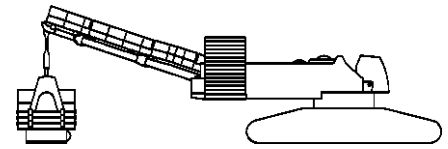


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. **Caution: Do not luff into areas indicated by (b) 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.

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum luffing jib capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging and traveling. Exit MAX-ER mode before operating without hanging 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 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. 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. 8556-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 Operator's 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. 8564-A**.

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 211 830 kg hanging counterweight.

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

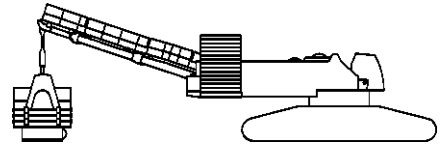
Upper Luffing Jib Point Capacity For Liftcrane Service - Whip Line		
28 mm		32 mm
Drum 2	Drum 3	Drum 2
Single Part Line		
16 240 kg	13 610 kg	22 140 kg
Two Part Line		
Upper Boom Point No. A08516		
32 480 kg	27 220 kg	44 270 kg
In all cases, upper luffing jib point capacities cannot exceed those listed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

Liftcrane Luffing Jib Capacities

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 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	64,5	75,6	201 100	273 800*													24,4
26,0	60,6	74,6	185 900	256 200*													26,0
28,0	55,5	73,2	169 700	237 100*													28,0
30,0	50,0	71,5	155 700	220 500*													30,0
32,0	44,0	69,4	143 500	205 900*	55,9	72,3	134 400	199 800*									32,0
34,0	37,2	66,8	132 800	192 900*	50,4	70,6	124 400	187 300*									34,0
36,0	28,8	63,4	123 100	174 500*	44,5	68,6	115 600	176 000*									36,0
38,0					37,7	66,0	107 600	165 900*	50,5	69,3	100 300	161 000*					38,0
40,0					29,5	62,6	100 300	156 700*	44,6	67,2	93 700	152 200*					40,0
42,0					17,5	57,3	93 400	141 100*	37,8	64,7	87 600	144 100*	50,3	67,4	81 300	139 800*	42,0
44,0									29,7	61,3	82 000	136 700*	44,3	65,4	76 100	132 700*	44,0
46,0													37,5	62,8	71 400	126 200*	46,0
48,0													29,2	59,4	67 000	120 100*	48,0
50,0													17,0	53,9	62 700	114 300*	50,0

48,8m (160 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	66,6	81,6	186 400	256 300*													25,9
26,0	66,4	81,6	185 700	255 400*													26,0
28,0	62,6	80,5	169 400	236 400*													28,0
30,0	58,5	79,3	155 500	219 900*													30,0
32,0	54,3	77,8	143 500	205 400*	62,8	79,6	133 800	198 900*									32,0
34,0	49,8	76,1	132 900	192 500*	58,8	78,3	123 900	186 500*									34,0
36,0	45,0	74,1	123 500	181 000*	54,6	76,9	115 100	175 400*									36,0
38,0	39,7	71,7	115 100	170 700*	50,2	75,2	107 400	165 400*									38,0
40,0	33,6	68,8	107 600	159 700*	45,4	73,2	100 300	156 400*	54,7	75,6	93 000	151 500*					40,0
42,0	26,1	64,9	100 700	143 800*	40,1	70,9	94 000	148 200*	50,3	73,9	87 100	143 500*					42,0
44,0					34,0	68,0	88 200	140 600*	45,5	71,9	81 700	136 200*	50,0	72,1	70 700	125 400*	44,0
46,0					26,7	64,2	82 800	133 700*	40,2	69,5	76 800	129 600*	45,2	70,1	66 500	119 500*	46,0
48,0					16,2	58,4	77 500	120 600*	34,2	66,6	72 200	123 500*	39,9	67,7	62 600	114 000*	48,0
50,0									26,9	62,9	68 000	117 700*	33,9	64,7	59 000	108 900*	50,0
52,0																	52,0
54,0													26,5	60,9	55 600	104 200*	54,0
56,0													15,8	55,0	52 100	99 500*	56,0

