	83.4	67 900*	31.2	94.9	80 500*	40.6	100.4	86 000*	76.0
78.0													26.9	91.1	76 300*	37.3	97.8	83 300*	78.0
80.0													21.8	86.4	72 400*	33.8	94.9	80 600*	80.0
84.0																25.4	87.4	75 200*	84.0
88.0																12.1	74.6	67 600*	88.0

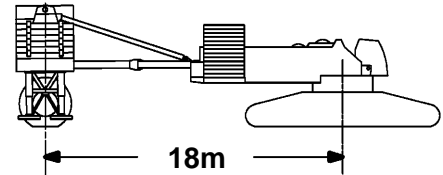


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	108 000*							52.0
54.0	43.1	113.2	60 400*	46.2	115.5	68 900*	53.1	119.8	93 500*	59.4	122.4	108 000*							54.0
56.0	40.4	110.9	58 100*	43.6	113.4	66 100*	50.8	118.2	90 100*	57.2	121.1	108 000*							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	107 900*							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	106 600*							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	101 200*	56.8	118.9	102 000*				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	95 100*	54.6	117.5	102 000*				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	89 700*	52.3	116.0	102 000*				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	84 800*	49.9	114.3	99 500*				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	80 200*	47.5	112.4	93 900*				70.0
72.0							27.3	97.5	65 400*	37.2	105.6	76 000*	45.0	110.4	88 600*	51.6	113.1	90 200*	72.0
74.0							22.8	92.9	61 600*	34.0	102.7	72 000*	42.3	108.2	83 800*	49.2	111.4	87 200*	74.0
76.0							17.2	87.0	55 800*	30.5	99.3	68 400*	39.5	105.8	79 300*	46.7	109.5	84 300*	76.0
78.0										26.6	95.5	64 900*	36.5	103.1	75 100*	44.2	107.4	81 600*	78.0
80.0										22.1	90.8	61 700*	33.3	100.1	71 300*	41.5	105.2	79 000*	80.0
84.0													25.7	92.7	64 300*	35.5	99.9	74 100*	84.0
88.0													14.6	80.9	57 900*	28.5	93.2	66 800*	88.0
92.0																19.2	83.5	60 300*	92.0

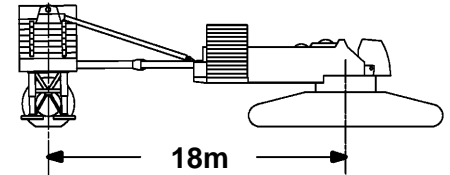


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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	92 800*							56.0
58.0	43.7	117.9	52 900*	46.4	120.1	60 400*	52.8	124.4	81 900*	58.5	127.1	92 800*							58.0
60.0	41.2	115.6	50 900*	44.1	118.1	58 000*	50.7	122.7	79 100*	56.5	125.8	92 800*							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	92 800*							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	91 100*							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	88 100*	56.1	123.6	88 900*				66.0
68.0	29.5	103.8	44 600*	33.3	107.6	50 100*	41.4	114.7	68 200*	48.1	119.3	84 100*	54.1	122.1	88 900*				68.0
70.0	25.9	99.8	43 500*	30.1	104.2	48 500*	38.8	112.2	65 600*	45.9	117.4	79 300*	52.0	120.6	88 900*				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	75 100*	49.9	118.9	87 300*				72.0
74.0	16.2	88.7	41 800*	22.4	95.7	46 200*	33.0	106.4	60 900*	41.0	113.0	71 200*	47.7	117.0	83 000*				74.0
76.0	7.4	78.1	32 900*	17.3	89.7	44 700*	29.8	103.0	58 300*	38.4	110.4	67 600*	45.4	115.1	78 400*	51.3	117.7	82 600*	76.0
78.0							26.2	99.0	55 400*	35.6	107.7	64 200*	43.0	112.9	74 300*	49.2	116.0	80 400*	78.0
80.0							21.9	94.3	52 300*	32.6	104.6	61 000*	40.4	110.6	70 400*	46.9	114.1	77 800*	80.0
84.0										25.6	97.0	55 100*	34.9	105.2	63 500*	42.2	109.9	72 900*	84.0
88.0										15.7	85.7	48 800*	28.5	98.4	57 400*	36.9	104.8	65 800*	88.0
92.0													20.2	89.0	52 000*	30.9	98.6	59 500*	92.0
96.0																23.4	90.3	53 900*	96.0
100.0																11.8	76.7	48 800*	100.0

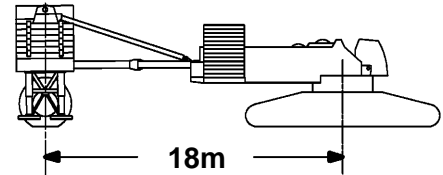


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	79 900*							62.0
64.0	41.9	120.3	44 800*	44.5	122.7	51 200*	50.5	127.3	69 600*	56.0	130.4	78 200*							64.0
66.0	39.5	117.9	43 200*	42.3	120.5	49 300*	48.5	125.6	67 300*	54.1	128.9	75 600*							66.0
68.0	37.0	115.3	41 800*	39.9	118.1	47 600*	46.4	123.7	64 600*	52.2	127.4	72 900*							68.0
70.0	34.4	112.4	40 500*	37.5	115.5	45 900*	44.3	121.6	62 000*	50.2	125.7	70 200*	55.6	128.2	75 800*				70.0
72.0	31.5	109.1	39 300*	34.8	112.7	44 400*	42.0	119.4	59 400*	48.2	123.9	67 500*	53.7	126.7	74 500*				72.0
74.0	28.4	105.5	38 300*	32.0	109.5	43 000*	39.7	117.0	56 900*	46.1	122.0	64 900*	51.8	125.2	72 000*				74.0
76.0	24.9	101.3	37 500*	29.0	105.9	41 800*	37.2	114.4	54 500*	44.0	119.9	62 300*	49.8	123.5	69 500*				76.0
78.0	20.9	96.3	37 000*	25.6	101.9	40 700*	34.6	111.5	52 200*	41.7	117.7	59 800*	47.8	121.6	67 000*				78.0
80.0	15.8	89.9	35 600*	21.6	97.1	40 000*	31.7	108.3	49 900*	39.3	115.2	57 300*	45.7	119.7	64 500*	51.2	122.3	70 100*	80.0
84.0							25.2	100.6	45 700*	34.2	109.7	52 400*	41.2	115.3	59 500*	47.1	118.7	65 700*	84.0
88.0							16.2	89.3	39 400*	28.2	102.7	48 000*	36.3	110.1	54 700*	42.8	114.5	61 000*	88.0
92.0										20.5	93.4	43 900*	30.6	103.8	50 100*	38.0	109.7	56 400*	92.0
96.0										6.5	75.3	34 500*	23.8	95.6	46 000*	32.7	103.8	51 800*	96.0
100.0													13.9	83.1	41 300*	26.4	96.4	47 500*	100.0
104.0																18.0	86.0	43 100*	104.0

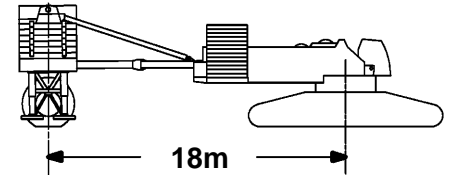


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 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	64 900*				72.0
74.0	35.7	117.3	35 800*	38.4	120.3	40 800*	44.7	126.2	50 400*	50.1	130.3	57 800*	55.1	132.9	64 100*				74.0
76.0	33.1	114.3	34 800*	36.1	117.6	39 500*	42.6	124.1	48 200*	48.3	128.5	55 400*	53.3	131.4	61 700*				76.0
78.0	30.4	110.9	33 900*	33.6	114.6	38 300*	40.5	121.7	45 900*	46.3	126.6	53 000*	51.6	129.8	59 500*				78.0
80.0	27.4	107.2	33 100*	30.9	111.3	37 000*	38.2	119.2	43 700*	44.4	124.6	50 600*	49.7	128.1	57 100*				80.0
84.0	20.3	97.7	31 300*	24.7	103.4	33 500*	33.3	113.4	39 600*	40.1	120.0	46 100*	45.9	124.3	52 500*	51.0	126.9	57 800*	84.0
88.0	7.9	80.4	21 900*	16.4	92.1	30 300*	27.7	106.4	35 800*	35.5	114.7	41 800*	41.8	120.0	48 000*	47.3	123.3	53 600*	88.0
92.0							20.5	97.0	32 300*	30.2	108.2	37 800*	37.4	115.0	43 700*	43.3	119.2	49 400*	92.0
96.0							8.7	80.4	27 600*	23.8	100.0	34 200*	32.3	109.0	39 700*	38.9	114.4	45 200*	96.0
100.0										15.0	88.0	30 800*	26.5	101.6	35 900*	34.1	108.8	41 100*	100.0
104.0													19.0	91.6	32 400*	28.6	102.0	37 300*	104.0
108.0																21.8	93.1	33 800*	108.0
112.0																11.5	78.9	30 600*	112.0

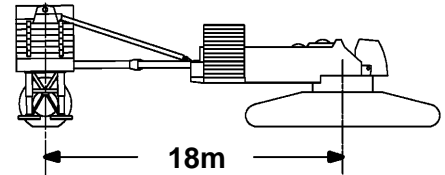


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	53 700*				76.0
78.0	36.7	122.2	30 200*	39.3	125.1	32 800*	45.0	130.9	39 200*	50.1	134.9	45 900*	54.7	137.5	51 600*				78.0
80.0	34.5	119.3	28 500*	37.1	122.5	30 800*	43.1	128.7	37 100*	48.3	133.1	43 600*	53.0	136.0	49 500*				80.0
84.0	29.4	112.7	25 000*	32.5	116.5	27 300*	39.0	124.0	33 100*	44.7	129.2	39 200*	49.7	132.7	45 300*				84.0
88.0	23.4	104.3	21 900*	27.1	109.2	23 900*	34.6	118.5	29 400*	40.8	124.7	35 100*	46.1	128.9	40 900*	50.9	131.5	46 000*	88.0
92.0	15.1	92.2	19 100*	20.4	99.7	20 900*	29.6	111.8	25 900*	36.6	119.6	31 300*	42.4	124.7	36 900*	47.4	127.9	42 100*	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	38 200*	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	34 200*	100.0
104.0										19.4	96.0	21 200*	28.6	107.2	25 800*	35.4	113.8	30 600*	104.0
108.0										7.2	77.8	18 500*	22.3	98.5	22 600*	30.5	107.4	27 100*	108.0
112.0													13.4	85.3	19 700*	24.7	99.4	23 800*	112.0
116.0																17.1	88.4	20 800*	116.0



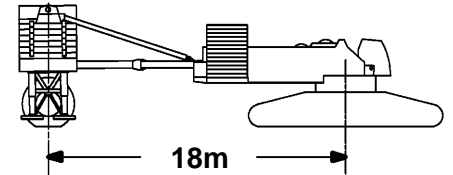


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	35 800*	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	32 100*	96.0
100.0	8.3	82.7	8 900*	15.7	94.4	10 400*	26.0	109.6	14 400*	33.2	118.6	18 900*	39.0	124.6	23 700*	44.0	128.5	28 400*	100.0
104.0							19.5	99.6	11 700*	28.3	111.6	15 900*	34.9	119.1	20 300*	40.4	124.0	24 900*	104.0
108.0							8.9	82.6	9 400*	22.5	102.8	13 000*	30.3	112.6	17 200*	36.4	118.7	21 500*	108.0
112.0										14.4	90.2	10 500*	24.9	104.7	14 300*	32.0	112.7	18 300*	112.0
116.0													18.0	94.0	11 600*	26.9	105.3	15 300*	116.0
120.0																20.7	95.8	12 600*	120.0
124.0																11.3	81.0	10 200*	124.0

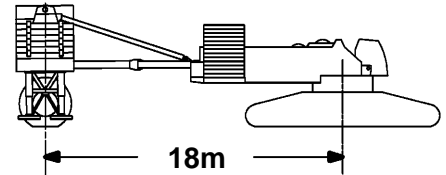


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	222 900*b										28.0
30.0	34.7	91.0	147 700*	43.7	94.3	165 100*	61.2	98.8	215 600*b										30.0
32.0	25.5	87.1	142 800*	36.8	91.7	156 600*	56.1	97.4	205 900*										32.0
34.0				28.3	88.1	149 300*	50.7	95.7	195 800*										34.0
36.0				15.3	82.2	123 400*	44.7	93.7	185 600*										36.0
38.0							38.0	91.2	176 000*	56.7	96.1	212 900*							38.0
40.0							29.9	87.9	166 900*	51.3	94.5	201 600*							40.0
42.0							18.2	82.6	142 400*	45.4	92.5	191 200*							42.0
44.0										38.8	90.0	181 800*							44.0
46.0										30.9	86.8	173 100*	51.5	92.5	166 200*				46.0
48.0										19.9	81.9	155 700*	45.6	90.5	158 600*				48.0
50.0													39.1	88.1	151 600*				50.0
52.0													31.2	84.9	145 000*	51.1	89.8	139 100*	52.0
54.0													20.4	80.1	138 700*	45.2	87.8	133 300*	54.0
56.0																38.6	85.4	127 900*	56.0
58.0																30.6	82.1	122 700*	58.0
60.0																19.4	77.1	117 800*	60.0

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

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

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

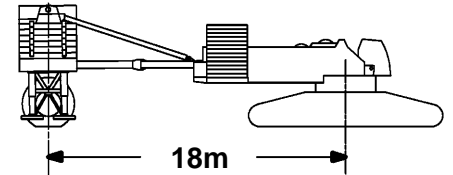


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	181 100*										34.0
36.0	31.4	92.8	116 200*	39.4	96.5	129 700*	54.8	102.0	173 000*										36.0
38.0	23.2	88.5	113 100*	33.2	93.6	123 700*	50.4	100.3	164 800*										38.0
40.0				25.7	89.6	119 400*	45.6	98.4	156 500*	59.5	102.1	193 900*							40.0
42.0				14.4	83.3	105 400*	40.3	96.0	148 600*	55.3	100.7	189 700*							42.0
44.0							34.3	93.2	141 300*	50.9	99.1	181 200*							44.0
46.0							27.1	89.4	135 200*	46.1	97.1	172 500*							46.0
48.0							16.8	83.8	122 200*	40.9	94.8	164 600*	55.4	98.7	157 700*				48.0
50.0										35.0	92.0	157 400*	51.0	97.1	150 700*				50.0
52.0										28.0	88.4	150 400*	46.3	95.2	144 300*				52.0
54.0										18.3	83.1	134 400*	41.1	92.9	138 300*				54.0
56.0													35.3	90.1	132 700*				56.0
58.0													28.3	86.5	127 500*	46.0	92.5	122 000*	58.0
60.0													18.7	81.3	122 400*	40.8	90.2	117 300*	60.0
62.0																34.8	87.3	112 900*	62.0
64.0																27.7	83.7	108 700*	64.0
66.0																17.9	78.3	104 700*	66.0

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

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

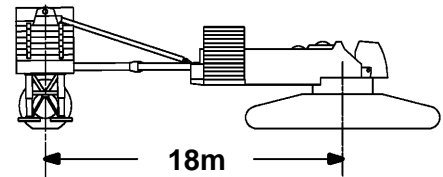


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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>b</b>																18.3
20.0	72.4	113.9	157 800* <b>b</b>																20.0
22.0	69.3	113.2	151 700* <b>b</b>																22.0
24.0	66.1	112.3	145 100*	70.1	113.2	160 100* <b>b</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	168 700*							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	167 700*							44.0
46.0				23.8	91.1	96 500*	41.8	100.8	126 700*	54.3	105.3	162 800*							46.0
48.0				13.7	84.4	88 300*	37.0	98.2	120 600*	50.6	103.7	156 900*							48.0
50.0							31.6	95.0	115 200*	46.6	101.7	150 600*							50.0
52.0							25.1	90.9	110 700*	42.3	99.6	144 100*	54.5	103.3	142 600*				52.0
54.0							15.9	84.9	102 700*	37.6	97.0	137 600*	50.7	101.7	136 700*				54.0
56.0										32.2	93.9	131 100*	46.7	99.8	131 200*				56.0
58.0										25.9	89.9	122 800*	42.5	97.6	126 100*				58.0
60.0										17.2	84.2	112 300*	37.8	95.1	121 200*	50.5	99.0	115 600*	60.0
62.0													32.4	92.0	116 700*	46.5	97.1	111 300*	62.0
64.0													26.1	88.1	112 400*	42.2	94.9	107 200*	64.0
66.0													17.5	82.5	108 200*	37.4	92.3	103 400*	66.0
68.0																32.1	89.2	99 800*	68.0
70.0																25.6	85.2	96 300*	70.0
72.0																16.8	79.4	92 900*	72.0

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

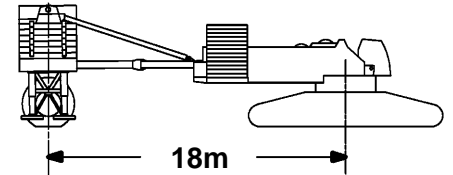


# Liftcrane Luffing Jib Capacities

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  
 390 090 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* <b>b</b>																21.3
22.0	72.2	119.7	137 000* <b>b</b>																22.0
24.0	69.5	118.9	132 000*																24.0
26.0	66.8	118.1	126 700*	70.2	118.9	139 900*													26.0
28.0	64.0	117.1	121 100*	67.5	118.1	135 000*													28.0
30.0	61.1	115.9	115 400*	64.7	117.1	129 700*													30.0
32.0	58.1	114.7	109 900*	61.9	116.0	124 200*													32.0
34.0	55.0	113.3	104 400*	58.9	114.8	118 600*													34.0
36.0	51.9	111.7	99 300*	55.9	113.4	113 000*	65.2	116.3	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	147 600*							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	146 100*							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	141 400*							50.0
52.0				22.3	92.4	79 700*	38.9	103.0	104 400*	50.4	108.2	136 500*							52.0
54.0				13.2	85.4	74 900*	34.5	100.1	99 800*	46.9	106.4	131 300*	56.9	109.4	135 500*				54.0
56.0							29.5	96.7	95 700*	43.3	104.2	126 100*	53.7	107.9	130 000*				56.0
58.0							23.5	92.3	92 300*	39.3	101.8	120 700*	50.5	106.3	125 000*				58.0
60.0							15.1	86.0	87 300*	35.0	99.0	115 200*	47.1	104.4	120 200*				60.0
62.0										30.1	95.6	108 500*	43.4	102.3	115 700*				62.0
64.0										24.2	91.4	101 900*	39.5	99.9	111 500*	50.3	103.6	106 100*	64.0
66.0										16.3	85.4	93 700*	35.2	97.1	107 500*	46.8	101.7	102 300*	66.0
68.0													30.3	93.7	103 800*	43.2	99.6	98 800*	68.0
70.0													24.5	89.5	100 200*	39.2	97.2	95 400*	70.0
72.0													16.6	83.6	95 800*	34.9	94.3	92 200*	72.0
74.0																29.9	90.9	89 100*	74.0
76.0																24.0	86.7	86 100*	76.0
78.0																16.0	80.6	83 300*	78.0

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

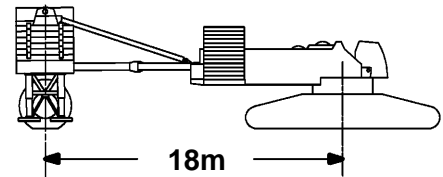


# Liftcrane Luffing Jib Capacities

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  
 390 090 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* <sup>b</sup>																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	128 500*							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	128 500*							50.0
52.0	30.5	101.7	65 300*	35.9	105.6	73 200*	46.8	112.2	99 600*	55.9	116.0	126 700*							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	123 100*							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	119 100*							56.0
58.0				21.2	93.8	66 600*	36.5	105.1	87 100*	47.2	111.0	114 900*	56.0	114.1	123 200*				58.0
60.0				12.8	86.5	63 300*	32.4	102.0	83 600*	44.0	108.9	110 600*	53.2	112.6	118 400*				60.0
62.0							27.8	98.3	80 400*	40.6	106.6	106 300*	50.3	110.9	114 000*				62.0
64.0							22.2	93.7	77 800*	36.9	103.9	101 700*	47.3	109.0	109 900*				64.0
66.0							14.6	87.1	74 100*	32.9	100.9	95 800*	44.1	107.0	106 000*				66.0
68.0										28.4	97.3	90 400*	40.7	104.6	102 300*	50.1	108.2	97 000*	68.0
70.0										22.9	92.8	85 400*	37.1	102.0	98 700*	47.1	106.3	93 600*	70.0
72.0										15.6	86.5	78 700*	33.1	99.0	95 300*	43.9	104.3	90 500*	72.0
74.0													28.5	95.4	90 900*	40.5	101.9	87 500*	74.0
76.0													23.1	90.9	85 800*	36.8	99.3	84 600*	76.0
78.0													15.9	84.8	80 600*	32.8	96.2	81 900*	78.0
80.0																28.2	92.6	79 300*	80.0
84.0																15.3	81.7	74 300*	84.0

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

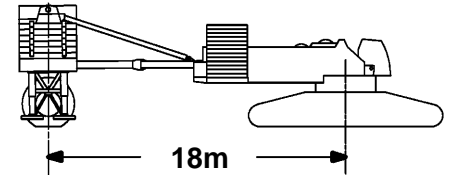


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	112 500*							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	112 400*							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	111 100*							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	108 000*							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	104 800*							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	101 400*	55.2	118.7	108 800*				62.0
64.0	9.2	84.5	51 100*	20.2	95.1	56 500*	34.6	107.1	73 700*	44.6	113.6	97 800*	52.7	117.2	108 700*				64.0
66.0				12.6	87.6	54 200*	30.8	103.8	70 900*	41.6	111.3	94 300*	50.2	115.5	104 800*				66.0
68.0							26.4	99.9	68 500*	38.4	108.8	90 000*	47.5	113.6	101 100*				68.0
70.0							21.2	95.1	66 400*	35.0	106.0	84 900*	44.7	111.6	97 600*				70.0
72.0							14.1	88.2	62 600*	31.2	102.7	80 400*	41.7	109.4	94 300*	50.0	112.8	89 200*	72.0
74.0										26.9	98.9	76 200*	38.5	106.9	90 300*	47.3	111.0	86 300*	74.0
76.0										21.9	94.2	72 300*	35.1	104.0	85 200*	44.5	108.9	83 500*	76.0
78.0										15.1	87.6	66 600*	31.3	100.8	80 700*	41.5	106.7	80 800*	78.0
80.0													27.1	97.0	76 500*	38.3	104.1	78 200*	80.0
84.0													15.4	85.9	68 600*	31.1	98.0	73 500*	84.0
88.0																21.7	89.4	69 000*	88.0

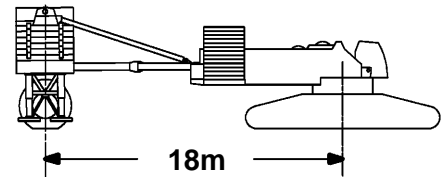


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 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	98 200*							54.0
56.0	40.8	117.4	52 800*	44.3	120.1	60 300*	52.1	125.0	82 400*	58.9	128.0	98 200*							56.0
58.0	37.9	114.8	50 900*	41.6	117.8	57 900*	49.7	123.3	79 400*	56.8	126.7	98 100*							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	97 500*							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	94 900*							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	92 200*	56.8	124.7	94 100*				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	89 500*	54.7	123.3	94 100*				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	86 600*	52.4	121.7	94 100*				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	83 700*	50.1	120.1	94 100*				70.0
72.0				12.3	88.6	46 600*	29.3	105.6	60 600*	39.5	113.6	79 500*	47.6	118.2	92 900*				72.0
74.0							25.3	101.4	58 700*	36.5	110.9	75 300*	45.1	116.2	89 100*				74.0
76.0							20.4	96.4	57 100*	33.3	107.9	71 400*	42.4	114.1	84 300*	49.9	117.4	81 700*	76.0
78.0							13.8	89.3	52 700*	29.8	104.5	67 800*	39.6	111.7	79 700*	47.5	115.6	79 100*	78.0
80.0										25.7	100.4	64 400*	36.7	109.0	75 600*	44.9	113.6	76 500*	80.0
84.0										14.7	88.8	56 400*	29.9	102.6	68 000*	39.5	108.9	71 800*	84.0
88.0													21.2	93.7	61 400*	33.2	103.2	67 500*	88.0
92.0																25.6	95.7	63 500*	92.0
96.0																14.4	83.9	58 300*	96.0



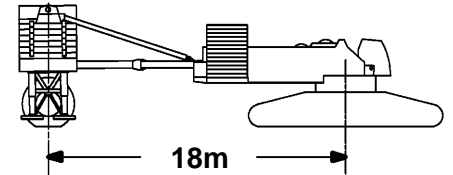


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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	84 500*							60.0
62.0	39.0	119.6	44 700*	42.3	122.5	51 000*	49.6	127.9	70 000*	56.1	131.4	84 500*							62.0
64.0	36.3	116.9	43 200*	39.7	120.1	49 100*	47.4	126.1	67 500*	54.1	129.9	84 500*							64.0
66.0	33.3	113.9	41 800*	37.0	117.5	47 400*	45.1	124.1	65 100*	52.0	128.3	83 700*							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	81 600*	56.2	129.4	81 100*				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	79 400*	54.2	127.9	81 100*				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	77 000*	52.1	126.4	81 100*				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	74 200*	50.0	124.7	81 100*				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	70 400*	47.7	122.8	80 000*				76.0
78.0				12.1	89.7	40 500*	28.1	107.2	52 500*	37.8	115.8	66 800*	45.5	120.9	77 500*	52.0	123.7	76 500*	78.0
80.0							24.3	102.9	50 900*	35.0	112.9	63 400*	43.1	118.7	74 400*	49.8	122.0	75 500*	80.0
84.0							13.5	90.4	44 400*	28.5	106.2	57 300*	37.9	113.8	67 000*	45.3	118.2	70 600*	84.0
88.0										20.2	96.8	51 900*	32.0	107.8	60 500*	40.4	113.7	66 400*	88.0
92.0													24.9	100.1	54 700*	34.9	108.3	62 400*	92.0
96.0													14.5	88.1	49 500*	28.4	101.5	57 400*	96.0
100.0																20.1	92.1	52 100*	100.0

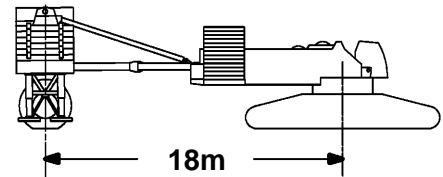


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	73 600*							66.0
68.0	37.4	121.8	37 900*	40.6	124.8	43 200*	47.5	130.7	59 600*	53.7	134.5	73 200*							68.0
70.0	34.8	118.9	36 700*	38.1	122.3	41 800*	45.4	128.7	57 600*	51.8	132.9	71 200*							70.0
72.0	32.0	115.8	35 600*	35.6	119.5	40 400*	43.2	126.6	55 600*	49.8	131.2	68 700*	55.6	134.0	69 800*				72.0
74.0	28.9	112.2	34 700*	32.8	116.4	39 100*	40.9	124.3	53 700*	47.8	129.4	66 200*	53.8	132.5	69 800*				74.0
76.0	25.5	108.1	34 000*	29.8	113.0	38 000*	38.5	121.8	51 800*	45.7	127.5	63 700*	51.8	131.0	69 800*				76.0
78.0	21.6	103.3	33 600*	26.5	109.1	37 100*	36.0	119.1	50 100*	43.5	125.3	61 200*	49.9	129.3	68 700*				78.0
80.0	16.7	97.2	33 500*	22.7	104.5	36 400*	33.3	116.0	48 400*	41.2	123.1	58 700*	47.8	127.4	66 200*				80.0
84.0				12.0	90.8	33 500*	27.1	108.8	45 500*	36.3	117.9	54 000*	43.6	123.4	61 500*	49.7	126.6	65 200*	84.0
88.0							19.0	98.9	42 000*	30.7	111.6	49 500*	38.9	118.7	56 800*	45.6	122.8	63 300*	88.0
92.0										23.8	103.4	45 300*	33.7	113.0	52 200*	41.1	118.4	58 900*	92.0
96.0										14.0	91.0	40 100*	27.6	105.9	47 900*	36.2	113.2	54 400*	96.0
100.0													19.7	96.3	43 800*	30.6	106.9	50 100*	100.0
104.0																23.7	98.7	46 000*	104.0
108.0																13.8	86.1	41 600*	108.0

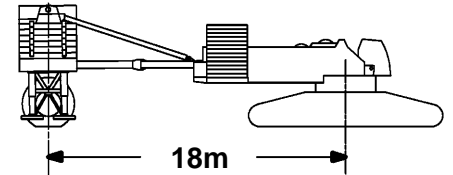


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 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	60 200*				74.0
76.0	33.6	120.9	31 400*	36.7	124.4	35 800*	43.7	131.2	49 000*	49.7	135.8	56 600*	55.2	138.6	60 200*				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	60 100*				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	58 800*				80.0
84.0	20.9	104.6	29 000*	25.6	110.7	32 100*	34.7	121.1	40 500*	41.8	127.8	47 500*	47.9	132.1	54 300*				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	50 000*	49.7	131.2	55 500*	88.0
92.0							22.6	105.8	33 000*	32.4	116.8	39 200*	39.7	123.4	45 700*	45.9	127.4	51 600*	92.0
96.0							13.0	92.6	29 900*	26.5	109.4	35 500*	35.0	118.0	41 600*	41.8	123.1	47 500*	96.0
100.0										19.0	99.4	32 000*	29.7	111.4	37 700*	37.3	118.1	43 500*	100.0
104.0													23.2	103.0	34 100*	32.3	112.1	39 700*	104.0
108.0													13.9	90.3	30 900*	26.4	104.7	36 000*	108.0
112.0																18.8	94.6	32 500*	112.0

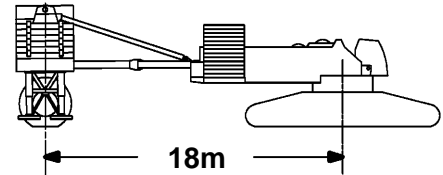


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	51 500*				78.0
80.0	34.8	125.9	27 600*	37.7	129.3	31 200*	44.1	135.9	38 000*	49.7	140.4	45 000*	54.7	143.3	50 800*				80.0
84.0	29.9	119.3	25 200*	33.1	123.4	27 600*	40.1	131.3	34 000*	46.1	136.7	40 700*	51.5	140.2	46 900*				84.0
88.0	23.9	111.1	22 100*	27.8	116.4	24 200*	35.8	126.0	30 200*	42.4	132.4	36 500*	48.0	136.7	42 900*				88.0
92.0	15.9	99.5	19 200*	21.4	107.3	21 200*	31.0	119.7	26 700*	38.3	127.6	32 700*	44.4	132.7	38 700*	49.6	135.8	44 000*	92.0
96.0				11.7	92.9	18 500*	25.3	112.0	23 400*	33.8	121.9	29 000*	40.4	128.2	34 800*	46.1	132.1	40 300*	96.0
100.0							18.0	101.4	20 400*	28.6	115.0	25 500*	36.2	122.9	31 100*	42.3	127.8	36 500*	100.0
104.0										22.4	106.3	22 400*	31.4	116.7	27 500*	38.2	122.9	32 800*	104.0
108.0										13.5	93.2	19 500*	25.8	109.1	24 200*	33.7	117.2	29 200*	108.0
112.0													18.6	98.8	21 200*	28.5	110.3	25 800*	112.0
116.0																22.3	101.5	22 700*	116.0
120.0																13.3	88.3	19 900*	120.0

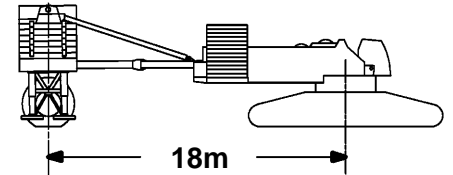


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	34 100*	96.0
100.0	9.7	91.0	9 100*	16.9	102.4	10 700*	27.5	117.7	15 100*	34.9	126.9	20 100*	41.0	132.9	25 500*	46.3	136.7	30 500*	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	27 000*	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	23 600*	108.0
112.0										18.0	101.8	11 500*	27.9	114.8	15 800*	34.9	122.2	20 300*	112.0
116.0													21.9	105.8	13 000*	30.3	115.7	17 200*	116.0
120.0													13.5	92.6	10 400*	24.8	107.8	14 300*	120.0
124.0																17.9	97.1	11 700*	124.0
128.0																4.0	74.6	9 500*	128.0

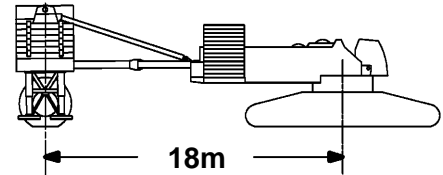


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	169 200*										36.0
38.0							41.7	98.6	161 300*										38.0
40.0							34.4	95.8	153 900*	55.6	101.7	191 500*b							40.0
42.0							25.1	91.8	148 200*	50.1	100.0	185 300*							42.0
44.0										44.1	97.9	177 500*							44.0
46.0										37.3	95.3	169 900*	57.1	99.9	162 500*b				46.0
48.0										28.9	91.8	162 500*	51.7	98.3	155 000*				48.0
50.0										16.5	86.2	144 200*	45.9	96.3	148 200*				50.0
52.0													39.4	93.9	141 800*				52.0
54.0													31.6	90.8	135 800*				54.0
56.0													21.0	86.1	130 100*	47.0	94.0	124 200*	56.0
58.0																40.6	91.7	119 300*	58.0
60.0																33.1	88.7	114 600*	60.0
62.0																23.3	84.4	110 200*	62.0

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

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

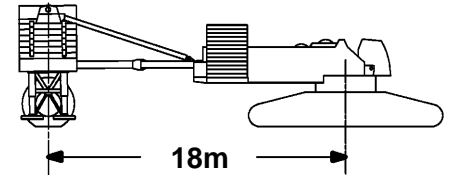


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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*										40.0
42.0				18.2	91.5	106 600*	43.2	103.3	136 800*	58.6	107.7	169 100*							42.0
44.0							37.6	100.8	130 500*	54.4	106.3	165 500*							44.0
46.0							31.1	97.5	125 000*	49.9	104.6	159 400*							46.0
48.0							22.9	93.2	120 800*	45.1	102.6	153 000*							48.0
50.0										39.7	100.2	146 600*							50.0
52.0										33.7	97.2	140 400*	51.2	102.9	140 900*				52.0
54.0										26.3	93.4	134 700*	46.5	101.0	135 100*				54.0
56.0										15.4	87.3	123 800*	41.3	98.7	129 600*				56.0
58.0													35.5	96.0	124 500*	52.0	100.4	118 300*	58.0
60.0													28.6	92.4	119 700*	47.4	98.6	113 700*	60.0
62.0													19.2	87.3	115 100*	42.3	96.4	109 500*	62.0
64.0																36.6	93.7	105 500*	64.0
66.0																30.0	90.4	101 700*	66.0
68.0																21.2	85.7	98 000*	68.0

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

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

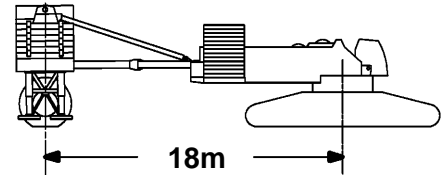


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	148 400*							44.0
46.0				25.8	98.4	89 400*	44.1	108.0	117 000*	57.2	112.4	147 600*							46.0
48.0				17.0	92.7	88 400*	39.6	105.6	111 800*	53.6	110.9	142 900*							48.0
50.0							34.6	102.7	106 900*	49.8	109.2	137 900*							50.0
52.0							28.7	99.2	102 800*	45.7	107.2	132 600*							52.0
54.0							21.3	94.5	99 600*	41.3	104.9	127 300*	54.6	109.1	133 400*				54.0
56.0										36.5	102.3	122 000*	50.9	107.5	128 000*				56.0
58.0										31.0	99.0	116 900*	46.9	105.6	123 000*				58.0
60.0										24.3	94.8	112 600*	42.6	103.4	118 300*				60.0
62.0										14.6	88.4	106 000*	38.0	100.9	113 800*				62.0
64.0													32.7	97.8	109 600*	47.6	103.2	103 800*	64.0
66.0													26.4	94.0	105 700*	43.4	101.1	100 100*	66.0
68.0													18.0	88.5	101 900*	38.8	98.6	96 600*	68.0
70.0																33.7	95.7	93 200*	70.0
72.0																27.6	92.0	90 000*	72.0
74.0																19.8	86.9	87 000*	74.0

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



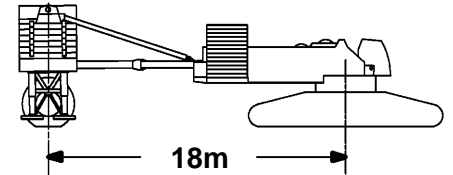


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	130 200*							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	130 200*							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	128 200*							50.0
52.0				24.2	99.9	74 100*	41.0	110.4	97 000*	53.0	115.5	124 600*							52.0
54.0				16.2	93.8	73 500*	36.9	107.7	92 900*	49.7	113.8	120 400*							54.0
56.0							32.2	104.6	89 200*	46.2	111.8	116 100*							56.0
58.0							26.8	100.8	86 000*	42.5	109.7	111 700*	53.9	113.7	121 800*				58.0
60.0							20.0	95.7	83 600*	38.5	107.1	107 300*	50.6	112.1	117 100*				60.0
62.0										34.0	104.2	103 000*	47.2	110.2	112 800*				62.0
64.0										29.0	100.7	99 000*	43.6	108.1	108 700*				64.0
66.0										22.8	96.2	95 600*	39.6	105.7	104 800*	51.2	109.6	98 900*	66.0
68.0										14.0	89.5	89 700*	35.3	102.9	101 100*	47.8	107.8	95 500*	68.0
70.0													30.5	99.6	97 600*	44.2	105.8	92 200*	70.0
72.0													24.7	95.5	94 300*	40.4	103.4	89 100*	72.0
74.0													17.1	89.7	91 100*	36.2	100.7	86 100*	74.0
76.0																31.4	97.5	83 300*	76.0
78.0																25.9	93.5	80 600*	78.0
80.0																18.7	88.2	78 000*	80.0

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

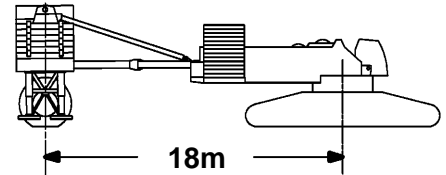


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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* <sup>b</sup>																22.9
24.0	72.4	131.7	107 300*																24.0
26.0	70.0	130.9	103 800*																26.0
28.0	67.6	130.1	100 200*	70.9	131.0	110 200*													28.0
30.0	65.2	129.1	96 400*	68.6	130.2	106 900*													30.0
32.0	62.7	128.1	92 500*	66.1	129.3	103 400*													32.0
34.0	60.1	126.9	88 600*	63.7	128.3	99 700*													34.0
36.0	57.5	125.6	84 700*	61.1	127.1	95 800*													36.0
38.0	54.8	124.2	81 000*	58.5	125.9	91 900*													38.0
40.0	52.0	122.6	77 300*	55.8	124.5	88 000*	64.7	127.7	113 100*										40.0
42.0	49.0	120.9	73 900*	53.1	123.0	84 200*	62.2	126.6	110 100*										42.0
44.0	46.0	118.9	70 700*	50.2	121.3	80 500*	59.6	125.4	106 700*										44.0
46.0	42.7	116.8	67 700*	47.2	119.5	77 000*	57.0	124.1	103 200*										46.0
48.0	39.2	114.3	65 000*	44.0	117.4	73 700*	54.3	122.7	99 500*										48.0
50.0	35.4	111.6	62 600*	40.6	115.1	70 600*	51.4	121.1	95 700*	60.6	124.3	114 500*							50.0
52.0	31.2	108.3	60 600*	36.9	112.4	67 900*	48.5	119.3	91 900*	58.0	123.0	114 300*							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	112 100*							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	108 900*							56.0
58.0				22.9	101.3	62 000*	38.5	112.6	81 000*	49.6	118.3	105 400*							58.0
60.0				15.5	94.9	61 600*	34.7	109.7	77 900*	46.5	116.4	102 000*	56.1	119.8	111 600*				60.0
62.0							30.3	106.4	75 000*	43.3	114.3	98 300*	53.3	118.3	110 500*				62.0
64.0							25.3	102.3	72 500*	39.9	111.9	94 600*	50.4	116.7	107 000*				64.0
66.0							19.0	97.0	70 700*	36.1	109.2	90 900*	47.4	114.8	103 100*				66.0
68.0										32.0	106.1	87 500*	44.2	112.8	99 500*				68.0
70.0										27.3	102.3	84 400*	40.9	110.5	96 100*	51.0	114.2	90 300*	70.0
72.0										21.6	97.6	81 600*	37.2	107.9	92 800*	48.0	112.4	87 300*	72.0
74.0										13.6	90.6	76 400*	33.2	104.8	89 800*	44.8	110.4	84 400*	74.0
76.0													28.7	101.3	86 800*	41.5	108.2	81 600*	76.0
78.0													23.4	96.9	84 000*	37.9	105.6	79 000*	78.0
80.0													16.3	90.8	80 700*	34.0	102.7	76 500*	80.0
84.0																24.4	95.0	71 800*	84.0

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

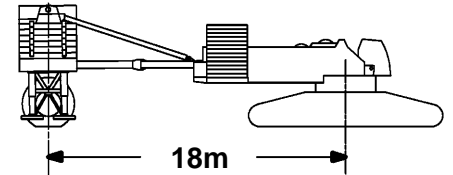


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	101 000*							52.0
54.0	37.1	116.5	54 200*	41.5	119.8	61 400*	51.2	125.7	83 500*	59.4	129.0	101 000*							54.0
56.0	33.5	113.5	52 400*	38.4	117.3	59 100*	48.5	123.9	80 400*	57.1	127.7	100 500*							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	98 500*							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	95 800*							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	93 100*							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	90 100*	55.3	124.5	97 700*				64.0
66.0				15.0	96.1	52 300*	32.8	111.6	66 200*	43.9	119.0	87 100*	52.9	122.9	97 700*				66.0
68.0							28.8	108.1	63 900*	40.9	116.7	84 100*	50.3	121.3	97 500*				68.0
70.0							24.1	103.8	61 900*	37.7	114.1	81 000*	47.6	119.4	95 000*				70.0
72.0							18.3	98.2	60 600*	34.2	111.2	78 100*	44.8	117.4	91 700*				72.0
74.0										30.4	107.9	75 300*	41.8	115.2	88 700*	50.7	118.8	83 100*	74.0
76.0										25.9	103.9	72 800*	38.7	112.7	85 800*	48.1	117.0	80 400*	76.0
78.0										20.6	98.9	70 400*	35.2	109.9	83 000*	45.3	115.1	77 800*	78.0
80.0										13.2	91.7	65 200*	31.5	106.7	80 400*	42.4	112.9	75 300*	80.0
84.0													22.3	98.3	72 900*	35.9	107.7	70 700*	84.0
88.0																28.1	100.9	66 500*	88.0
92.0																17.1	90.6	62 500*	92.0

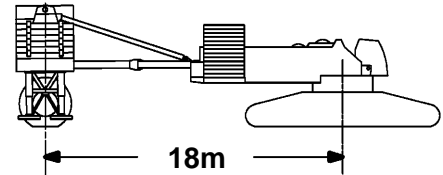


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	88 100*							56.0
58.0	38.4	121.3	47 100*	42.3	124.5	53 600*	51.0	130.2	73 100*	58.5	133.6	88 100*							58.0
60.0	35.3	118.5	45 600*	39.5	122.1	51 600*	48.6	128.5	70 500*	56.3	132.3	87 900*							60.0
62.0	32.0	115.4	44 200*	36.5	119.4	49 800*	46.1	126.6	67 900*	54.1	130.9	86 500*							62.0
64.0	28.3	111.7	43 100*	33.3	116.4	48 200*	43.5	124.4	65 500*	51.8	129.3	84 300*							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	82 000*	56.9	130.5	84 700*				66.0
68.0	18.8	101.9	41 900*	25.7	108.9	45 600*	37.8	119.6	60 700*	47.0	125.7	79 700*	54.7	129.1	84 700*				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	77 200*	52.5	127.6	84 700*				70.0
72.0				14.6	97.2	44 800*	31.3	113.5	56 600*	41.8	121.4	74 600*	50.2	125.9	84 700*				72.0
74.0							27.5	109.7	54 800*	38.9	118.9	72 200*	47.7	124.1	84 700*				74.0
76.0							23.1	105.2	53 300*	35.9	116.2	69 700*	45.2	122.1	84 000*				76.0
78.0							17.6	99.4	52 200*	32.6	113.1	67 400*	42.6	119.9	81 400*	50.6	123.4	76 000*	78.0
80.0										29.0	109.6	65 100*	39.8	117.5	78 800*	48.2	121.6	73 600*	80.0
84.0										19.8	100.2	60 500*	33.6	111.8	71 800*	43.0	117.5	69 000*	84.0
88.0													26.1	104.5	64 800*	37.3	112.6	64 800*	88.0
92.0													15.2	93.1	58 200*	30.7	106.3	61 000*	92.0
96.0																22.3	97.8	57 400*	96.0

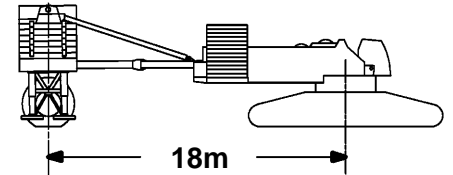


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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	77 500*							62.0
64.0	36.7	123.4	39 800*	40.4	126.8	45 400*	48.6	133.1	62 200*	55.7	136.9	77 500*							64.0
66.0	33.8	120.5	38 600*	37.8	124.3	43 800*	46.3	131.2	60 000*	53.7	135.5	76 400*							66.0
68.0	30.6	117.2	37 600*	34.9	121.4	42 400*	44.0	129.1	58 000*	51.6	133.9	74 600*							68.0
70.0	27.1	113.3	36 800*	31.9	118.2	41 100*	41.5	126.8	55 900*	49.4	132.1	72 700*	56.3	135.2	73 800*				70.0
72.0	23.1	108.8	36 200*	28.5	114.6	40 000*	38.9	124.4	54 000*	47.2	130.3	70 800*	54.3	133.7	73 800*				72.0
74.0	18.1	103.2	36 000*	24.7	110.4	39 100*	36.2	121.7	52 100*	44.9	128.3	68 700*	52.2	132.1	73 800*				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	66 700*	50.0	130.5	73 800*				76.0
78.0				14.2	98.3	38 400*	30.0	115.2	48 800*	39.9	123.7	64 600*	47.8	128.6	73 800*				78.0
80.0							26.4	111.3	47 400*	37.2	121.1	62 600*	45.5	126.7	73 800*				80.0
84.0							17.0	100.6	45 300*	31.2	114.9	58 700*	40.7	122.2	70 800*	48.2	126.2	67 700*	84.0
88.0										23.8	106.8	54 000*	35.2	116.9	63 800*	43.6	122.2	63 600*	88.0
92.0										12.7	93.8	46 600*	28.8	110.2	57 700*	38.5	117.4	59 900*	92.0
96.0													20.6	101.0	52 200*	32.7	111.6	56 300*	96.0
100.0																25.7	104.1	53 100*	100.0
104.0																16.0	92.9	49 900*	104.0

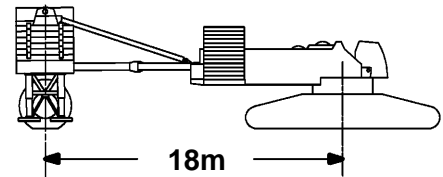


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	67 400*							68.0
70.0	35.2	125.5	33 700*	38.8	129.1	38 400*	46.6	135.8	53 000*	53.3	140.1	67 200*							70.0
72.0	32.5	122.4	32 800*	36.3	126.4	37 200*	44.4	133.7	51 200*	51.4	138.5	65 900*	57.5	141.2	64 000*				72.0
74.0	29.4	118.9	32 000*	33.6	123.4	36 100*	42.2	131.5	49 500*	49.4	136.7	64 300*	55.7	139.8	64 000*				74.0
76.0	26.1	114.9	31 300*	30.6	120.0	35 100*	39.8	129.1	47 900*	47.3	134.9	62 800*	53.8	138.3	64 000*				76.0
78.0	22.3	110.2	30 900*	27.4	116.3	34 300*	37.4	126.5	46 300*	45.2	132.9	61 100*	51.9	136.8	64 000*				78.0
80.0	17.6	104.4	30 900*	23.8	111.9	33 600*	34.7	123.7	44 800*	43.0	130.8	59 400*	50.0	135.1	64 000*				80.0
84.0				13.9	99.4	33 100*	28.8	116.9	42 200*	38.3	125.9	55 300*	45.8	131.3	63 100*	52.3	134.3	60 500*	84.0
88.0							21.5	108.0	40 100*	33.0	120.1	50 900*	41.4	126.9	58 600*	48.3	130.8	60 500*	88.0
92.0										26.7	112.8	46 700*	36.5	121.8	54 200*	44.1	126.8	58 100*	92.0
96.0										18.5	102.7	42 800*	30.9	115.5	49 900*	39.4	122.2	54 700*	96.0
100.0													24.1	107.5	45 800*	34.3	116.6	51 500*	100.0
104.0													14.5	95.3	41 800*	28.3	109.8	48 500*	104.0
108.0																20.7	100.5	44 600*	108.0

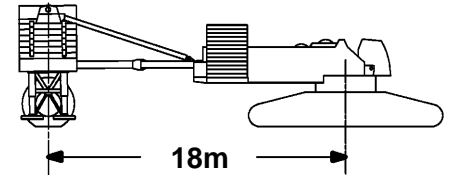


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 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	59 000*							72.0
74.0	36.4	130.4	29 600*	39.6	133.8	33 900*	46.7	140.4	46 900*	53.0	144.7	58 900*							74.0
76.0	34.0	127.5	28 700*	37.3	131.2	32 800*	44.8	138.4	45 500*	51.2	143.1	57 500*							76.0
78.0	31.3	124.2	28 000*	34.9	128.4	31 800*	42.7	136.2	44 100*	49.4	141.4	55 300*	55.2	144.4	56 000*				78.0
80.0	28.4	120.6	27 400*	32.3	125.3	31 000*	40.6	133.9	42 700*	47.5	139.5	53 000*	53.5	142.9	56 000*				80.0
84.0	21.6	111.6	26 600*	26.5	117.9	29 600*	36.0	128.6	40 100*	43.5	135.4	48 700*	49.9	139.7	55 700*				84.0
88.0	11.0	96.9	25 700*	18.9	107.8	28 800*	30.8	122.3	37 400*	39.2	130.7	44 600*	46.1	135.9	51 600*				88.0
92.0							24.6	114.3	33 800*	34.4	125.2	40 500*	42.0	131.6	47 500*	48.4	135.4	52 500*	92.0
96.0							16.1	102.9	30 600*	29.0	118.4	36 700*	37.5	126.7	43 400*	44.4	131.5	49 500*	96.0
100.0										22.3	109.7	33 200*	32.6	120.7	39 500*	40.2	126.9	45 700*	100.0
104.0										12.3	96.0	30 100*	26.8	113.4	35 800*	35.6	121.6	41 900*	104.0
108.0													19.3	103.5	32 400*	30.3	115.2	38 100*	108.0
112.0																24.0	107.1	34 600*	112.0
116.0																15.3	95.2	31 400*	116.0

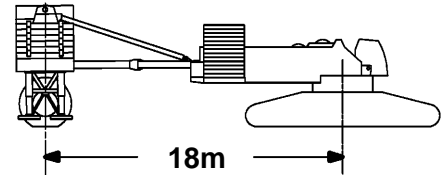


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	48 200*				80.0
84.0	30.3	126.0	23 900*	33.7	130.4	27 200*	41.2	138.6	34 700*	47.6	144.1	41 900*	53.2	147.6	48 000*				84.0
88.0	24.4	117.9	22 300*	28.6	123.5	24 500*	37.0	133.5	31 000*	43.9	140.1	37 800*	49.8	144.3	44 300*				88.0
92.0	16.7	106.7	19 400*	22.3	114.7	21 400*	32.4	127.5	27 500*	39.9	135.5	33 900*	46.3	140.6	40 500*	51.8	143.5	44 600*	92.0
96.0				13.4	101.6	18 700*	27.0	120.2	24 200*	35.6	130.1	30 300*	42.5	136.3	36 600*	48.4	140.1	42 100*	96.0
100.0							20.2	110.6	21 100*	30.7	123.8	26 800*	38.4	131.5	32 800*	44.8	136.1	38 600*	100.0
104.0										25.0	115.9	23 500*	34.0	125.8	29 200*	40.9	131.7	35 000*	104.0
108.0										17.6	105.1	20 600*	28.8	119.0	25 800*	36.7	126.5	31 300*	108.0
112.0													22.6	110.4	22 700*	31.9	120.4	27 900*	112.0
116.0													13.9	97.6	19 800*	26.5	113.0	24 600*	116.0
120.0																19.6	103.1	21 600*	120.0



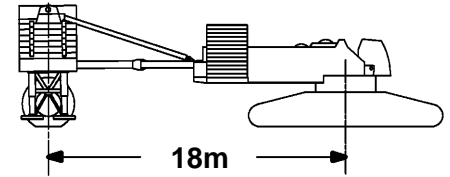


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	34 800*				88.0
92.0	26.7	123.8	13 200*	30.3	128.9	15 100*	37.9	138.4	20 300*	44.2	144.7	25 900*	49.8	148.9	31 400*				92.0
96.0	20.4	114.3	10 700*	24.9	120.9	12 500*	33.7	132.6	17 400*	40.6	140.2	22 700*	46.5	145.2	28 100*	51.6	148.1	32 800*	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	29 700*	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	26 600*	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	23 500*	108.0
112.0										21.0	112.4	11 500*	30.5	124.4	15 800*	37.6	131.4	20 400*	112.0
116.0										12.0	98.1	9 200*	25.2	116.5	13 200*	33.3	125.6	17 600*	116.0
120.0													18.4	106.0	10 800*	28.4	118.6	14 900*	120.0
124.0																22.6	109.9	12 300*	124.0
128.0																14.7	97.4	10 000*	128.0

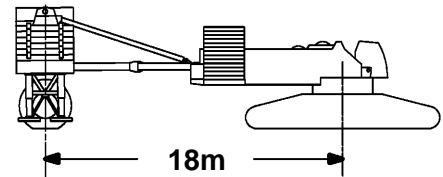


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	166 900*b							40.0
42.0							30.4	100.1	134 400*	54.5	107.2	165 700*							42.0
44.0							19.1	95.1	130 700*	48.9	105.4	161 100*							44.0
46.0										42.8	103.3	154 600*							46.0
48.0										35.7	100.6	148 300*							48.0
50.0										26.8	96.8	142 700*	52.0	104.1	145 100*				50.0
52.0													46.2	102.2	138 800*				52.0
54.0													39.7	99.8	133 000*				54.0
56.0													31.9	96.7	127 600*				56.0
58.0																48.7	100.1	116 000*	58.0
60.0																42.5	97.9	111 500*	60.0
62.0																35.4	95.2	107 300*	62.0
64.0																26.5	91.4	103 200*	64.0

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

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

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

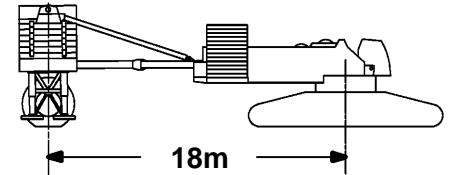


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	147 400*							44.0
46.0							34.7	105.3	114 300*	53.5	111.8	144 400*							46.0
48.0							27.6	101.7	110 100*	48.9	110.1	139 300*							48.0
50.0							17.6	96.2	107 500*	44.0	108.0	133 800*							50.0
52.0										38.5	105.5	128 600*	55.8	110.3	137 800*				52.0
54.0										32.2	102.4	123 500*	51.4	108.7	132 100*				54.0
56.0										24.4	98.3	119 100*	46.7	106.8	126 800*				56.0
58.0													41.6	104.6	121 800*				58.0
60.0													35.8	101.8	117 100*				60.0
62.0													28.9	98.3	112 700*	48.8	104.7	106 300*	62.0
64.0													19.7	93.3	108 500*	43.8	102.6	102 400*	64.0
66.0																38.4	100.1	98 800*	66.0
68.0																32.0	97.0	95 300*	68.0
70.0																24.1	92.8	91 900*	70.0

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

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

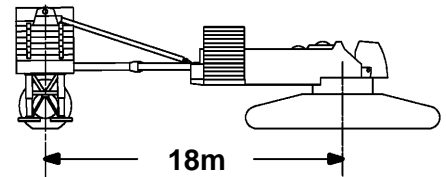


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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>b</b>																19.8
20.0	73.4	126.3	125 400* <b>b</b>																20.0
22.0	70.3	125.6	121 300* <b>b</b>																22.0
24.0	67.1	124.7	116 800* <b>b</b>																24.0
26.0	63.9	123.7	112 000*	68.7	124.9	124 000* <b>b</b>													26.0
28.0	60.6	122.6	107 100*	65.5	124.0	119 500* <b>b</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	129 700*							46.0
48.0				19.8	100.6	80 400*	42.1	112.9	102 400*	56.4	117.9	128 800*							48.0
50.0							37.3	110.3	98 100*	52.8	116.4	125 100*							50.0
52.0							31.9	107.2	94 300*	48.9	114.7	120 800*							52.0
54.0							25.5	103.2	91 100*	44.8	112.6	116 300*							54.0
56.0							16.6	97.3	89 300*	40.4	110.3	111 900*	54.8	114.9	124 800*				56.0
58.0										35.4	107.5	107 600*	51.0	113.3	120 100*				58.0
60.0										29.7	104.1	103 500*	47.1	111.4	115 500*				60.0
62.0										22.6	99.6	100 100*	42.8	109.3	111 200*				62.0
64.0										11.3	92.1	98 000*	38.2	106.7	107 100*	52.6	111.1	100 600*	64.0
66.0													32.9	103.7	103 300*	48.8	109.3	97 000*	66.0
68.0													26.7	99.9	99 600*	44.7	107.3	93 600*	68.0
70.0													18.4	94.5	96 100*	40.2	104.9	90 400*	70.0
72.0																35.3	102.1	87 300*	72.0
74.0																29.5	98.7	84 400*	74.0
76.0																22.4	94.2	81 600*	76.0

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

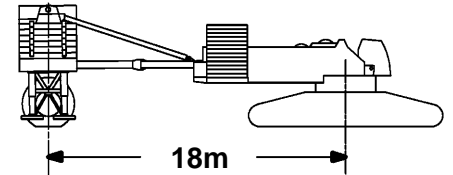


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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>b</b>																21.3
22.0	73.0	132.1	109 800* <b>b</b>																22.0
24.0	70.3	131.4	106 300* <b>b</b>																24.0
26.0	67.6	130.5	102 500*	71.7	131.5	112 500* <b>b</b>													26.0
28.0	64.9	129.6	98 600*	69.0	130.7	109 200* <b>b</b>													28.0
30.0	62.0	128.5	94 500*	66.2	129.8	105 500*													30.0
32.0	59.1	127.3	90 400*	63.4	128.8	101 600*													32.0
34.0	56.0	125.9	86 400*	60.5	127.6	97 600*													34.0
36.0	52.9	124.4	82 500*	57.5	126.3	93 500*													36.0
38.0	49.6	122.7	78 800*	54.4	124.9	89 500*	65.4	128.4	114 800*										38.0
40.0	46.1	120.7	75 300*	51.2	123.3	85 600*	62.5	127.3	111 700*										40.0
42.0	42.4	118.5	72 200*	47.8	121.4	81 800*	59.6	126.2	108 100*										42.0
44.0	38.4	116.0	69 300*	44.2	119.4	78 300*	56.6	124.8	104 400*										44.0
46.0	33.9	113.1	66 900*	40.4	117.1	75 000*	53.5	123.3	100 600*										46.0
48.0	28.8	109.6	64 900*	36.2	114.3	72 100*	50.2	121.7	96 600*	61.5	125.2	115 200*							48.0
50.0	22.7	105.1	63 800*	31.4	111.1	69 600*	46.7	119.8	92 700*	58.5	124.0	115 200*							50.0
52.0				25.9	107.2	67 800*	43.1	117.6	88 900*	55.4	122.6	112 800*							52.0
54.0				18.7	101.8	66 900*	39.1	115.2	85 300*	52.3	121.0	109 500*							54.0
56.0							34.8	112.3	81 900*	48.9	119.3	105 900*							56.0
58.0							29.8	108.9	79 000*	45.4	117.3	102 200*	57.1	121.0	112 400*				58.0
60.0							23.9	104.6	76 600*	41.6	115.0	98 500*	54.0	119.5	112 300*				60.0
62.0							15.8	98.5	75 300*	37.6	112.4	94 800*	50.8	117.9	110 400*				62.0
64.0										33.0	109.4	91 200*	47.3	116.0	106 100*				64.0
66.0										27.8	105.7	88 000*	43.7	113.9	102 300*				66.0
68.0										21.3	101.0	85 200*	39.8	111.6	98 700*				68.0
70.0										11.2	93.2	83 700*	35.5	108.8	95 300*	48.8	113.9	89 200*	70.0
72.0													30.7	105.5	92 100*	45.3	111.9	86 200*	72.0
74.0													25.0	101.4	89 000*	41.5	109.7	83 400*	74.0
76.0													17.5	95.7	86 000*	37.4	107.1	80 600*	76.0
78.0																32.9	104.0	78 000*	78.0
80.0																27.6	100.3	75 500*	80.0

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

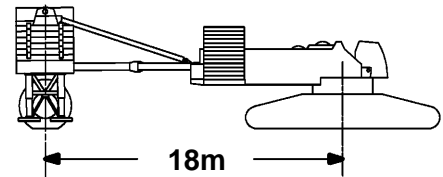


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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 Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Elev. m	Luffing Jib Capacity Kilograms			
22.9	74.1	138.2	97 700* <b>b</b>															22.9	
24.0	72.8	137.9	96 100* <b>b</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>b</b>												28.0	
30.0	65.6	135.4	86 800*	69.2	136.5	96 100*												30.0	
32.0	63.1	134.3	83 300*	66.8	135.6	93 000*												32.0	
34.0	60.5	133.2	79 900*	64.3	134.6	89 900*												34.0	
36.0	57.9	131.9	76 600*	61.8	133.5	86 500*												36.0	
38.0	55.2	130.5	73 300*	59.2	132.3	83 200*												38.0	
40.0	52.4	129.0	70 100*	56.6	131.0	79 800*	66.0	134.2	101 800*									40.0	
42.0	49.5	127.3	67 100*	53.8	129.5	76 500*	63.5	133.2	99 400*									42.0	
44.0	46.5	125.3	64 300*	51.0	127.9	73 200*	61.0	132.1	96 500*									44.0	
46.0	43.2	123.2	61 600*	48.0	126.1	70 200*	58.4	130.8	93 500*									46.0	
48.0	39.8	120.8	59 300*	44.8	124.0	67 200*	55.7	129.5	90 400*									48.0	
50.0	36.0	118.1	57 100*	41.5	121.8	64 500*	52.9	127.9	87 100*									50.0	
52.0	31.9	114.9	55 300*	37.9	119.2	62 100*	50.0	126.2	83 800*	60.1	129.9	101 800*						52.0	
54.0	27.2	111.2	53 900*	34.0	116.3	59 900*	47.0	124.4	80 600*	57.4	128.6	101 100*						54.0	
56.0	21.5	106.4	53 200*	29.6	112.9	58 000*	43.8	122.3	77 400*	54.7	127.2	98 700*						56.0	
58.0				24.4	108.7	56 700*	40.4	119.9	74 400*	51.9	125.6	95 900*						58.0	
60.0				17.8	103.0	56 100*	36.7	117.3	71 500*	48.9	123.9	93 000*						60.0	
62.0							32.7	114.2	68 900*	45.9	121.9	89 900*	56.2	125.6	98 900*			62.0	
64.0							28.1	110.6	66 600*	42.6	119.7	86 800*	53.4	124.1	98 900*			64.0	
66.0							22.6	106.0	64 800*	39.1	117.3	83 600*	50.6	122.5	98 800*			66.0	
68.0							15.1	99.6	63 900*	35.3	114.5	80 600*	47.6	120.6	97 300*			68.0	
70.0										31.1	111.2	77 800*	44.4	118.6	93 600*			70.0	
72.0										26.2	107.3	75 200*	41.0	116.3	90 500*	51.8	120.2	84 300*	72.0
74.0										20.2	102.2	73 000*	37.4	113.7	87 500*	48.8	118.5	81 500*	74.0
76.0										11.0	94.2	71 700*	33.4	110.7	84 600*	45.8	116.5	78 900*	76.0
78.0													28.9	107.2	81 900*	42.5	114.4	76 300*	78.0
80.0													23.6	102.8	79 200*	39.0	111.9	73 900*	80.0
84.0																30.9	105.8	69 300*	84.0
88.0																20.0	96.7	65 100*	88.0

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

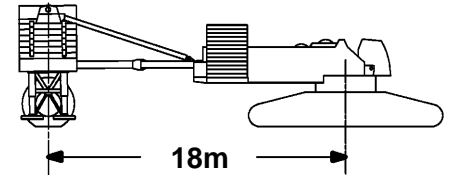


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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	89 600*							56.0
58.0	30.3	116.7	46 500*	35.9	121.3	52 100*	47.2	129.0	70 700*	56.6	133.3	88 900*							58.0
60.0	25.8	112.7	45 500*	32.2	118.2	50 400*	44.4	126.9	68 100*	54.1	131.8	86 800*							60.0
62.0	20.5	107.7	45 100*	28.1	114.5	49 100*	41.4	124.7	65 500*	51.6	130.2	84 500*							62.0
64.0	13.0	100.4	45 500*	23.3	110.1	48 100*	38.2	122.2	63 100*	48.9	128.5	82 100*	57.8	131.6	86 600*				64.0
66.0				17.1	104.2	47 700*	34.8	119.3	60 800*	46.2	126.5	79 600*	55.4	130.3	86 600*				66.0
68.0							31.0	116.0	58 800*	43.3	124.4	77 000*	53.0	128.7	86 600*				68.0
70.0							26.7	112.2	57 000*	40.3	122.1	74 400*	50.4	127.1	86 600*				70.0
72.0							21.6	107.4	55 600*	37.0	119.4	71 800*	47.7	125.2	86 600*				72.0
74.0							14.7	100.7	54 900*	33.4	116.4	69 400*	44.9	123.2	85 900*				74.0
76.0										29.5	113.0	67 100*	41.9	121.0	83 600*				76.0
78.0										24.9	108.8	65 000*	38.8	118.5	80 800*	48.9	123.1	75 000*	78.0
80.0										19.3	103.5	63 200*	35.4	115.7	78 200*	46.1	121.2	72 600*	80.0
84.0													27.5	108.8	73 400*	40.2	116.7	68 200*	84.0
88.0													16.1	98.0	69 000*	33.3	111.0	64 100*	88.0
92.0																24.8	103.4	60 300*	92.0
96.0																10.5	89.6	56 600*	96.0

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

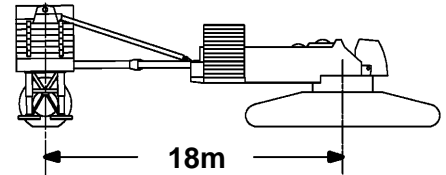


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	79 100*							60.0
62.0	32.5	122.0	40 200*	37.3	126.2	45 400*	47.4	133.6	62 000*	55.9	137.9	78 300*							62.0
64.0	28.9	118.4	39 200*	34.2	123.3	43 900*	44.9	131.6	59 800*	53.6	136.4	76 400*							64.0
66.0	24.7	114.2	38 500*	30.7	120.0	42 600*	42.2	129.4	57 700*	51.3	134.8	74 500*							66.0
68.0	19.7	109.0	38 200*	26.8	116.1	41 600*	39.4	126.9	55 600*	49.0	133.1	72 500*							68.0
70.0	12.7	101.5	38 600*	22.3	111.5	40 900*	36.4	124.3	53 700*	46.5	131.1	70 400*	54.8	134.9	76 700*				70.0
72.0				16.5	105.3	40 700*	33.1	121.2	51 800*	43.9	129.1	68 300*	52.6	133.4	76 700*				72.0
74.0							29.6	117.8	50 200*	41.2	126.8	66 100*	50.3	131.7	76 700*				74.0
76.0							25.5	113.7	48 800*	38.3	124.3	64 000*	47.8	129.9	76 700*				76.0
78.0							20.7	108.7	47 800*	35.2	121.5	61 900*	45.3	127.9	76 600*				78.0
80.0							14.3	101.8	47 300*	31.9	118.3	59 900*	42.7	125.7	75 400*	51.3	129.4	70 800*	80.0
84.0										23.8	110.3	56 300*	36.9	120.7	71 400*	46.4	125.8	66 400*	84.0
88.0										10.9	96.4	52 400*	30.2	114.3	67 300*	41.1	121.4	62 400*	88.0
92.0													21.6	105.6	61 700*	35.1	116.1	58 600*	92.0
96.0																28.0	109.2	55 200*	96.0
100.0																18.4	99.2	51 900*	100.0



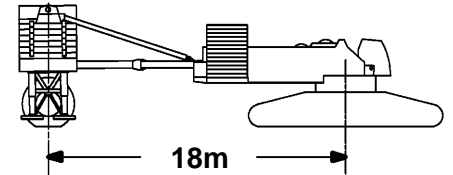


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	69 100*							66.0
68.0	31.1	123.8	34 100*	35.7	128.3	38 500*	45.2	136.2	52 800*	53.2	141.0	67 600*							68.0
70.0	27.7	120.1	33 300*	32.7	125.2	37 300*	42.8	134.1	51 000*	51.1	139.4	66 100*							70.0
72.0	23.8	115.7	32 800*	29.4	121.7	36 400*	40.3	131.7	49 300*	49.0	137.7	64 400*	56.4	140.9	67 400*				72.0
74.0	19.0	110.2	32 600*	25.7	117.7	35 600*	37.7	129.1	47 600*	46.7	135.8	62 600*	54.3	139.5	67 400*				74.0
76.0	12.5	102.6	33 100*	21.5	112.8	35 100*	34.8	126.3	46 100*	44.4	133.7	60 900*	52.3	137.9	67 400*				76.0
78.0				16.0	106.5	35 000*	31.7	123.1	44 700*	41.9	131.5	59 000*	50.1	136.3	67 400*				78.0
80.0							28.3	119.4	43 300*	39.4	129.1	57 200*	47.9	134.5	67 400*				80.0
84.0							19.9	110.0	41 400*	33.7	123.4	53 700*	43.3	130.4	67 200*	51.1	134.1	63 500*	84.0
88.0										27.0	116.2	50 500*	38.1	125.5	64 200*	46.6	130.4	61 100*	88.0
92.0										18.0	106.0	48 100*	32.3	119.6	60 700*	41.8	126.1	57 400*	92.0
96.0													25.2	111.9	55 300*	36.5	121.0	54 000*	96.0
100.0													15.1	100.3	50 000*	30.4	114.7	50 900*	100.0
104.0																22.8	106.2	47 900*	104.0
108.0																10.5	91.7	45 100*	108.0

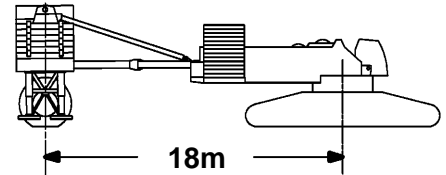


# Liftcrane Luffing Jib Capacities

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  
 390 090 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	59 600*							72.0
74.0	29.9	125.6	28 900*	34.3	130.3	32 700*	43.4	138.7	45 100*	51.0	144.0	58 300*							74.0
76.0	26.7	121.7	28 300*	31.4	127.0	31 800*	41.1	136.4	43 600*	49.0	142.3	57 000*	55.8	145.6	58 700*				76.0
78.0	22.9	117.1	27 900*	28.3	123.4	31 000*	38.7	133.9	42 200*	46.9	140.4	55 500*	53.9	144.1	58 700*				78.0
80.0	18.4	111.5	27 900*	24.8	119.2	30 400*	36.1	131.2	40 800*	44.8	138.4	54 100*	52.0	142.6	58 700*				80.0
84.0				15.6	107.7	30 100*	30.5	124.9	38 500*	40.2	133.8	51 000*	48.0	139.1	58 700*				84.0
88.0							23.6	116.7	36 600*	35.2	128.4	48 100*	43.8	135.0	58 700*	50.9	138.6	55 600*	88.0
92.0							13.6	104.0	35 400*	29.3	121.8	45 300*	39.1	130.3	55 700*	46.8	135.0	55 300*	92.0
96.0										22.1	113.1	43 000*	33.9	124.7	51 600*	42.5	130.8	52 300*	96.0
100.0										10.7	98.5	38 200*	27.9	117.7	47 600*	37.7	125.9	49 200*	100.0
104.0													20.1	108.2	43 700*	32.3	119.9	46 400*	104.0
108.0																25.9	112.4	43 700*	108.0
112.0																17.3	101.7	41 100*	112.0

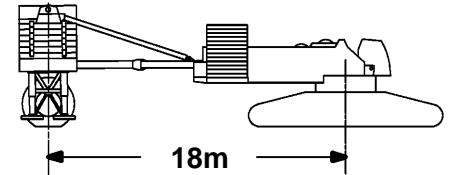


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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	51 700*	57.0	151.6	51 100*				78.0
80.0	28.9	127.3	24 600*	33.0	132.2	27 900*	41.7	141.1	38 700*	49.0	146.9	50 600*	55.3	150.2	51 100*				80.0
84.0	22.2	118.5	23 900*	27.3	125.0	26 600*	37.2	136.1	36 400*	45.1	143.0	48 100*	51.8	147.2	51 100*				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	45 500*	48.1	143.7	51 100*				88.0
92.0							26.3	122.7	32 500*	36.4	133.4	41 700*	44.2	139.7	48 900*	50.8	143.2	47 800*	92.0
96.0							18.8	112.5	31 200*	31.2	127.2	38 000*	39.9	135.1	45 000*	47.0	139.6	47 800*	96.0
100.0										25.1	119.3	34 400*	35.2	129.7	41 200*	43.0	135.5	47 200*	100.0
104.0										17.0	108.4	31 100*	29.9	123.2	37 500*	38.6	130.7	43 900*	104.0
108.0													23.5	114.9	34 000*	33.8	125.0	40 200*	108.0
112.0													14.5	102.5	30 800*	28.2	118.1	36 700*	112.0
116.0																21.3	109.0	33 300*	116.0
120.0																10.4	93.9	30 300*	120.0

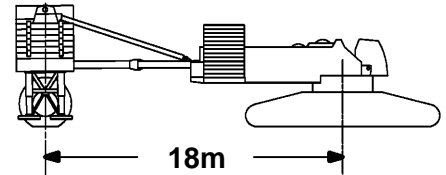


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	44 100*				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	44 100*				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	41 800*				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	38 200*	50.6	147.9	41 300*	96.0
100.0							22.2	119.5	21 800*	32.7	132.3	28 000*	40.6	139.8	34 500*	47.1	144.2	40 200*	100.0
104.0							13.2	106.2	19 000*	27.4	125.2	24 700*	36.4	134.6	30 900*	43.4	140.1	36 800*	104.0
108.0										20.8	115.8	21 600*	31.6	128.5	27 400*	39.4	135.4	33 300*	108.0
112.0										10.7	100.7	18 900*	26.1	120.9	24 200*	35.1	130.0	29 900*	112.0
116.0													19.0	110.8	21 200*	30.1	123.5	26 600*	116.0
120.0																24.2	115.4	23 500*	120.0
124.0																16.4	104.0	20 600*	124.0

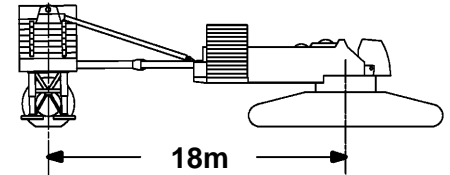


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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			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	74.7	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	37 400*				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	35 900*				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	32 700*				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	29 500*				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	26 300*	50.5	152.4	31 200*	100.0
104.0							24.8	125.7	12 700*	34.0	137.4	17 800*	41.2	144.5	23 200*	47.3	148.8	28 200*	104.0
108.0							17.8	115.0	10 300*	29.3	130.7	15 000*	37.3	139.5	20 200*	43.8	144.8	25 200*	108.0
112.0										23.7	122.3	12 400*	33.0	133.6	17 300*	40.1	140.2	22 300*	112.0
116.0										16.2	110.7	10 100*	28.1	126.6	14 500*	36.1	134.9	19 300*	116.0
120.0													22.2	117.7	12 000*	31.7	128.8	16 500*	120.0
124.0													13.9	104.7	9 700*	26.5	121.3	13 900*	124.0
128.0																20.2	111.6	11 500*	128.0
132.0																10.4	96.0	9 300*	132.0

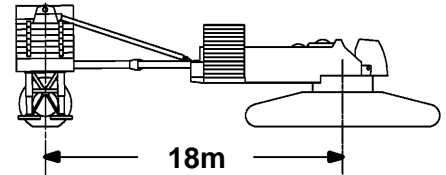


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	73.5	120.8	140 800*d																16.8
18.0	70.7	120.3	140 000*c																18.0
20.0	66.1	119.4	137 600*b																20.0
22.0	61.4	118.3	131 900*b	68.9	119.7	141 600*c													22.0
24.0	56.3	116.9	126 200*b	64.2	118.7	139 300*b													24.0
26.0	50.9	115.2	120 600*	59.3	117.5	134 100*b													26.0
28.0	45.0	113.2	115 300*	54.2	116.0	128 400*b													28.0
30.0	38.3	110.7	110 700*	48.6	114.2	122 800*													30.0
32.0	30.2	107.4	107 300*	42.4	112.0	117 600*	64.0	117.5	143 700*b										32.0
34.0				35.2	109.2	113 200*	59.1	116.3	141 900*b										34.0
36.0				26.3	105.4	110 100*	53.9	114.8	138 300*										36.0
38.0				10.3	98.1	109 800*	48.3	113.0	132 600*										38.0
40.0							42.1	110.8	127 200*										40.0
42.0							34.9	108.0	122 400*	58.6	114.3	144 600*b							42.0
44.0							25.8	104.1	118 500*	53.3	112.8	143 100*							44.0
46.0										47.7	110.9	140 600*							46.0
48.0										41.4	108.7	135 400*							48.0
50.0										34.0	105.8	130 300*							50.0
52.0										24.6	101.7	126 100*	52.2	109.9	135 200*				52.0
54.0										46.4	108.0	129 600*							54.0
56.0										40.0	105.6	124 300*							56.0
58.0										32.3	102.6	119 300*							58.0
60.0										22.1	98.1	114 600*	50.4	106.2	107 700*				60.0
62.0													44.4	104.1	103 600*				62.0
64.0													37.6	101.6	99 800*				64.0
66.0													29.4	98.1	96 100*				66.0
68.0													17.3	92.7	92 400*				68.0

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

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

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

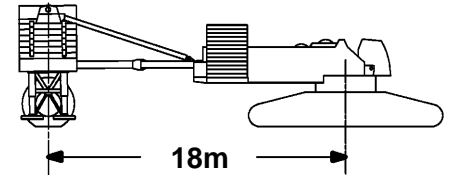


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	127 400*							46.0
48.0							31.5	109.8	100 900*	52.5	117.3	126 400*							48.0
50.0							23.5	105.5	98 000*	47.9	115.5	121 900*							50.0
52.0										42.9	113.4	117 500*							52.0
54.0										37.3	110.8	113 300*	56.0	116.1	126 400*				54.0
56.0										30.8	107.5	109 200*	51.6	114.5	123 700*				56.0
58.0										22.4	103.1	105 900*	46.9	112.6	118 500*				58.0
60.0													41.8	110.4	114 000*				60.0
62.0													36.1	107.7	109 700*				62.0
64.0													29.2	104.2	105 600*	50.1	110.7	98 700*	64.0
66.0													20.2	99.3	101 700*	45.3	108.8	95 200*	66.0
68.0																40.0	106.4	91 800*	68.0
70.0																34.0	103.5	88 700*	70.0
72.0																26.6	99.7	85 600*	72.0
74.0																16.0	93.8	82 500*	74.0

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

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

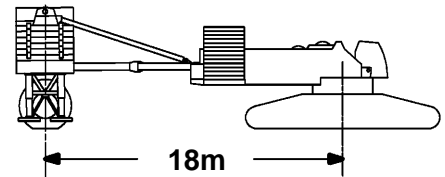


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.1	132.6	112 100*c																19.8
20.0	73.8	132.5	111 800*c																20.0
22.0	70.8	131.8	108 500*b																22.0
24.0	67.6	131.0	104 700*b																24.0
26.0	64.4	130.0	100 700*	69.5	131.2	111 000*b													26.0
28.0	61.1	128.9	96 700*	66.3	130.3	107 400*b													28.0
30.0	57.7	127.6	92 600*	63.1	129.3	103 500*													30.0
32.0	54.1	126.1	88 500*	59.7	128.1	99 500*													32.0
34.0	50.3	124.4	84 700*	56.2	126.7	95 400*													34.0
36.0	46.3	122.5	81 000*	52.6	125.2	91 400*	66.2	129.1	114 400*										36.0
38.0	42.0	120.3	77 700*	48.7	123.4	87 500*	62.9	128.1	112 500*										38.0
40.0	37.2	117.7	74 800*	44.6	121.4	83 800*	59.6	126.9	109 100*										40.0
42.0	31.8	114.5	72 500*	40.1	119.0	80 500*	56.1	125.5	105 300*										42.0
44.0	25.3	110.5	70 900*	35.1	116.2	77 500*	52.4	124.0	101 400*										44.0
46.0				29.4	112.8	75 100*	48.5	122.2	97 600*										46.0
48.0				22.2	108.2	73 700*	44.4	120.1	93 800*	59.2	124.9	114 100*							48.0
50.0				10.3	100.2	74 600*	39.9	117.8	90 100*	55.7	123.5	112 700*							50.0
52.0							34.9	114.9	86 700*	52.0	121.9	109 800*							52.0
54.0							29.1	111.4	83 800*	48.1	120.1	106 200*							54.0
56.0							21.8	106.8	81 700*	43.9	118.1	102 500*							56.0
58.0										39.4	115.6	98 900*	54.9	120.7	111 600*				58.0
60.0										34.3	112.7	95 300*	51.2	119.1	111 300*				60.0
62.0										28.4	109.2	92 100*	47.3	117.2	108 200*				62.0
64.0										20.8	104.3	89 500*	43.0	115.1	104 100*				64.0
66.0													38.4	112.6	100 300*				66.0
68.0													33.2	109.6	96 800*	49.9	115.3	90 000*	68.0
70.0													27.0	105.8	93 400*	45.9	113.4	86 900*	70.0
72.0													18.9	100.6	90 200*	41.5	111.2	84 000*	72.0
74.0																36.7	108.5	81 200*	74.0
76.0																31.3	105.3	78 500*	76.0
78.0																24.6	101.2	75 900*	78.0
80.0																15.2	94.9	73 300*	80.0

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

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



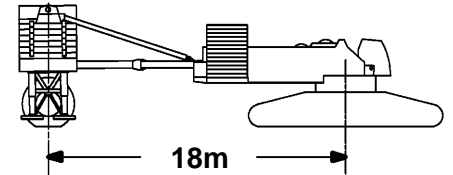


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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	101 500*							50.0
52.0				27.4	114.4	62 500*	45.0	124.8	81 500*	57.9	129.6	101 200*							52.0
54.0				20.8	109.5	61 500*	41.3	122.5	78 400*	54.8	128.1	99 300*							54.0
56.0				10.3	101.3	62 400*	37.1	119.9	75 500*	51.6	126.5	96 400*							56.0
58.0							32.5	116.8	72 900*	48.2	124.7	93 400*							58.0
60.0							27.2	113.1	70 600*	44.6	122.7	90 300*							60.0
62.0							20.5	108.1	69 100*	40.8	120.4	87 200*	54.1	125.3	99 300*				62.0
64.0							9.4	99.5	68 900*	36.6	117.7	84 100*	50.9	123.7	99 300*				64.0
66.0										32.0	114.6	81 200*	47.5	121.8	98 700*				66.0
68.0										26.5	110.7	78 700*	43.9	119.8	95 900*				68.0
70.0										19.6	105.6	76 500*	40.0	117.4	92 500*				70.0
72.0													35.7	114.6	89 300*	49.8	119.9	82 700*	72.0
74.0													30.9	111.4	86 400*	46.3	118.0	80 000*	74.0
76.0													25.3	107.3	83 500*	42.6	115.9	77 400*	76.0
78.0													17.8	101.7	80 700*	38.6	113.4	74 900*	78.0
80.0																34.2	110.5	72 500*	80.0
84.0																23.1	102.6	68 000*	84.0

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

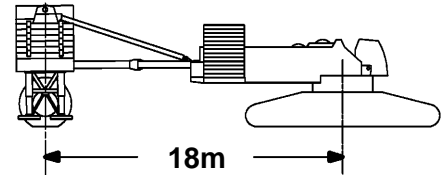


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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 Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.5	144.4	87 300* <b>b</b>																22.9
24.0	73.1	144.1	86 000* <b>b</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>b</b>													28.0
30.0	66.0	141.6	78 200*	69.8	142.7	86 300*													30.0
32.0	63.5	140.6	75 300*	67.4	141.9	83 700*													32.0
34.0	61.0	139.5	72 500*	65.0	140.9	81 100*													34.0
36.0	58.4	138.2	69 600*	62.5	139.9	78 300*													36.0
38.0	55.7	136.9	66 800*	59.9	138.7	75 400*													38.0
40.0	52.9	135.3	64 000*	57.3	137.4	72 600*	67.3	140.7	89 900*										40.0
42.0	50.0	133.6	61 400*	54.5	136.0	69 700*	64.9	139.8	89 200*										42.0
44.0	47.0	131.8	59 000*	51.7	134.4	67 000*	62.4	138.7	86 800*										44.0
46.0	43.8	129.7	56 700*	48.8	132.6	64 300*	59.8	137.5	84 400*										46.0
48.0	40.4	127.3	54 600*	45.7	130.7	61 800*	57.1	136.2	81 800*										48.0
50.0	36.7	124.7	52 700*	42.4	128.5	59 400*	54.4	134.8	79 100*										50.0
52.0	32.6	121.6	51 100*	38.9	126.0	57 200*	51.6	133.2	76 400*	62.1	136.7	89 100*							52.0
54.0	28.0	117.9	49 900*	35.1	123.2	55 300*	48.6	131.4	73 700*	59.5	135.5	89 100*							54.0
56.0	22.5	113.3	49 100*	30.8	119.9	53 600*	45.5	129.4	71 000*	56.9	134.2	88 700*							56.0
58.0				25.9	115.9	52 300*	42.3	127.2	68 400*	54.1	132.8	86 800*							58.0
60.0				19.8	110.8	51 700*	38.7	124.7	65 900*	51.3	131.1	84 400*							60.0
62.0				10.2	102.4	52 500*	34.9	121.9	63 600*	48.3	129.4	81 900*							62.0
64.0							30.6	118.6	61 600*	45.2	127.4	79 300*	56.3	131.4	87 300*				64.0
66.0							25.7	114.6	59 800*	41.9	125.1	76 800*	53.5	129.9	87 300*				66.0
68.0							19.5	109.4	58 600*	38.3	122.6	74 200*	50.7	128.3	87 300*				68.0
70.0							9.6	100.6	58 600*	34.4	119.7	71 700*	47.7	126.4	87 300*				70.0
72.0										30.1	116.4	69 400*	44.5	124.4	86 000*				72.0
74.0										25.1	112.2	67 300*	41.2	122.1	83 700*				74.0
76.0										18.7	106.8	65 700*	37.6	119.6	81 300*	49.7	124.5	75 500*	76.0
78.0													33.6	116.6	78 900*	46.7	122.7	73 100*	78.0
80.0													29.1	113.1	76 500*	43.4	120.5	70 700*	80.0
84.0													17.0	102.9	71 900*	36.3	115.5	66 400*	84.0
88.0																27.5	108.6	62 300*	88.0
92.0																14.0	97.1	58 500*	92.0

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

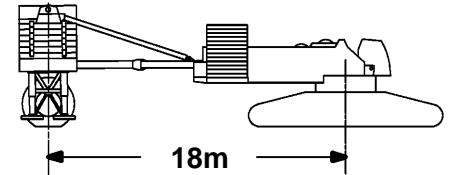


# Liftcrane Luffing Jib Capacities

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  
390 090 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	78 500*							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	76 600*							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	74 600*							64.0
66.0				18.9	112.0	43 900*	36.6	126.9	56 000*	48.4	133.9	72 600*							66.0
68.0				10.2	103.5	44 700*	33.1	123.8	54 200*	45.6	132.0	70 400*	55.5	136.1	77 500*				68.0
70.0							29.0	120.3	52 600*	42.7	129.8	68 200*	53.1	134.5	77 500*				70.0
72.0							24.4	116.1	51 300*	39.6	127.4	66 000*	50.5	132.9	77 500*				72.0
74.0							18.6	110.6	50 400*	36.3	124.7	63 900*	47.8	131.1	77 500*				74.0
76.0							9.6	101.7	50 400*	32.6	121.6	61 900*	45.0	129.1	76 700*				76.0
78.0										28.6	118.0	60 000*	42.1	126.8	74 900*	52.2	130.9	71 800*	78.0
80.0										23.8	113.7	58 300*	38.9	124.4	72 900*	49.6	129.1	69 400*	80.0
84.0													31.8	118.4	68 800*	44.1	125.2	65 100*	84.0
88.0													22.8	110.2	65 000*	37.9	120.3	61 200*	88.0
92.0																30.5	114.1	57 600*	92.0
96.0																20.9	105.2	54 100*	96.0

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

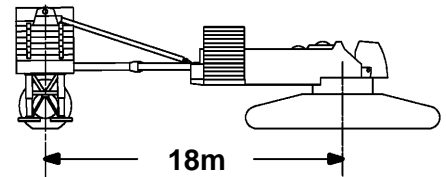


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	67 500*							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	65 800*							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	64 100*							70.0
72.0				18.2	113.3	37 300*	34.9	128.9	47 700*	45.9	136.6	62 300*	54.9	140.7	68 400*				72.0
74.0				10.2	104.6	38 000*	31.5	125.7	46 300*	43.3	134.5	60 400*	52.7	139.1	68 400*				74.0
76.0							27.7	121.9	45 000*	40.6	132.2	58 600*	50.4	137.5	68 400*				76.0
78.0							23.4	117.5	44 000*	37.7	129.6	56 800*	47.9	135.7	68 400*				78.0
80.0							18.0	111.8	43 300*	34.5	126.7	55 000*	45.4	133.7	68 000*				80.0
84.0										27.3	119.7	51 800*	40.0	129.1	65 100*	49.6	133.7	63 300*	84.0
88.0										17.3	109.2	49 500*	33.9	123.6	61 700*	44.6	129.8	59 400*	88.0
92.0													26.4	116.3	58 300*	39.1	125.2	55 800*	92.0
96.0													15.9	105.2	55 600*	32.7	119.4	52 500*	96.0
100.0																25.0	111.7	49 500*	100.0
104.0																13.3	99.3	46 500*	104.0

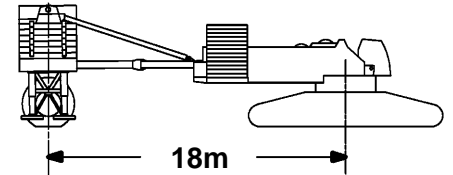


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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	56 900*	56.4	146.7	60 300*				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	55 400*	54.4	145.3	60 300*				76.0
78.0				17.6	114.5	32 000*	33.4	130.8	41 000*	43.9	139.2	53 800*	52.4	143.7	60 300*				78.0
80.0				10.2	105.6	32 700*	30.2	127.4	39 800*	41.4	136.9	52 300*	50.2	142.1	60 300*				80.0
84.0							22.5	118.9	38 000*	36.0	131.7	49 300*	45.7	138.3	60 300*				84.0
88.0							9.7	103.9	37 700*	29.8	125.2	46 500*	40.9	133.9	58 400*	49.5	138.3	57 600*	88.0
92.0										22.0	116.5	44 100*	35.4	128.6	55 600*	45.0	134.5	54 600*	92.0
96.0										8.4	100.5	43 000*	29.1	121.9	52 700*	40.0	129.9	51 300*	96.0
100.0													21.0	112.9	50 100*	34.5	124.4	48 300*	100.0
104.0																27.9	117.5	45 500*	104.0
108.0																19.4	107.8	42 800*	108.0

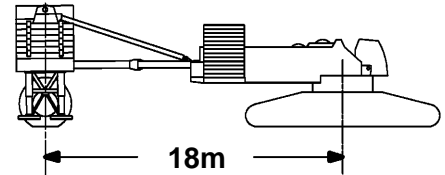


# Liftcrane Luffing Jib Capacities

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  
 390 090 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, 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	74.8	168.0	53 600*																29.0
30.0	74.0	167.7	53 000*																30.0
32.0	72.4	167.1	51 800*																32.0
34.0	70.8	166.4	50 500*																34.0
36.0	69.2	165.6	49 200*	71.8	166.5	53 900*													36.0
38.0	67.6	164.8	47 800*	70.2	165.8	52 800*													38.0
40.0	65.9	163.9	46 400*	68.5	165.0	51 600*													40.0
42.0	64.2	162.9	44 900*	66.9	164.1	50 300*													42.0
44.0	62.5	161.8	43 500*	65.2	163.2	48 900*													44.0
46.0	60.8	160.7	42 000*	63.6	162.2	47 500*													46.0
48.0	59.1	159.5	40 500*	61.8	161.1	46 100*													48.0
50.0	57.3	158.2	39 100*	60.1	159.9	44 700*	66.8	162.9	55 900*										50.0
52.0	55.4	156.8	37 700*	58.3	158.7	43 200*	65.2	162.0	55 000*										52.0
54.0	53.6	155.3	36 400*	56.5	157.4	41 800*	63.5	161.0	54 000*										54.0
56.0	51.6	153.7	35 100*	54.7	155.9	40 400*	61.8	159.9	52 900*										56.0
58.0	49.7	152.0	33 800*	52.8	154.4	39 000*	60.0	158.7	51 600*										58.0
60.0	47.6	150.2	32 600*	50.8	152.8	37 600*	58.3	157.5	50 400*										60.0
62.0	45.5	148.2	31 500*	48.8	151.0	36 300*	56.4	156.2	49 100*										62.0
64.0	43.3	146.1	30 400*	46.8	149.1	35 100*	54.6	154.7	47 800*	61.6	157.9	55 100*							64.0
66.0	41.0	143.8	29 400*	44.6	147.1	33 900*	52.7	153.2	46 400*	59.8	156.8	55 100*							66.0
68.0	38.6	141.3	28 500*	42.4	144.9	32 700*	50.8	151.6	45 000*	58.1	155.5	55 100*							68.0
70.0	36.1	138.6	27 700*	40.1	142.6	31 700*	48.8	149.8	43 700*	56.2	154.2	54 700*							70.0
72.0	33.4	135.6	26 900*	37.6	140.0	30 700*	46.7	147.9	42 300*	54.4	152.7	53 700*							72.0
74.0	30.4	132.2	26 300*	35.0	137.1	29 800*	44.5	145.9	41 000*	52.5	151.2	52 700*							74.0
76.0	27.2	128.4	25 800*	32.2	134.0	29 000*	42.3	143.7	39 700*	50.5	149.5	51 500*							76.0
78.0	23.6	124.0	25 500*	29.2	130.5	28 300*	40.0	141.3	38 500*	48.5	147.8	50 300*	55.9	151.4	52 800*				78.0
80.0	19.2	118.6	25 400*	25.8	126.4	27 800*	37.5	138.7	37 300*	46.5	145.9	49 000*	54.0	149.9	52 800*				80.0
84.0				17.1	115.7	27 400*	32.1	132.7	35 200*	42.1	141.6	46 400*	50.1	146.7	52 800*				84.0
88.0							25.6	125.1	33 400*	37.2	136.6	43 900*	46.0	142.9	52 800*				88.0
92.0							16.9	114.2	32 500*	31.8	130.5	41 500*	41.6	138.6	52 100*	49.5	142.9	50 600*	92.0
96.0										25.2	122.8	39 300*	36.7	133.5	49 800*	45.3	139.1	49 500*	96.0
100.0										16.3	111.6	37 900*	31.2	127.3	47 400*	40.8	134.7	46 600*	100.0
104.0													24.5	119.3	45 000*	35.8	129.4	43 800*	104.0
108.0													15.0	107.5	41 800*	30.2	123.0	41 300*	108.0
112.0																23.2	114.6	38 800*	112.0
116.0																12.8	101.4	36 400*	116.0

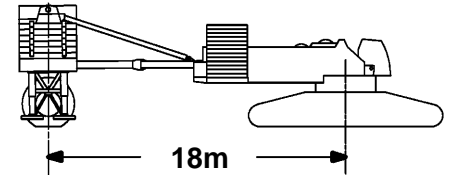


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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, 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	74.9	173.9	47 400*																30.5
32.0	73.7	173.5	46 600*																32.0
34.0	72.3	172.8	45 600*																34.0
36.0	70.8	172.1	44 500*																36.0
38.0	69.3	171.4	43 400*	71.7	172.3	47 600*													38.0
40.0	67.8	170.5	42 200*	70.2	171.6	46 700*													40.0
42.0	66.3	169.6	41 000*	68.7	170.8	45 600*													42.0
44.0	64.7	168.7	39 800*	67.2	169.9	44 600*													44.0
46.0	63.2	167.7	38 600*	65.7	169.0	43 400*													46.0
48.0	61.6	166.6	37 400*	64.1	168.0	42 200*													48.0
50.0	60.0	165.4	36 100*	62.5	167.0	41 100*													50.0
52.0	58.3	164.2	34 900*	60.9	165.9	39 800*	67.1	168.7	49 600*										52.0
54.0	56.7	162.9	33 700*	59.3	164.6	38 600*	65.6	167.8	48 900*										54.0
56.0	55.0	161.4	32 500*	57.7	163.4	37 400*	64.0	166.8	48 100*										56.0
58.0	53.2	159.9	31 400*	56.0	162.0	36 200*	62.5	165.8	47 200*										58.0
60.0	51.4	158.3	30 300*	54.3	160.6	35 000*	60.9	164.6	46 200*										60.0
62.0	49.6	156.6	29 200*	52.5	159.0	33 800*	59.2	163.4	45 200*										62.0
64.0	47.7	154.8	28 200*	50.7	157.4	32 700*	57.6	162.2	44 100*										64.0
66.0	45.8	152.9	27 300*	48.9	155.6	31 600*	55.9	160.8	43 100*	62.3	163.8	48 600*							66.0
68.0	43.8	150.8	26 300*	46.9	153.8	30 500*	54.2	159.4	41 900*	60.7	162.7	48 600*							68.0
70.0	41.7	148.5	25 500*	45.0	151.7	29 500*	52.4	157.8	40 700*	59.1	161.5	48 600*							70.0
72.0	39.5	146.1	24 700*	42.9	149.6	28 500*	50.6	156.2	39 600*	57.4	160.2	48 600*							72.0
74.0	37.2	143.5	24 000*	40.8	147.3	27 600*	48.8	154.4	38 500*	55.7	158.8	48 300*							74.0
76.0	34.8	140.6	23 300*	38.6	144.8	26 800*	46.9	152.5	37 300*	54.0	157.4	47 400*							76.0
78.0	32.2	137.5	22 700*	36.2	142.1	26 000*	44.9	150.5	36 200*	52.2	155.8	46 500*							78.0
80.0	29.4	134.0	22 300*	33.7	139.1	25 300*	42.8	148.4	35 100*	50.4	154.1	45 600*	57.1	157.4	46 200*				80.0
84.0	22.8	125.4	21 700*	28.2	132.2	24 100*	38.5	143.5	33 000*	46.6	150.5	43 500*	53.6	154.5	46 200*				84.0
88.0	13.3	112.3	22 000*	21.2	123.0	23 500*	33.6	137.8	31 200*	42.6	146.3	41 400*	50.0	151.3	46 200*				88.0
92.0				10.2	107.8	23 600*	28.0	130.8	29 600*	38.2	141.4	39 200*	46.2	147.6	46 200*				92.0
96.0							21.0	121.6	28 500*	33.3	135.6	37 200*	42.2	143.3	46 200*	49.4	147.5	43 700*	96.0
100.0							9.8	106.1	27 600*	27.7	128.6	35 200*	37.7	138.4	42 600*	45.6	143.7	43 700*	100.0
104.0										20.6	119.2	32 200*	32.8	132.5	39 000*	41.5	139.4	42 500*	104.0
108.0										8.8	102.7	29 300*	27.0	125.2	35 500*	37.0	134.3	40 000*	108.0
112.0													19.7	115.5	32 300*	31.9	128.2	37 600*	112.0
116.0																26.0	120.7	35 200*	116.0
120.0																18.2	110.3	32 100*	120.0

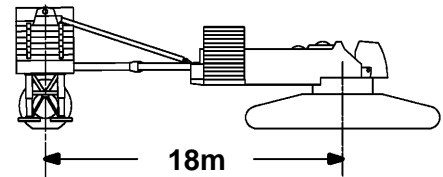


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 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, 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 Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
32.0	74.9	179.9	41 200*																32.0
34.0	73.5	179.2	40 500*																34.0
36.0	72.2	178.6	39 600*																36.0
38.0	70.8	177.9	38 700*																38.0
40.0	69.4	177.1	37 800*	71.6	178.1	41 400*													40.0
42.0	68.0	176.3	36 900*	70.2	177.3	40 600*													42.0
44.0	66.6	175.4	35 900*	68.9	176.5	39 800*													44.0
46.0	65.2	174.5	34 900*	67.5	175.7	38 900*													46.0
48.0	63.7	173.5	33 900*	66.0	174.8	38 000*													48.0
50.0	62.3	172.4	32 800*	64.6	173.8	37 100*													50.0
52.0	60.8	171.3	31 800*	63.1	172.8	36 100*													52.0
54.0	59.3	170.1	30 800*	61.7	171.7	35 100*	67.4	174.5	43 100*										54.0
56.0	57.7	168.8	29 800*	60.2	170.6	34 100*	66.0	173.6	42 700*										56.0
58.0	56.2	167.5	28 800*	58.6	169.3	33 100*	64.5	172.6	42 100*										58.0
60.0	54.6	166.1	27 800*	57.1	168.0	32 100*	63.1	171.6	41 400*										60.0
62.0	52.9	164.5	26 900*	55.5	166.6	31 100*	61.6	170.5	40 700*										62.0
64.0	51.3	162.9	25 900*	53.9	165.2	30 100*	60.1	169.4	39 900*										64.0
66.0	49.6	161.2	25 100*	52.3	163.6	29 200*	58.6	168.1	39 100*										66.0
68.0	47.8	159.4	24 200*	50.6	162.0	28 200*	57.0	166.8	38 200*										68.0
70.0	46.0	157.5	23 400*	48.9	160.2	27 300*	55.4	165.4	37 300*	61.4	168.6	41 700*							70.0
72.0	44.2	155.4	22 600*	47.1	158.4	26 400*	53.8	164.0	36 400*	59.9	167.4	41 700*							72.0
74.0	42.2	153.2	21 900*	45.3	156.4	25 500*	52.2	162.4	35 400*	58.4	166.2	41 700*							74.0
76.0	40.2	150.9	21 200*	43.4	154.3	24 700*	50.5	160.8	34 500*	56.9	164.8	41 700*							76.0
78.0	38.1	148.3	20 600*	41.4	152.0	23 900*	48.8	159.0	33 600*	55.3	163.4	41 700*							78.0
80.0	35.9	145.6	20 000*	39.4	149.6	23 200*	47.0	157.1	32 600*	53.7	162.0	41 300*							80.0
84.0	31.1	139.3	19 100*	35.0	144.1	21 900*	43.3	153.0	30 800*	50.3	158.7	39 700*	56.5	162.1	39 400*				84.0
88.0	25.5	131.6	18 400*	30.0	137.6	20 800*	39.3	148.3	29 000*	46.8	155.1	36 300*	53.3	159.1	39 400*				88.0
92.0	18.2	121.1	18 100*	24.2	129.5	20 000*	34.9	142.8	26 400*	43.1	150.9	33 000*	50.0	155.9	39 000*				92.0
96.0				16.3	118.0	17 600*	29.9	136.3	23 400*	39.1	146.2	29 800*	46.4	152.2	35 900*	52.8	155.5	37 000*	96.0
100.0							24.0	128.1	20 600*	34.6	140.7	26 600*	42.7	148.0	32 800*	49.4	152.1	37 000*	100.0
104.0							16.1	116.5	18 000*	29.6	134.1	23 600*	38.6	143.2	29 600*	45.8	148.4	35 000*	104.0
108.0										23.6	125.7	20 800*	34.2	137.5	26 500*	42.0	144.1	32 100*	108.0
112.0										15.5	113.9	18 200*	29.1	130.8	23 500*	37.9	139.1	29 100*	112.0
116.0													22.9	122.2	20 700*	33.4	133.4	26 100*	116.0
120.0													14.4	109.7	18 200*	28.2	126.4	23 200*	120.0
124.0																21.8	117.4	20 400*	124.0
128.0																12.5	103.6	18 000*	128.0



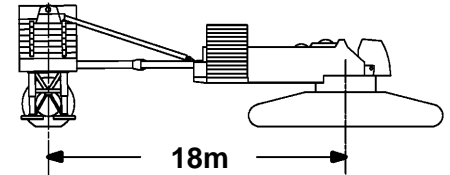


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 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, 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	74.9	185.7	36 100*																33.5
34.0	74.6	185.6	36 000*																34.0
36.0	73.4	185.0	35 300*																36.0
38.0	72.1	184.4	34 600*																38.0
40.0	70.8	183.6	33 900*																40.0
42.0	69.5	182.9	33 100*	71.6	183.8	36 300*													42.0
44.0	68.2	182.1	32 300*	70.3	183.1	35 600*													44.0
46.0	66.9	181.2	31 400*	69.0	182.3	34 900*													46.0
48.0	65.6	180.3	30 600*	67.7	181.5	34 200*													48.0
50.0	64.2	179.3	29 700*	66.3	180.6	33 400*													50.0
52.0	62.8	178.3	28 900*	65.0	179.6	32 700*													52.0
54.0	61.5	177.2	28 100*	63.7	178.6	31 900*													54.0
56.0	60.1	176.0	27 200*	62.3	177.6	31 000*													56.0
58.0	58.6	174.8	26 300*	60.9	176.5	30 200*	66.3	179.4	37 500*										58.0
60.0	57.2	173.5	25 400*	59.5	175.3	29 300*	64.9	178.4	37 000*										60.0
62.0	55.7	172.1	24 600*	58.0	174.0	28 500*	63.6	177.4	36 500*										62.0
64.0	54.2	170.7	23 800*	56.6	172.7	27 600*	62.2	176.4	36 000*										64.0
66.0	52.7	169.1	23 000*	55.1	171.3	26 800*	60.8	175.3	35 300*										66.0
68.0	51.1	167.5	22 200*	53.6	169.8	26 000*	59.4	174.1	34 700*										68.0
70.0	49.5	165.8	21 400*	52.1	168.2	25 100*	58.0	172.8	34 000*										70.0
72.0	47.9	164.0	20 700*	50.5	166.6	24 300*	56.5	171.5	33 200*	62.1	174.4	36 400*							72.0
74.0	46.2	162.1	20 000*	48.9	164.8	23 500*	55.0	170.1	32 500*	60.7	173.3	36 400*							74.0
76.0	44.5	160.1	19 400*	47.2	163.0	22 800*	53.5	168.6	31 700*	59.3	172.1	36 400*							76.0
78.0	42.7	157.9	18 800*	45.5	161.0	22 100*	52.0	167.0	30 900*	57.8	170.8	36 400*							78.0
80.0	40.8	155.6	18 200*	43.8	158.9	21 400*	50.4	165.4	30 100*	56.4	169.5	36 400*							80.0
84.0	36.9	150.4	17 100*	40.1	154.3	20 100*	47.1	161.7	27 700*	53.4	166.6	34 300*							84.0
88.0	32.5	144.5	15 900*	36.1	149.1	18 400*	43.7	157.7	24 700*	50.2	163.3	31 100*	56.1	166.7	34 300*				88.0
92.0	27.6	137.3	13 400*	31.6	142.9	15 600*	40.0	153.1	21 600*	47.0	159.7	27 900*	53.1	163.8	33 700*				92.0
96.0	21.5	128.2	11 000*	26.4	135.4	13 100*	36.0	147.8	18 700*	43.5	155.6	24 800*	49.9	160.5	30 600*				96.0
100.0	12.9	114.5	8 800*	20.1	125.7	10 700*	31.5	141.6	15 900*	39.8	151.0	21 700*	46.6	156.8	27 600*				100.0
104.0				10.2	109.9	8 500*	26.3	134.1	13 300*	35.7	145.6	18 800*	43.1	152.6	24 500*	49.4	156.7	29 500*	104.0
108.0							19.9	124.3	10 900*	31.2	139.4	16 000*	39.4	147.9	21 600*	46.1	153.0	26 800*	108.0
112.0							9.9	108.2	8 700*	26.0	131.7	13 400*	35.3	142.5	18 700*	42.5	148.7	23 900*	112.0
116.0										19.5	121.8	11 000*	30.7	136.1	15 900*	38.7	143.9	21 100*	116.0
120.0										9.0	104.9	8 800*	25.4	128.4	13 300*	34.6	138.4	18 200*	120.0
124.0													18.7	118.0	10 900*	29.9	131.8	15 500*	124.0
128.0													7.0	99.1	8 800*	24.4	123.7	13 000*	128.0
132.0																17.3	112.7	10 600*	132.0

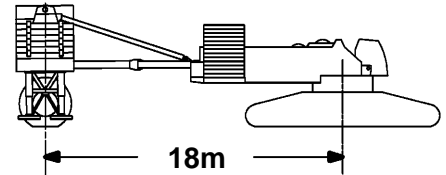


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

**18000 With  
 21000 MAX-ER**



## 97.5m (320 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	74.2	127.0	121 000*d																16.8
18.0	71.4	126.5	120 300*c																18.0
20.0	66.9	125.6	118 800*c																20.0
22.0	62.1	124.5	115 400*b	70.1	126.0	121 800*d													22.0
24.0	57.1	123.2	110 500*b	65.5	125.0	120 300*b													24.0
26.0	51.8	121.6	105 700*	60.7	123.9	117 600*b													26.0
28.0	46.0	119.7	101 300*	55.6	122.5	112 800*b													28.0
30.0	39.4	117.3	97 400*	50.1	120.8	108 100*													30.0
32.0	31.7	114.1	94 300*	44.1	118.7	103 600*	66.5	124.0	123 600*c										32.0
34.0	21.1	109.5	93 200*	37.3	116.1	99 700*	61.7	122.9	122 300*b										34.0
36.0				28.9	112.7	96 800*	56.7	121.6	120 700*b										36.0
38.0				16.5	107.1	96 000*	51.3	120.0	117 300*										38.0
40.0							45.5	118.0	112 700*										40.0
42.0							38.9	115.5	108 400*										42.0
44.0							30.9	112.3	104 700*	57.5	119.9	123 300*b							44.0
46.0										52.2	118.3	121 200*							46.0
48.0										46.4	116.4	119 500*							48.0
50.0										39.9	114.0	116 200*							50.0
52.0										32.2	110.9	112 000*							52.0
54.0										22.0	106.4	108 800*	52.4	115.7	120 000*b				54.0
56.0													46.7	113.8	119 400*				56.0
58.0													40.2	111.5	117 400*				58.0
60.0													32.7	108.4	112 700*				60.0
62.0													22.6	104.1	108 300*				62.0
64.0																46.2	110.3	97 400*	64.0
66.0																39.7	107.9	93 900*	66.0
68.0																32.0	104.8	90 500*	68.0
70.0																21.6	100.2	87 200*	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.

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

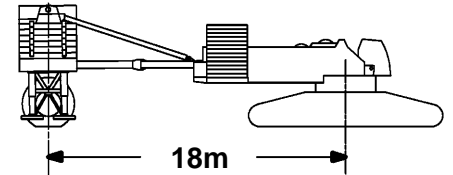


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

**18000 With  
 21000 MAX-ER**



## 97.5m (320 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	74.4	132.9	109 400*c																18.3
20.0	71.3	132.3	108 300*c																20.0
22.0	67.6	131.4	104 800*b																22.0
24.0	63.8	130.4	100 800*b	70.2	131.7	109 900*b													24.0
26.0	59.8	129.2	96 700*b	66.5	130.9	106 900*b													26.0
28.0	55.7	127.8	92 600*	62.6	129.8	103 400*b													28.0
30.0	51.3	126.2	88 600*	58.6	128.6	99 300*													30.0
32.0	46.6	124.3	84 800*	54.4	127.1	95 200*													32.0
34.0	41.4	122.1	81 400*	49.9	125.4	91 200*													34.0
36.0	35.6	119.3	78 500*	45.1	123.4	87 400*	63.5	128.8	108 900*b										36.0
38.0	28.7	115.8	76 400*	39.7	121.0	83 900*	59.5	127.6	108 100*										38.0
40.0	19.4	110.7	75 800*	33.7	118.1	81 000*	55.3	126.2	104 500*										40.0
42.0				26.2	114.2	79 000*	50.9	124.6	100 600*										42.0
44.0				15.4	108.2	78 700*	46.2	122.6	96 700*										44.0
46.0							41.0	120.3	93 000*	60.1	125.9	108 700*b							46.0
48.0							35.1	117.5	89 600*	56.0	124.5	108 300*							48.0
50.0							28.0	113.9	86 800*	51.6	122.9	107 600*							50.0
52.0										46.9	121.0	104 800*							52.0
54.0										41.8	118.8	101 100*							54.0
56.0										36.0	116.1	97 500*							56.0
58.0										29.2	112.6	94 300*	51.8	120.3	106 800*				58.0
60.0										20.1	107.7	91 700*	47.1	118.4	106 500*				60.0
62.0													42.0	116.2	106 100*				62.0
64.0													36.3	113.5	103 700*				64.0
66.0													29.6	110.1	100 000*	51.4	116.8	92 800*	66.0
68.0													20.7	105.3	96 300*	46.7	114.9	89 600*	68.0
70.0																41.6	112.7	86 500*	70.0
72.0																35.8	109.9	83 500*	72.0
74.0																28.9	106.4	80 700*	74.0
76.0																19.7	101.4	77 900*	76.0

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

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

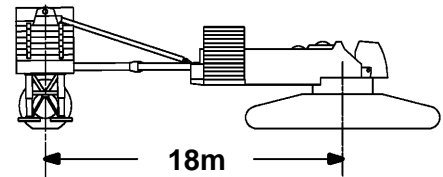


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

## 18000 With 21000 MAX-ER



### 97.5m (320 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 Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.6	138.8	97 700*c																19.8
20.0	74.3	138.7	97 500*c																20.0
22.0	71.3	138.0	94 700*b																22.0
24.0	68.1	137.2	91 500*b																24.0
26.0	64.9	136.2	88 200*b	70.3	137.5	95 700*b													26.0
28.0	61.6	135.1	84 600*	67.2	136.6	94 300*b													28.0
30.0	58.2	133.9	81 200*	63.9	135.6	90 900*													30.0
32.0	54.7	132.4	77 700*	60.6	134.5	87 400*													32.0
34.0	50.9	130.8	74 400*	57.2	133.2	84 000*													34.0
36.0	47.0	128.9	71 300*	53.6	131.7	80 500*													36.0
38.0	42.7	126.8	68 400*	49.8	130.0	77 100*	64.7	134.7	97 100*										38.0
40.0	38.0	124.2	65 800*	45.7	128.0	74 000*	61.4	133.6	96 200*										40.0
42.0	32.8	121.2	63 800*	41.3	125.8	71 000*	57.9	132.3	93 000*										42.0
44.0	26.5	117.3	62 300*	36.5	123.1	68 400*	54.4	130.8	89 800*										44.0
46.0	18.1	111.9	62 100*	31.0	119.8	66 300*	50.6	129.2	86 400*										46.0
48.0				24.3	115.7	64 900*	46.6	127.3	83 200*										48.0
50.0				14.6	109.2	64 900*	42.3	125.1	80 000*	58.5	130.5	96 700*							50.0
52.0							37.6	122.5	77 000*	54.9	129.1	96 100*							52.0
54.0							32.3	119.4	74 400*	51.2	127.5	94 400*							54.0
56.0							25.9	115.5	72 200*	47.2	125.6	91 300*							56.0
58.0										43.0	123.5	88 100*							58.0
60.0										38.4	121.0	85 100*	55.1	126.5	94 800*				60.0
62.0										33.1	117.9	82 200*	51.4	124.9	94 800*				62.0
64.0										27.0	114.2	79 600*	47.4	123.1	94 800*				64.0
66.0										18.8	108.9	77 600*	43.2	120.9	94 200*				66.0
68.0													38.6	118.4	91 700*				68.0
70.0													33.4	115.4	88 800*				70.0
72.0													27.3	111.7	86 100*	47.1	119.5	81 800*	72.0
74.0													19.3	106.6	83 800*	42.8	117.4	79 000*	74.0
76.0																38.2	114.8	76 400*	76.0
78.0																32.9	111.8	73 900*	78.0
80.0																26.7	108.0	71 500*	80.0

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

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

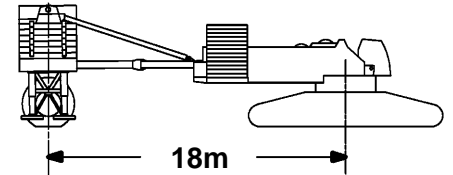


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

**18000 With  
 21000 MAX-ER**



## 97.5m (320 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	74.7	144.7	86 200*b																21.3
22.0	73.9	144.5	85 500*b																22.0
24.0	71.2	143.8	83 000*b																24.0
26.0	68.5	143.0	80 400*b																26.0
28.0	65.7	142.1	77 600*	70.4	143.3	85 500*b													28.0
30.0	62.9	141.0	74 700*	67.7	142.4	83 000*													30.0
32.0	60.0	139.8	71 800*	64.9	141.5	80 300*													32.0
34.0	57.0	138.5	68 800*	62.1	140.4	77 500*													34.0
36.0	53.9	137.1	66 000*	59.1	139.2	74 600*													36.0
38.0	50.7	135.4	63 200*	56.1	137.8	71 700*													38.0
40.0	47.2	133.6	60 600*	52.9	136.3	68 800*	65.5	140.5	86 300*										40.0
42.0	43.6	131.4	58 200*	49.7	134.6	66 000*	62.7	139.4	85 500*										42.0
44.0	39.7	129.1	56 100*	46.2	132.7	63 300*	59.8	138.2	83 100*										44.0
46.0	35.4	126.3	54 200*	42.5	130.5	60 900*	56.8	136.9	80 400*										46.0
48.0	30.6	122.9	52 700*	38.4	128.0	58 600*	53.6	135.4	77 700*										48.0
50.0	24.8	118.8	51 700*	34.0	125.1	56 700*	50.4	133.8	75 000*										50.0
52.0	17.2	113.1	51 700*	28.9	121.5	55 100*	47.0	131.9	72 200*	60.2	136.5	85 500*							52.0
54.0				22.8	117.1	54 100*	43.3	129.8	69 600*	57.2	135.2	85 400*							54.0
56.0				14.0	110.3	54 300*	39.4	127.3	67 000*	54.1	133.7	84 700*							56.0
58.0							35.0	124.5	64 700*	50.9	132.1	82 500*							58.0
60.0							30.1	121.2	62 600*	47.5	130.2	80 100*							60.0
62.0							24.3	116.9	61 000*	43.9	128.1	77 400*							62.0
64.0							16.4	110.9	60 100*	40.0	125.8	74 900*	54.3	131.1	83 800*				64.0
66.0										35.7	123.0	72 400*	51.0	129.5	83 800*				66.0
68.0										30.9	119.7	70 000*	47.6	127.7	83 800*				68.0
70.0										25.2	115.7	68 000*	44.0	125.6	83 500*				70.0
72.0										17.8	110.1	66 400*	40.2	123.2	81 300*				72.0
74.0													35.9	120.5	78 900*	50.8	126.0	77 800*	74.0
76.0													31.2	117.2	76 600*	47.4	124.1	75 200*	76.0
78.0													25.5	113.2	74 300*	43.7	122.0	72 800*	78.0
80.0													18.2	107.8	72 400*	39.8	119.7	70 400*	80.0
84.0																30.7	113.6	66 100*	84.0
88.0																17.5	103.8	62 000*	88.0

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

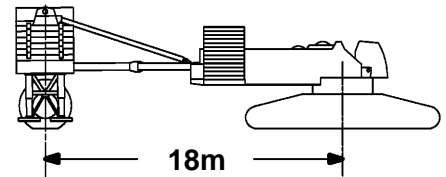


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

**18000 With  
 21000 MAX-ER**



## 97.5m (320 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	74.8	150.6	76 100*b																22.9
24.0	73.5	150.2	75 000*b																24.0
26.0	71.2	149.5	72 900*b																26.0
28.0	68.8	148.7	70 600*																28.0
30.0	66.4	147.9	68 200*	70.5	149.0	75 300*													30.0
32.0	63.9	146.9	65 800*	68.1	148.2	73 200*													32.0
34.0	61.4	145.7	63 300*	65.6	147.3	70 900*													34.0
36.0	58.8	144.5	60 800*	63.1	146.3	68 500*													36.0
38.0	56.1	143.2	58 400*	60.6	145.1	66 100*													38.0
40.0	53.3	141.7	56 000*	58.0	143.9	63 700*													40.0
42.0	50.5	140.0	53 700*	55.3	142.4	61 200*	66.2	146.3	76 900*										42.0
44.0	47.5	138.2	51 600*	52.5	140.9	58 800*	63.7	145.3	76 100*										44.0
46.0	44.3	136.1	49 600*	49.6	139.2	56 500*	61.2	144.1	74 100*										46.0
48.0	40.9	133.8	47 800*	46.5	137.3	54 200*	58.6	142.9	72 000*										48.0
50.0	37.3	131.2	46 100*	43.3	135.2	52 200*	55.9	141.6	69 700*										50.0
52.0	33.3	128.2	44 700*	39.9	132.8	50 300*	53.1	140.0	67 400*										52.0
54.0	28.8	124.6	43 600*	36.1	130.1	48 600*	50.2	138.4	65 000*	61.5	142.4	76 100*							54.0
56.0	23.5	120.2	43 000*	32.0	126.9	47 100*	47.2	136.5	62 700*	58.9	141.2	76 100*							56.0
58.0	16.4	114.2	43 100*	27.3	123.2	45 900*	44.0	134.4	60 500*	56.3	139.8	76 000*							58.0
60.0				21.6	118.4	45 300*	40.6	132.1	58 300*	53.5	138.3	74 500*							60.0
62.0				13.5	111.4	45 500*	37.0	129.5	56 300*	50.7	136.7	72 400*							62.0
64.0							32.9	126.4	54 400*	47.7	134.8	70 300*							64.0
66.0							28.4	122.8	52 900*	44.5	132.8	68 100*	56.4	137.2	74 300*				66.0
68.0							23.0	118.3	51 600*	41.1	130.5	65 900*	53.7	135.7	74 300*				68.0
70.0							15.7	112.1	51 000*	37.5	127.9	63 800*	50.8	134.1	74 300*				70.0
72.0										33.6	125.0	61 700*	47.8	132.3	74 300*				72.0
74.0										29.1	121.4	59 800*	44.7	130.2	73 800*				74.0
76.0										23.9	117.1	58 200*	41.3	128.0	72 200*				76.0
78.0										17.0	111.3	57 000*	37.7	125.4	70 200*	50.6	130.6	70 900*	78.0
80.0													33.8	122.4	68 100*	47.6	128.7	68 600*	80.0
84.0													24.1	114.7	64 300*	41.0	124.4	64 400*	84.0
88.0																33.4	118.8	60 400*	88.0
92.0																23.7	110.9	56 800*	92.0

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

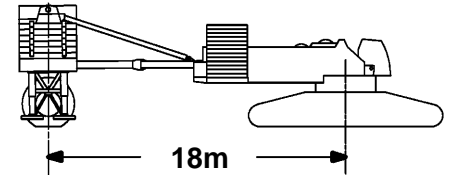


# Liftcrane Luffing Jib Capacities

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  
 390 090 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**



## 97.5m (320 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	74.9	156.5	67 500* <sup>b</sup>																24.4
26.0	73.2	156.0	66 100* <sup>b</sup>																26.0
28.0	71.1	155.3	64 300*																28.0
30.0	69.0	154.5	62 400*																30.0
32.0	66.8	153.6	60 400*	70.5	154.8	66 700*													32.0
34.0	64.7	152.7	58 300*	68.4	154.0	64 900*													34.0
36.0	62.4	151.6	56 200*	66.2	153.1	63 000*													36.0
38.0	60.1	150.5	54 100*	64.0	152.1	61 000*													38.0
40.0	57.8	149.2	52 000*	61.7	151.0	58 900*													40.0
42.0	55.4	147.8	49 900*	59.4	149.8	56 900*													42.0
44.0	52.9	146.3	47 900*	57.1	148.5	54 800*													44.0
46.0	50.3	144.6	46 100*	54.6	147.1	52 700*	64.5	151.1	68 100*										46.0
48.0	47.6	142.8	44 300*	52.1	145.5	50 700*	62.2	150.0	66 400*										48.0
50.0	44.8	140.7	42 600*	49.5	143.8	48 800*	59.9	148.9	64 600*										50.0
52.0	41.8	138.5	41 000*	46.8	141.9	46 900*	57.6	147.6	62 800*										52.0
54.0	38.7	136.0	39 600*	43.9	139.8	45 100*	55.2	146.2	60 900*										54.0
56.0	35.3	133.2	38 400*	40.9	137.5	43 500*	52.7	144.6	58 900*										56.0
58.0	31.6	130.0	37 400*	37.7	134.9	42 000*	50.1	142.9	56 900*	60.3	147.1	68 100*							58.0
60.0	27.3	126.3	36 600*	34.2	132.0	40 700*	47.4	141.1	54 900*	57.9	145.8	68 100*							60.0
62.0	22.4	121.6	36 200*	30.3	128.7	39 600*	44.6	139.1	53 000*	55.5	144.4	67 300*							62.0
64.0	15.8	115.3	36 300*	25.9	124.7	38 700*	41.6	136.8	51 200*	53.1	142.9	65 700*							64.0
66.0				20.6	119.7	38 300*	38.4	134.3	49 500*	50.5	141.3	64 000*							66.0
68.0				13.2	112.5	38 600*	35.0	131.5	47 800*	47.8	139.4	62 200*							68.0
70.0							31.2	128.2	46 300*	45.0	137.4	60 300*	55.7	141.8	66 200*				70.0
72.0							27.0	124.4	45 100*	42.1	135.2	58 500*	53.2	140.3	66 200*				72.0
74.0							21.9	119.7	44 200*	38.9	132.8	56 700*	50.6	138.7	66 200*				74.0
76.0							15.2	113.2	43 700*	35.5	130.0	54 900*	47.9	136.9	66 200*				76.0
78.0										31.8	126.8	53 200*	45.1	134.9	66 000*				78.0
80.0										27.6	123.1	51 600*	42.2	132.7	64 400*				80.0
84.0										16.3	112.4	49 400*	35.7	127.5	61 100*	47.7	133.4	63 100*	84.0
88.0													27.9	120.6	57 700*	42.0	129.1	59 200*	88.0
92.0													16.7	110.1	55 000*	35.4	123.8	55 700*	92.0
96.0																27.5	116.9	52 400*	96.0
100.0																16.1	106.1	49 200*	100.0

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

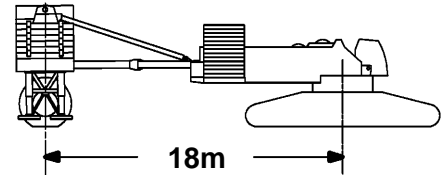


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

**18000 With  
 21000 MAX-ER**



## 97.5m (320 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 Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	75.0	162.4	59 600* <b>b</b>																25.9
26.0	74.9	162.4	59 500* <b>b</b>																26.0
28.0	73.0	161.8	58 000*																28.0
30.0	71.1	161.1	56 500*																30.0
32.0	69.2	160.3	54 800*	72.4	161.3	60 200*													32.0
34.0	67.2	159.4	53 200*	70.5	160.6	58 800*													34.0
36.0	65.3	158.5	51 400*	68.6	159.8	57 300*													36.0
38.0	63.3	157.5	49 600*	66.6	158.9	55 700*													38.0
40.0	61.2	156.4	47 800*	64.7	157.9	54 000*													40.0
42.0	59.1	155.1	46 000*	62.6	156.9	52 300*													42.0
44.0	57.0	153.8	44 300*	60.6	155.7	50 500*													44.0
46.0	54.8	152.4	42 600*	58.5	154.5	48 700*	67.1	157.9	61 400*										46.0
48.0	52.5	150.9	40 900*	56.3	153.1	47 000*	65.1	156.9	60 500*										48.0
50.0	50.2	149.2	39 400*	54.1	151.7	45 200*	63.1	155.9	59 200*										50.0
52.0	47.8	147.4	37 900*	51.8	150.1	43 600*	61.0	154.8	57 700*										52.0
54.0	45.2	145.4	36 500*	49.5	148.4	41 900*	58.9	153.6	56 200*										54.0
56.0	42.6	143.2	35 200*	47.0	146.5	40 400*	56.8	152.2	54 600*										56.0
58.0	39.8	140.8	34 000*	44.5	144.5	38 900*	54.6	150.8	52 900*										58.0
60.0	36.8	138.2	32 900*	41.8	142.2	37 500*	52.3	149.2	51 300*	61.3	153.0	60 500*							60.0
62.0	33.6	135.2	32 000*	38.9	139.8	36 300*	50.0	147.6	49 600*	59.3	151.8	60 500*							62.0
64.0	30.1	131.8	31 200*	35.9	137.0	35 100*	47.6	145.7	47 900*	57.1	150.5	60 400*							64.0
66.0	26.1	127.8	30 600*	32.6	133.9	34 100*	45.0	143.7	46 300*	54.9	149.1	59 200*							66.0
68.0	21.4	123.0	30 300*	29.0	130.4	33 300*	42.4	141.5	44 800*	52.7	147.5	57 800*							68.0
70.0	15.3	116.5	30 600*	24.8	126.2	32 600*	39.6	139.1	43 300*	50.3	145.9	56 300*							70.0
72.0				19.8	121.0	32 400*	36.6	136.4	41 900*	47.9	144.1	54 800*	57.2	147.9	58 500*				72.0
74.0				12.9	113.6	32 700*	33.3	133.4	40 600*	45.4	142.1	53 200*	55.0	146.5	58 500*				74.0
76.0							29.8	130.0	39 400*	42.8	139.9	51 700*	52.8	144.9	58 500*				76.0
78.0							25.8	126.0	38 500*	40.0	137.5	50 100*	50.5	143.3	58 500*				78.0
80.0							21.0	121.0	37 700*	37.0	134.9	48 600*	48.0	141.5	58 500*				80.0
84.0										30.3	128.6	45 800*	42.9	137.4	57 300*	52.6	141.4	56 000*	84.0
88.0										21.8	119.9	43 500*	37.2	132.4	54 500*	47.8	138.0	56 000*	88.0
92.0													30.5	126.1	51 600*	42.7	133.8	53 900*	92.0
96.0													22.0	117.5	49 000*	36.9	128.8	50 700*	96.0
100.0																30.2	122.4	47 700*	100.0
104.0																21.6	113.7	44 900*	104.0

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



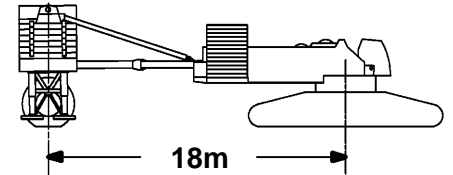


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 18m Position  
360 Degree Rating

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

**18000 With  
21000 MAX-ER**



## 97.5m (320 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	
29.0	73.7	167.9	51 800*																29.0
30.0	72.8	167.5	51 100*																30.0
32.0	71.1	166.8	49 800*																32.0
34.0	69.3	166.1	48 400*	72.3	167.0	53 300*													34.0
36.0	67.6	165.2	47 000*	70.6	166.3	52 100*													36.0
38.0	65.8	164.3	45 500*	68.8	165.5	50 800*													38.0
40.0	63.9	163.3	44 000*	67.0	164.7	49 400*													40.0
42.0	62.1	162.2	42 400*	65.2	163.7	48 000*													42.0
44.0	60.2	161.1	40 900*	63.4	162.7	46 500*													44.0
46.0	58.3	159.8	39 400*	61.5	161.6	45 000*													46.0
48.0	56.3	158.5	38 000*	59.6	160.4	43 500*													48.0
50.0	54.3	157.0	36 500*	57.7	159.1	42 000*	65.6	162.7	53 900*										50.0
52.0	52.2	155.5	35 200*	55.7	157.8	40 500*	63.8	161.7	52 900*										52.0
54.0	50.1	153.8	33 900*	53.7	156.3	39 100*	61.9	160.6	51 700*										54.0
56.0	47.9	152.0	32 600*	51.6	154.7	37 700*	60.0	159.5	50 400*										56.0
58.0	45.6	150.0	31 400*	49.4	153.0	36 300*	58.1	158.2	49 100*										58.0
60.0	43.2	147.9	30 300*	47.2	151.1	35 000*	56.1	156.9	47 700*										60.0
62.0	40.7	145.6	29 300*	44.9	149.1	33 700*	54.1	155.4	46 300*										62.0
64.0	38.0	143.0	28 300*	42.4	146.9	32 600*	52.0	153.8	44 900*	60.3	157.7	54 000*							64.0
66.0	35.2	140.2	27 500*	39.9	144.5	31 500*	49.9	152.1	43 500*	58.4	156.5	53 900*							66.0
68.0	32.2	137.1	26 900*	37.2	141.9	30 500*	47.7	150.3	42 100*	56.4	155.1	53 300*							68.0
70.0	28.8	133.5	26 200*	34.3	139.0	29 600*	45.4	148.4	40 700*	54.4	153.7	52 200*							70.0
72.0	25.1	129.4	25 800*	31.2	135.8	28 800*	43.0	146.2	39 400*	52.4	152.1	51 000*							72.0
74.0	20.6	124.3	25 700*	27.8	132.1	28 200*	40.5	143.9	38 100*	50.2	150.5	49 900*							74.0
76.0	14.9	117.6	26 000*	23.8	127.7	27 700*	37.8	141.3	36 900*	48.0	148.6	48 600*	56.5	152.5	51 800*				76.0
78.0				19.1	122.3	27 600*	35.0	138.5	35 800*	45.7	146.7	47 300*	54.5	151.1	51 800*				78.0
80.0				12.7	114.6	27 900*	31.9	135.3	34 800*	43.4	144.6	45 900*	52.5	149.5	51 800*				80.0
84.0							24.7	127.5	33 100*	38.2	139.7	43 300*	48.1	146.1	51 800*				84.0
88.0							14.3	115.4	32 400*	32.4	133.8	40 900*	43.5	142.0	51 200*				88.0
92.0										25.3	126.2	38 700*	38.4	137.2	48 800*	47.9	142.6	49 700*	92.0
96.0										15.4	114.7	37 300*	32.5	131.3	46 400*	43.3	138.5	49 400*	96.0
100.0													25.5	123.8	44 100*	38.1	133.6	46 500*	100.0
104.0													15.7	112.4	42 300*	32.3	127.7	43 700*	104.0
108.0																25.2	120.0	41 200*	108.0
112.0																15.1	108.4	38 700*	112.0

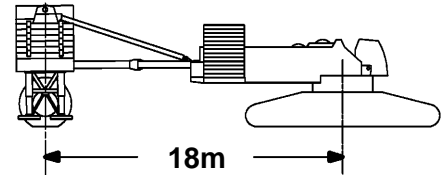


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

**18000 With  
 21000 MAX-ER**



## 97.5m (320 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	
30.5	73.9	173.8	45 600*																30.5
32.0	72.7	173.3	44 800*																32.0
34.0	71.1	172.6	43 600*																34.0
36.0	69.5	171.8	42 500*	72.2	172.8	46 700*													36.0
38.0	67.8	171.0	41 200*	70.6	172.1	45 800*													38.0
40.0	66.2	170.1	40 000*	69.0	171.3	44 600*													40.0
42.0	64.5	169.1	38 700*	67.3	170.4	43 500*													42.0
44.0	62.8	168.1	37 400*	65.7	169.5	42 300*													44.0
46.0	61.1	167.0	36 100*	64.0	168.5	41 100*													46.0
48.0	59.3	165.8	34 800*	62.3	167.5	39 900*													48.0
50.0	57.6	164.5	33 600*	60.6	166.3	38 600*													50.0
52.0	55.7	163.1	32 300*	58.8	165.1	37 300*	66.0	168.5	47 700*										52.0
54.0	53.9	161.6	31 100*	57.0	163.8	36 000*	64.4	167.5	46 800*										54.0
56.0	52.0	160.1	30 000*	55.2	162.4	34 800*	62.7	166.5	45 900*										56.0
58.0	50.0	158.4	28 900*	53.3	160.9	33 600*	61.0	165.4	44 900*										58.0
60.0	48.0	156.6	27 800*	51.4	159.3	32 400*	59.2	164.2	43 800*										60.0
62.0	45.9	154.6	26 800*	49.4	157.6	31 200*	57.4	162.9	42 700*										62.0
64.0	43.7	152.5	25 900*	47.3	155.7	30 100*	55.6	161.5	41 500*	62.9	164.7	47 500*							64.0
66.0	41.4	150.3	25 100*	45.2	153.7	29 100*	53.7	160.0	40 300*	61.2	163.6	47 500*							66.0
68.0	39.0	147.8	24 300*	43.0	151.6	28 100*	51.8	158.4	39 100*	59.5	162.4	47 500*							68.0
70.0	36.5	145.1	23 500*	40.7	149.3	27 100*	49.8	156.7	37 900*	57.7	161.1	47 500*							70.0
72.0	33.8	142.2	22 900*	38.3	146.8	26 300*	47.8	154.9	36 700*	55.9	159.8	46 700*							72.0
74.0	30.9	138.9	22 300*	35.7	144.0	25 500*	45.7	153.0	35 600*	54.0	158.3	45 800*							74.0
76.0	27.8	135.2	21 900*	33.0	140.9	24 800*	43.5	150.9	34 400*	52.1	156.7	44 800*							76.0
78.0	24.2	130.8	21 700*	30.0	137.5	24 200*	41.2	148.6	33 400*	50.1	155.1	43 800*							78.0
80.0	20.0	125.6	21 600*	26.7	133.6	23 700*	38.8	146.1	32 300*	48.1	153.3	42 700*	55.9	157.2	45 800*				80.0
84.0				18.5	123.5	23 300*	33.6	140.4	30 400*	43.8	149.2	40 500*	52.2	154.1	45 800*				84.0
88.0							27.5	133.3	28 900*	39.2	144.5	38 300*	48.2	150.7	45 800*				88.0
92.0							19.6	123.6	27 900*	34.0	138.9	36 200*	43.9	146.7	45 400*	52.0	150.6	43 100*	92.0
96.0										28.0	132.0	34 300*	39.3	142.0	43 500*	48.0	147.2	43 100*	96.0
100.0										20.3	122.6	32 900*	34.1	136.4	41 400*	43.8	143.1	43 100*	100.0
104.0													28.1	129.5	39 400*	39.1	138.4	42 000*	104.0
108.0													20.5	120.2	37 700*	33.9	132.8	39 500*	108.0
112.0																27.9	125.8	37 200*	112.0
116.0																20.1	116.3	35 000*	116.0

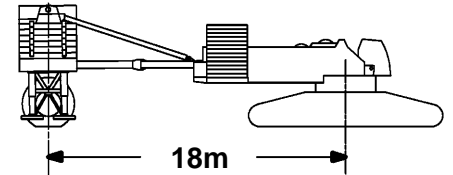


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

**18000 With  
 21000 MAX-ER**



## 97.5m (320 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	
32.0	74.0	179.7	39 900*																32.0
34.0	72.5	179.0	39 000*																34.0
36.0	71.0	178.3	38 100*																36.0
38.0	69.6	177.6	37 100*																38.0
40.0	68.1	176.8	36 100*	70.6	177.8	40 000*													40.0
42.0	66.5	175.9	35 100*	69.1	177.1	39 100*													42.0
44.0	65.0	174.9	34 000*	67.6	176.2	38 200*													44.0
46.0	63.4	173.9	33 000*	66.1	175.3	37 200*													46.0
48.0	61.9	172.9	31 900*	64.5	174.4	36 200*													48.0
50.0	60.2	171.7	30 800*	63.0	173.3	35 200*													50.0
52.0	58.6	170.5	29 700*	61.4	172.2	34 100*													52.0
54.0	56.9	169.1	28 700*	59.8	171.1	33 100*	66.4	174.3	41 800*										54.0
56.0	55.2	167.7	27 700*	58.1	169.8	32 000*	64.9	173.4	41 200*										56.0
58.0	53.5	166.3	26 700*	56.4	168.5	31 000*	63.3	172.3	40 400*										58.0
60.0	51.7	164.7	25 700*	54.7	167.0	29 900*	61.7	171.2	39 600*										60.0
62.0	49.9	163.0	24 800*	53.0	165.5	28 900*	60.1	170.1	38 800*										62.0
64.0	48.0	161.2	23 900*	51.2	163.9	27 900*	58.5	168.9	37 900*										64.0
66.0	46.1	159.3	23 100*	49.4	162.2	26 900*	56.8	167.5	37 000*										66.0
68.0	44.1	157.2	22 300*	47.5	160.3	26 000*	55.1	166.1	36 000*	62.0	169.5	41 100*							68.0
70.0	42.0	155.0	21 500*	45.5	158.4	25 100*	53.4	164.6	35 000*	60.4	168.3	41 100*							70.0
72.0	39.9	152.6	20 800*	43.5	156.3	24 300*	51.6	163.1	34 100*	58.7	167.1	41 100*							72.0
74.0	37.6	150.0	20 200*	41.4	154.0	23 500*	49.8	161.4	33 100*	57.1	165.8	41 100*							74.0
76.0	35.2	147.2	19 600*	39.2	151.6	22 700*	47.9	159.5	32 100*	55.4	164.4	40 700*							76.0
78.0	32.6	144.1	19 100*	36.9	148.9	22 000*	45.9	157.6	31 200*	53.6	162.9	39 900*							78.0
80.0	29.8	140.6	18 700*	34.4	146.0	21 500*	43.9	155.5	30 200*	51.9	161.3	39 200*							80.0
84.0	23.4	132.3	18 200*	29.0	139.2	20 400*	39.7	150.9	28 400*	48.2	157.9	37 500*	55.4	161.8	39 500*				84.0
88.0	14.3	119.8	18 500*	22.3	130.5	19 800*	35.0	145.4	26 800*	44.2	153.9	35 700*	51.9	158.7	39 500*				88.0
92.0				12.3	116.8	20 200*	29.6	138.9	25 400*	40.0	149.3	33 900*	48.3	155.3	39 500*				92.0
96.0							23.1	130.4	24 400*	35.3	143.9	32 100*	44.3	151.3	39 500*	51.8	155.2	37 400*	96.0
100.0							13.8	117.6	24 100*	30.0	137.4	30 500*	40.1	146.7	38 500*	48.1	151.8	37 400*	100.0
104.0										23.6	129.2	29 100*	35.5	141.4	36 700*	44.2	147.8	37 400*	104.0
108.0										14.7	116.9	27 500*	30.2	134.9	33 600*	39.9	143.2	37 400*	108.0
112.0													23.8	126.7	30 600*	35.3	137.8	36 000*	112.0
116.0													15.0	114.7	27 900*	29.9	131.3	33 600*	116.0
120.0																23.5	123.0	30 800*	120.0
124.0																14.5	110.6	28 100*	124.0

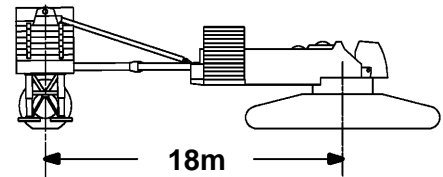


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

## 18000 With 21000 MAX-ER



### 103.6m (340 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	74.9	133.2	105 600*d																16.8
18.0	72.2	132.7	105 000*d																18.0
20.0	67.6	131.9	103 900*c																20.0
22.0	62.9	130.8	102 200*b	71.3	132.3	106 500*d													22.0
24.0	58.0	129.5	98 900*b	66.7	131.4	105 000*c													24.0
26.0	52.7	128.0	94 900*b	62.0	130.3	104 000*b													26.0
28.0	46.9	126.1	91 100*	57.0	129.0	101 300*b													28.0
30.0	40.5	123.8	87 800*	51.6	127.4	97 200*													30.0
32.0	33.0	120.8	85 000*	45.8	125.4	93 400*													32.0
34.0	23.1	116.5	83 800*	39.2	123.0	90 100*	64.3	129.6	107 000*c										34.0
36.0				31.4	119.8	87 300*	59.4	128.4	105 700*b										36.0
38.0				20.6	115.1	86 000*	54.2	126.9	104 600*b										38.0
40.0							48.7	125.1	101 800*										40.0
42.0							42.5	122.9	98 000*										42.0
44.0							35.3	120.2	94 600*										44.0
46.0							26.4	116.4	92 000*	56.4	125.4	105 500*b							46.0
48.0										51.0	123.8	104 700*b							48.0
50.0										45.1	121.8	103 900*							50.0
52.0										38.4	119.3	101 600*							52.0
54.0										30.4	116.0	98 300*							54.0
56.0										19.1	111.0	95 900*	52.7	121.5	103 700*b				56.0
58.0													46.9	119.6	103 500*				58.0
60.0													40.5	117.3	103 000*				60.0
62.0													33.0	114.3	102 700*				62.0
64.0													23.1	110.0	100 300*				64.0
66.0																47.9	116.4	90 200*	66.0
68.0																41.6	114.2	86 900*	68.0
70.0																34.4	111.3	83 900*	70.0
72.0																25.0	107.3	80 900*	72.0

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

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

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

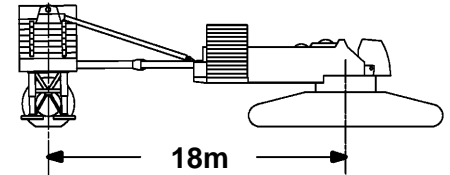


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

**18000 With  
 21000 MAX-ER**



## 103.6m (340 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	
19.8	72.3	138.6	95 000*c																19.8
20.0	71.9	138.5	94 900*c																20.0
22.0	68.2	137.7	93 400*c																22.0
24.0	64.4	136.7	90 100*b																24.0
26.0	60.5	135.5	86 700*b	67.5	137.2	95 200*b													26.0
28.0	56.3	134.2	83 200*	63.7	136.2	92 700*b													28.0
30.0	52.0	132.6	79 900*	59.7	135.0	89 300*b													30.0
32.0	47.3	130.7	76 600*	55.5	133.6	85 800*													32.0
34.0	42.3	128.5	73 700*	51.1	131.9	82 400*													34.0
36.0	36.6	125.9	71 100*	46.4	130.0	79 100*	65.5	135.4	95 300*b										36.0
38.0	29.9	122.5	69 200*	41.2	127.7	76 100*	61.6	134.3	95 100*b										38.0
40.0	21.1	117.8	68 500*	35.4	125.0	73 500*	57.6	133.0	93 800*										40.0
42.0				28.4	121.4	71 600*	53.3	131.5	91 000*										42.0
44.0				18.9	116.3	70 800*	48.7	129.7	87 600*										44.0
46.0							43.8	127.6	84 400*										46.0
48.0							38.3	125.1	81 400*	59.2	131.5	94 800*b							48.0
50.0							32.0	122.0	78 700*	55.1	130.1	94 400*							50.0
52.0							24.0	117.8	76 700*	50.6	128.4	93 400*							52.0
54.0										45.9	126.4	91 900*							54.0
56.0										40.6	124.1	88 700*							56.0
58.0										34.7	121.3	85 700*	56.3	127.7	94 800*				58.0
60.0										27.5	117.6	83 100*	52.0	126.1	93 500*				60.0
62.0										17.6	112.1	81 200*	47.3	124.2	92 500*				62.0
64.0													42.3	122.1	92 300*				64.0
66.0													36.6	119.4	91 600*				66.0
68.0													29.9	116.0	88 800*				68.0
70.0													21.1	111.3	86 400*	48.1	121.0	82 900*	70.0
72.0																43.1	118.9	80 000*	72.0
74.0																37.6	116.3	77 300*	74.0
76.0																31.1	113.1	74 800*	76.0
78.0																22.8	108.7	72 200*	78.0

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

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

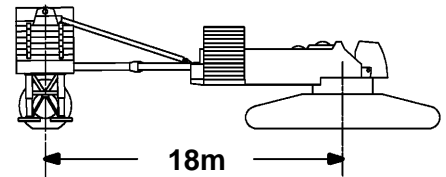


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 18m Position  
360 Degree Rating

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

**18000 With  
21000 MAX-ER**



## 103.6m (340 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 Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	72.8	144.5	84 800*c																21.3
22.0	71.8	144.2	84 000*c																22.0
24.0	68.6	143.4	81 500*b																24.0
26.0	65.4	142.5	78 700*b	71.2	143.8	86 000*b													26.0
28.0	62.2	141.4	75 800*	68.0	143.0	82 100*b													28.0
30.0	58.8	140.2	72 900*	64.8	142.0	81 300*b													30.0
32.0	55.2	138.8	70 000*	61.5	140.9	78 400*													32.0
34.0	51.5	137.2	67 200*	58.1	139.6	75 500*													34.0
36.0	47.6	135.3	64 500*	54.5	138.2	72 600*													36.0
38.0	43.4	133.2	62 000*	50.8	136.5	69 800*													38.0
40.0	38.8	130.7	59 800*	46.8	134.6	67 000*	63.1	140.2	83 700*										40.0
42.0	33.6	127.8	58 000*	42.5	132.5	64 500*	59.8	139.0	82 900*										42.0
44.0	27.6	124.1	56 600*	37.8	129.9	62 200*	56.3	137.6	80 800*										44.0
46.0	19.7	119.0	56 300*	32.6	126.8	60 300*	52.6	136.1	78 000*										46.0
48.0				26.2	123.0	58 900*	48.8	134.3	75 300*										48.0
50.0				17.7	117.4	58 500*	44.6	132.3	72 600*										50.0
52.0							40.2	129.9	70 000*	57.7	136.1	83 200*							52.0
54.0							35.2	127.1	67 600*	54.1	134.7	82 700*							54.0
56.0							29.5	123.7	65 600*	50.4	133.0	82 000*							56.0
58.0							22.3	119.1	64 100*	46.4	131.1	79 800*							58.0
60.0										42.1	128.9	77 200*							60.0
62.0										37.3	126.3	74 700*	55.2	132.3	82 000*				62.0
64.0										31.9	123.1	72 300*	51.5	130.7	81 800*				64.0
66.0										25.5	119.1	70 200*	47.6	128.9	81 700*				66.0
68.0										16.5	113.3	68 800*	43.4	126.7	81 300*				68.0
70.0													38.8	124.3	80 400*				70.0
72.0													33.6	121.3	78 000*	52.1	127.4	78 100*	72.0
74.0													27.6	117.6	75 800*	48.3	125.6	75 500*	74.0
76.0													19.7	112.6	73 900*	44.1	123.5	73 000*	76.0
78.0																39.6	121.1	70 600*	78.0
80.0																34.5	118.3	68 400*	80.0
84.0																21.2	110.0	64 000*	84.0

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

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

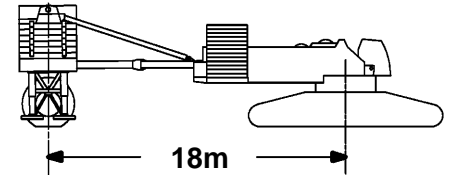


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
Boom No. 55 or No. 55A with 42.7m Mast No. 56  
223 170 kg Crane Counterweight  
145 150 kg Carbody Counterweight  
390 090 kg Wheeled Counterweight  
at 18m Position  
360 Degree Rating

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

**18000 With  
21000 MAX-ER**



## 103.6m (340 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	
22.9	73.1	150.4	75 300*b																22.9
24.0	71.6	150.0	74 100*b																24.0
26.0	68.9	149.2	71 900*b																26.0
28.0	66.2	148.3	69 500*	71.1	149.6	76 000*b													28.0
30.0	63.4	147.3	67 000*	68.4	148.7	73 700*b													30.0
32.0	60.5	146.1	64 500*	65.6	147.8	72 000*													32.0
34.0	57.5	144.8	62 000*	62.8	146.8	69 600*													34.0
36.0	54.4	143.4	59 500*	59.9	145.6	67 100*													36.0
38.0	51.2	141.8	57 100*	56.9	144.3	64 600*													38.0
40.0	47.8	139.9	54 900*	53.8	142.8	62 200*	67.0	147.0	78 100*										40.0
42.0	44.2	137.9	52 800*	50.5	141.1	59 800*	64.2	146.0	76 300*										42.0
44.0	40.3	135.5	50 900*	47.1	139.3	57 500*	61.3	144.9	74 400*										44.0
46.0	36.1	132.8	49 200*	43.5	137.2	55 300*	58.4	143.6	72 400*										46.0
48.0	31.4	129.6	47 900*	39.5	134.7	53 300*	55.3	142.2	70 200*										48.0
50.0	25.8	125.6	47 000*	35.2	131.9	51 500*	52.1	140.7	67 800*										50.0
52.0	18.6	120.3	46 800*	30.4	128.6	50 100*	48.8	138.9	65 500*	62.5	143.3	75 000*							52.0
54.0				24.6	124.4	49 100*	45.3	136.9	63 200*	59.6	142.1	74 800*							54.0
56.0				16.8	118.6	49 000*	41.5	134.7	60 900*	56.6	140.8	74 600*							56.0
58.0							37.4	132.1	58 800*	53.5	139.3	74 500*							58.0
60.0							32.8	129.0	57 000*	50.2	137.6	72 400*							60.0
62.0							27.5	125.3	55 400*	46.7	135.7	70 200*							62.0
64.0							20.9	120.4	54 200*	43.1	133.6	68 000*	57.5	138.4	73 800*				64.0
66.0										39.1	131.1	65 900*	54.4	136.9	73 800*				66.0
68.0										34.7	128.3	63 700*	51.2	135.3	73 600*				68.0
70.0										29.8	124.9	61 800*	47.8	133.5	73 400*				70.0
72.0										23.9	120.6	60 200*	44.2	131.4	72 900*				72.0
74.0										15.7	114.4	59 100*	40.3	129.1	71 600*				74.0
76.0													36.1	126.3	69 500*				76.0
78.0													31.4	123.1	67 600*	48.4	130.2	69 400*	78.0
80.0													25.8	119.2	65 700*	44.8	128.2	67 200*	80.0
84.0																36.8	123.2	63 000*	84.0
88.0																26.8	116.3	59 200*	88.0

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

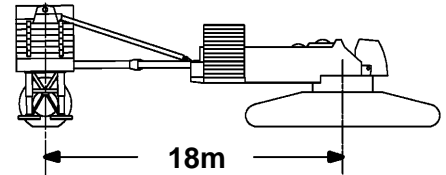


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

18000 With  
 21000 MAX-ER



## 103.6m (340 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	
24.4	73.4	156.3	66 500* <b>b</b>																24.4
26.0	71.5	155.7	65 000* <b>b</b>																26.0
28.0	69.2	155.0	63 100*																28.0
30.0	66.8	154.1	61 100*	71.1	155.3	67 300* <b>b</b>													30.0
32.0	64.3	153.1	59 000*	68.7	154.5	65 500*													32.0
34.0	61.8	152.0	56 800*	66.3	153.6	63 600*													34.0
36.0	59.2	150.8	54 700*	63.8	152.6	61 500*													36.0
38.0	56.5	149.5	52 500*	61.3	151.5	59 400*													38.0
40.0	53.8	148.0	50 500*	58.7	150.3	57 300*													40.0
42.0	50.9	146.4	48 500*	56.0	148.9	55 200*													42.0
44.0	47.9	144.6	46 600*	53.2	147.4	53 100*	65.0	151.8	67 500*										44.0
46.0	44.8	142.5	44 900*	50.4	145.7	51 100*	62.5	150.8	66 500*										46.0
48.0	41.5	140.3	43 300*	47.3	143.9	49 100*	59.9	149.6	64 700*										48.0
50.0	37.9	137.7	41 800*	44.2	141.8	47 300*	57.3	148.3	62 700*										50.0
52.0	34.0	134.8	40 600*	40.8	139.5	45 600*	54.6	146.9	60 800*										52.0
54.0	29.5	131.3	39 600*	37.1	136.9	44 100*	51.8	145.3	58 800*										54.0
56.0	24.4	127.1	39 000*	33.1	133.9	42 800*	48.8	143.5	56 800*	61.0	148.0	67 000*							56.0
58.0	17.7	121.4	39 000*	28.6	130.3	41 700*	45.7	141.6	54 800*	58.4	146.8	66 800*							58.0
60.0				23.2	125.9	41 000*	42.5	139.4	52 900*	55.7	145.4	66 500*							60.0
62.0				16.1	119.7	41 000*	38.9	136.9	51 100*	52.9	143.9	65 300*							62.0
64.0							35.1	134.1	49 500*	50.0	142.2	63 500*							64.0
66.0							30.9	130.8	48 000*	47.0	140.3	61 600*							66.0
68.0							26.0	126.9	46 800*	43.8	138.2	59 700*	56.5	143.0	65 200*				68.0
70.0							19.9	121.7	46 000*	40.4	135.9	57 900*	53.8	141.5	65 200*				70.0
72.0										36.7	133.2	56 100*	50.9	139.9	65 200*				72.0
74.0										32.7	130.2	54 400*	47.9	138.1	65 200*				74.0
76.0										28.1	126.5	52 800*	44.8	136.1	64 900*				76.0
78.0										22.6	122.0	51 500*	41.5	133.8	63 400*				78.0
80.0										15.1	115.5	50 700*	37.9	131.2	61 700*	51.4	136.6	63 100*	80.0
84.0													29.5	124.9	58 400*	45.3	132.8	61 100*	84.0
88.0													17.7	115.0	55 600*	38.5	128.1	57 400*	88.0
92.0																30.3	121.9	54 000*	92.0
96.0																19.0	112.5	50 700*	96.0

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



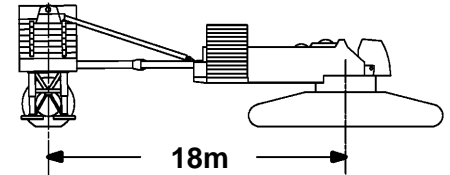


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

**18000 With  
 21000 MAX-ER**



## 103.6m (340 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	
25.9	73.7	162.2	59 000* <sup>b</sup>																25.9
26.0	73.6	162.2	58 900* <sup>b</sup>																26.0
28.0	71.5	161.5	57 400*																28.0
30.0	69.3	160.7	55 700*																30.0
32.0	67.2	159.9	54 000*	71.1	161.1	59 600*													32.0
34.0	65.0	158.9	52 200*	68.9	160.3	58 000*													34.0
36.0	62.8	157.9	50 300*	66.8	159.4	56 400*													36.0
38.0	60.5	156.7	48 500*	64.6	158.4	54 700*													38.0
40.0	58.2	155.5	46 700*	62.3	157.4	52 900*													40.0
42.0	55.8	154.1	44 900*	60.0	156.2	51 100*													42.0
44.0	53.3	152.6	43 200*	57.7	154.9	49 300*													44.0
46.0	50.7	151.0	41 500*	55.3	153.5	47 500*	65.6	157.6	60 500*										46.0
48.0	48.1	149.2	40 000*	52.8	152.0	45 700*	63.4	156.6	59 500*										48.0
50.0	45.3	147.2	38 500*	50.2	150.3	44 000*	61.2	155.5	58 000*										50.0
52.0	42.3	145.0	37 100*	47.5	148.5	42 300*	58.8	154.3	56 400*										52.0
54.0	39.2	142.5	35 800*	44.7	146.5	40 800*	56.5	152.9	54 700*										54.0
56.0	35.9	139.8	34 800*	41.7	144.2	39 400*	54.0	151.5	53 000*										56.0
58.0	32.2	136.7	33 800*	38.6	141.7	38 100*	51.5	149.9	51 400*	62.1	153.9	60 000*							58.0
60.0	28.0	133.0	33 100*	35.2	138.9	36 900*	48.8	148.1	49 600*	59.8	152.7	60 000*							60.0
62.0	23.2	128.6	32 700*	31.4	135.7	35 900*	46.1	146.2	48 000*	57.4	151.4	59 900*							62.0
64.0	17.0	122.6	32 800*	27.2	131.9	35 100*	43.2	144.1	46 400*	55.0	150.0	59 000*							64.0
66.0				22.2	127.2	34 600*	40.1	141.7	44 800*	52.5	148.5	57 500*							66.0
68.0				15.5	120.9	34 700*	36.8	139.0	43 400*	49.9	146.8	56 000*							68.0
70.0							33.3	136.0	42 000*	47.2	144.9	54 500*							70.0
72.0							29.3	132.5	40 900*	44.4	142.9	52 900*	55.8	147.6	58 400*				72.0
74.0							24.7	128.4	39 900*	41.4	140.6	51 300*	53.3	146.1	58 400*				74.0
76.0							19.0	123.0	39 300*	38.2	138.1	49 700*	50.7	144.5	58 400*				76.0
78.0										34.8	135.2	48 200*	48.1	142.7	58 400*				78.0
80.0										31.0	132.0	46 800*	45.3	140.7	57 900*				80.0
84.0										21.5	123.3	44 500*	39.2	136.1	55 200*	51.1	141.2	56 400*	84.0
88.0													32.2	130.2	52 300*	45.7	137.5	55 900*	88.0
92.0													23.2	122.1	49 600*	39.7	132.9	52 700*	92.0
96.0													5.3	104.5	48 100*	32.8	127.2	49 600*	96.0
100.0																24.1	119.3	46 700*	100.0

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

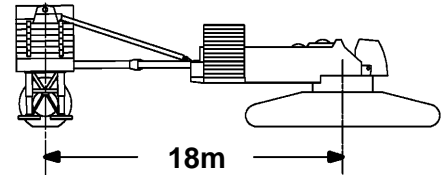


# Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On  
 Boom No. 55 or No. 55A with 42.7m Mast No. 56  
 223 170 kg Crane Counterweight  
 145 150 kg Carbody Counterweight  
 390 090 kg Wheeled Counterweight  
 at 18m Position  
 360 Degree Rating

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

**18000 With  
 21000 MAX-ER**



## 103.6m (340 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	
27.4	73.8	168.1	52 000*																27.4
28.0	73.3	167.9	51 700*																28.0
30.0	71.4	167.3	50 400*																30.0
32.0	69.5	166.5	48 900*	72.9	167.5	53 700*													32.0
34.0	67.5	165.7	47 400*	71.0	166.8	52 500*													34.0
36.0	65.6	164.7	45 900*	69.1	166.1	51 200*													36.0
38.0	63.6	163.7	44 300*	67.2	165.2	49 700*													38.0
40.0	61.5	162.6	42 800*	65.2	164.2	48 300*													40.0
42.0	59.4	161.4	41 200*	63.2	163.2	46 800*													42.0
44.0	57.3	160.1	39 700*	61.1	162.1	45 200*													44.0
46.0	55.1	158.7	38 200*	59.0	160.9	43 700*													46.0
48.0	52.9	157.2	36 700*	56.9	159.6	42 100*	66.1	163.4	53 900*										48.0
50.0	50.6	155.6	35 300*	54.7	158.2	40 600*	64.2	162.4	52 800*										50.0
52.0	48.1	153.8	34 000*	52.4	156.6	39 100*	62.1	161.4	51 600*										52.0
54.0	45.6	151.8	32 800*	50.1	154.9	37 700*	60.1	160.2	50 300*										54.0
56.0	43.0	149.7	31 600*	47.7	153.1	36 300*	57.9	158.9	48 900*										56.0
58.0	40.3	147.3	30 600*	45.1	151.1	35 000*	55.8	157.6	47 500*										58.0
60.0	37.3	144.7	29 600*	42.5	148.9	33 800*	53.5	156.1	46 000*										60.0
62.0	34.1	141.8	28 800*	39.7	146.5	32 700*	51.2	154.5	44 600*	60.9	158.6	54 000*							62.0
64.0	30.7	138.5	28 100*	36.7	143.9	31 700*	48.9	152.7	43 200*	58.8	157.4	53 400*							64.0
66.0	26.8	134.6	27 600*	33.5	140.9	30 800*	46.4	150.8	41 800*	56.7	156.1	52 900*							66.0
68.0	22.2	129.9	27 400*	30.0	137.5	30 000*	43.8	148.7	40 400*	54.5	154.6	51 700*							68.0
70.0	16.5	123.8	27 500*	26.0	133.5	29 400*	41.1	146.4	39 100*	52.2	153.1	50 500*							70.0
72.0				21.2	128.6	29 100*	38.2	143.9	37 800*	49.8	151.4	49 200*							72.0
74.0				15.1	122.0	29 300*	35.1	141.1	36 700*	47.4	149.5	47 900*							74.0
76.0							31.7	137.9	35 600*	44.9	147.5	46 500*	55.1	152.3	51 800*				76.0
78.0							28.0	134.2	34 700*	42.2	145.3	45 200*	52.9	150.7	51 800*				78.0
80.0							23.6	129.8	34 000*	39.4	142.9	43 900*	50.6	149.1	51 800*				80.0
84.0										33.1	137.2	41 300*	45.6	145.3	51 300*				84.0
88.0										25.5	129.6	39 200*	40.3	140.8	48 900*	50.9	145.8	49 600*	88.0
92.0										14.2	117.7	37 900*	34.1	135.3	46 500*	46.1	142.1	49 600*	92.0
96.0													26.8	128.1	44 200*	40.7	137.7	47 800*	96.0
100.0													16.5	117.3	42 300*	34.7	132.2	45 000*	100.0
104.0																27.5	125.2	42 300*	104.0
108.0																17.5	114.9	39 800*	108.0

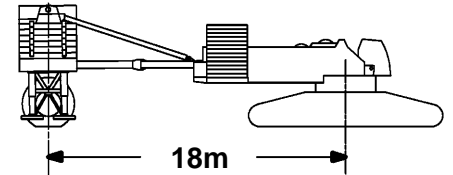


# Liftcrane Luffing Jib Capacities

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  
 390 090 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**



## 103.6m (340 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	
29.0	74.0	174.0	46 100*																29.0
30.0	73.1	173.7	45 500*																30.0
32.0	71.4	173.0	44 300*																32.0
34.0	69.6	172.3	43 100*																34.0
36.0	67.8	171.4	41 800*	71.0	172.6	46 300*													36.0
38.0	66.0	170.5	40 500*	69.3	171.8	45 200*													38.0
40.0	64.2	169.6	39 200*	67.5	171.0	44 000*													40.0
42.0	62.4	168.5	37 800*	65.7	170.1	42 800*													42.0
44.0	60.5	167.4	36 500*	63.9	169.1	41 500*													44.0
46.0	58.6	166.1	35 200*	62.0	168.0	40 200*													46.0
48.0	56.6	164.8	33 900*	60.1	166.8	38 900*													48.0
50.0	54.6	163.4	32 600*	58.2	165.6	37 600*	66.6	169.2	48 000*										50.0
52.0	52.5	161.8	31 400*	56.2	164.2	36 300*	64.8	168.3	47 000*										52.0
54.0	50.4	160.2	30 200*	54.2	162.8	35 000*	62.9	167.2	46 100*										54.0
56.0	48.2	158.4	29 100*	52.1	161.2	33 700*	61.0	166.1	45 000*										56.0
58.0	45.9	156.4	28 100*	50.0	159.5	32 500*	59.1	164.9	43 900*										58.0
60.0	43.6	154.3	27 100*	47.8	157.7	31 300*	57.2	163.6	42 700*										60.0
62.0	41.1	152.0	26 200*	45.5	155.7	30 200*	55.2	162.2	41 400*										62.0
64.0	38.5	149.5	25 400*	43.1	153.6	29 200*	53.1	160.7	40 200*	61.8	164.5	47 600*							64.0
66.0	35.7	146.8	24 600*	40.6	151.3	28 200*	51.0	159.1	39 000*	59.9	163.3	47 600*							66.0
68.0	32.7	143.7	24 000*	37.9	148.7	27 400*	48.9	157.3	37 800*	58.0	162.1	47 300*							68.0
70.0	29.4	140.2	23 500*	35.1	145.9	26 500*	46.6	155.4	36 500*	56.0	160.7	46 500*							70.0
72.0	25.7	136.1	23 100*	32.1	142.7	25 900*	44.3	153.4	35 400*	54.0	159.3	45 500*							72.0
74.0	21.4	131.3	23 000*	28.7	139.2	25 300*	41.8	151.1	34 200*	51.9	157.7	44 500*							74.0
76.0	16.0	124.9	23 200*	24.9	135.0	24 800*	39.2	148.7	33 200*	49.8	156.0	43 400*							76.0
78.0				20.5	129.9	24 700*	36.5	146.0	32 200*	47.5	154.1	42 300*	56.6	158.3	46 000*				78.0
80.0				14.7	123.1	24 800*	33.6	143.0	31 200*	45.2	152.2	41 200*	54.6	156.9	46 000*				80.0
84.0							26.8	135.8	29 700*	40.3	147.6	38 900*	50.4	153.7	46 000*				84.0
88.0							17.7	125.4	28 800*	34.8	142.2	36 700*	45.9	149.9	45 600*				88.0
92.0										28.3	135.4	34 800*	41.1	145.6	43 700*	50.8	150.4	43 600*	92.0
96.0										19.9	125.9	33 300*	35.7	140.3	41 600*	46.3	146.7	43 600*	96.0
100.0													29.4	133.7	39 600*	41.5	142.4	43 400*	100.0
104.0													21.4	124.8	37 800*	36.1	137.2	41 100*	104.0
108.0													6.7	107.3	36 900*	29.9	130.7	38 700*	108.0
112.0																22.2	122.1	36 400*	112.0

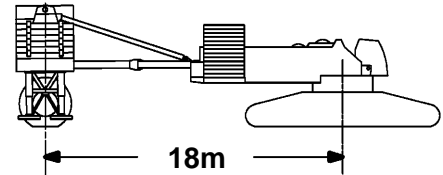


# Liftcrane Luffing Jib Capacities

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  
 390 090 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**



## 103.6m (340 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	
30.5	74.1	179.9	40 000*																30.5
32.0	72.9	179.5	39 400*																32.0
34.0	71.3	178.8	38 400*																34.0
36.0	69.7	178.0	37 400*																36.0
38.0	68.1	177.2	36 400*	71.0	178.3	40 300*													38.0
40.0	66.4	176.3	35 300*	69.4	177.6	39 400*													40.0
42.0	64.8	175.4	34 200*	67.8	176.7	38 400*													42.0
44.0	63.1	174.4	33 100*	66.1	175.9	37 400*													44.0
46.0	61.4	173.2	32 000*	64.5	174.9	36 300*													46.0
48.0	59.6	172.1	30 800*	62.8	173.8	35 200*													48.0
50.0	57.8	170.8	29 700*	61.0	172.7	34 100*													50.0
52.0	56.0	169.4	28 700*	59.3	171.5	33 100*	66.9	175.0	41 800*										52.0
54.0	54.2	168.0	27 600*	57.5	170.2	31 900*	65.3	174.1	41 100*										54.0
56.0	52.3	166.4	26 600*	55.7	168.9	30 900*	63.6	173.1	40 300*										56.0
58.0	50.3	164.8	25 600*	53.8	167.4	29 800*	61.9	172.0	39 500*										58.0
60.0	48.3	163.0	24 700*	51.9	165.8	28 800*	60.1	170.8	38 600*										60.0
62.0	46.2	161.1	23 800*	49.9	164.1	27 700*	58.4	169.6	37 600*										62.0
64.0	44.0	159.0	23 000*	47.9	162.3	26 800*	56.6	168.2	36 600*										64.0
66.0	41.8	156.7	22 200*	45.8	160.4	25 900*	54.7	166.8	35 700*	62.6	170.4	41 100*							66.0
68.0	39.4	154.3	21 500*	43.6	158.3	25 000*	52.8	165.3	34 700*	60.8	169.2	41 100*							68.0
70.0	36.9	151.7	20 800*	41.3	156.0	24 100*	50.9	163.7	33 600*	59.1	168.0	41 100*							70.0
72.0	34.3	148.7	20 300*	38.9	153.5	23 400*	48.9	161.9	32 600*	57.3	166.7	41 000*							72.0
74.0	31.4	145.5	19 800*	36.4	150.8	22 700*	46.8	160.0	31 600*	55.5	165.4	40 200*							74.0
76.0	28.3	141.9	19 400*	33.7	147.9	22 100*	44.7	158.0	30 700*	53.6	163.9	39 400*							76.0
78.0	24.8	137.7	19 200*	30.8	144.6	21 500*	42.4	155.8	29 700*	51.7	162.3	38 600*							78.0
80.0	20.7	132.6	19 100*	27.6	140.8	21 100*	40.1	153.4	28 800*	49.7	160.6	37 700*							80.0
84.0				19.8	131.2	20 700*	35.1	148.0	27 100*	45.6	156.8	35 900*	54.2	161.5	39 600*				84.0
88.0							29.2	141.4	25 700*	41.1	152.4	34 000*	50.3	158.3	39 600*				88.0
92.0							22.0	132.6	24 800*	36.1	147.2	32 200*	46.2	154.6	39 600*				92.0
96.0							10.4	117.7	24 800*	30.5	140.8	30 500*	41.8	150.3	38 200*	50.6	155.0	37 800*	96.0
100.0										23.6	132.6	29 200*	36.9	145.2	36 600*	46.5	151.3	37 800*	100.0
104.0										13.6	119.9	28 400*	31.4	139.0	34 900*	42.2	147.1	37 800*	104.0
108.0													24.8	131.2	33 400*	37.3	142.1	36 300*	108.0
112.0													15.6	119.6	32 200*	31.9	136.0	34 500*	112.0
116.0																25.4	128.4	32 500*	116.0
120.0																16.5	117.3	30 400*	120.0