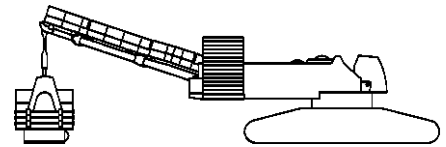
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	65,6	86,9	161 200	226 800*													29,0
30,0	63,9	86,4	154 300	218 600*													30,0
32,0	60,6	85,2	142 200	204 000*													32,0
34,0	57,1	83,9	131 700	191 200*													34,0
36,0	53,5	82,4	122 400	179 800*	60,8	84,3	113 600	173 900*									36,0
38,0	49,7	80,7	114 100	169 600*	57,4	83,0	105 800	163 900*									38,0
40,0	45,6	78,7	106 700	160 000*	53,8	81,5	98 900	155 000*									40,0
42,0	41,3	76,5	100 000	148 900*	50,0	79,8	92 600	146 900*									42,0
44,0	36,4	73,8	93 900	138 100*	45,9	77,9	86 900	139 400*	53,8	80,2	80 000	134 800*					44,0
46,0	30,9	70,5	88 200	128 600*	41,6	75,6	81 800	132 700*	50,1	78,5	75 200	128 200*					46,0
48,0	24,2	66,3	83 000	117 100*	36,8	73,0	77 000	126 400*	46,0	76,5	70 800	122 100*					48,0
50,0					31,3	69,8	72 600	120 600*	41,7	74,3	66 700	116 500*	49,9	76,6	60 900	112 500*	50,0
52,0					24,7	65,7	68 400	115 100*	36,9	71,7	62 900	111 300*	45,8	74,7	57 400	107 600*	52,0
54,0					15,3	59,5	64 300	103 800*	31,5	68,5	59 300	106 500*	41,5	72,4	54 100	102 900*	54,0
56,0									24,9	64,4	56 000	102 000*	36,7	69,8	51 100	98 500*	56,0
58,0													31,2	66,6	48 200	94 400*	58,0
60,0													24,5	62,4	45 500	90 500*	60,0
62,0													14,9	56,1	42 700	86 600*	62,0

48,8m (160 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	67,0	92,9	150 400	213 800*													30,5
32,0	64,9	92,2	141 400	203 100*													32,0
34,0	62,0	91,1	130 900	190 300*													34,0
36,0	59,1	89,9	121 600	178 900*													36,0
38,0	56,0	88,6	113 400	168 700*													38,0
40,0	52,9	87,0	106 000	159 500*	59,3	89,0	97 800	154 000*									40,0
42,0	49,6	85,3	99 300	149 900*	56,3	87,6	91 600	145 900*									42,0
44,0	46,1	83,4	93 300	138 900*	53,1	86,1	86 000	138 500*									44,0
46,0	42,4	81,2	87 800	129 400*	49,8	84,4	80 900	131 800*	56,3	86,3	74 000	127 100*					46,0
48,0	38,4	78,7	82 700	121 000*	46,4	82,5	76 200	125 600*	53,2	84,8	69 700	121 100*					48,0
50,0	33,9	75,8	78 000	113 300*	42,7	80,3	71 900	119 800*	49,9	83,1	65 600	115 600*					50,0
52,0	28,9	72,2	73 700	106 400*	38,7	77,8	67 900	114 500*	46,4	81,2	61 900	110 400*					52,0
54,0	22,7	67,7	69 600	97 700*	34,3	75,0	64 100	109 600*	42,8	79,0	58 500	105 700*	49,7	81,2	53 000	101 900*	54,0
56,0					29,3	71,5	60 600	105 000*	38,8	76,5	55 300	101 200*	46,3	79,3	50 000	97 600*	56,0
58,0					23,2	67,1	57 300	100 500*	34,4	73,6	52 300	97 100*	42,6	77,2	47 200	93 500*	58,0
60,0					14,6	60,6	54 000	87 400*	29,4	70,2	49 500	93 200*	38,6	74,7	44 600	89 700*	60,0
62,0									23,3	65,8	46 700	89 300*	34,1	71,7	42 200	86 100*	62,0
64,0									14,9	59,3	44 000	85 700*	29,1	68,2	39 800	82 700*	64,0
66,0													23,0	63,8	37 600	79 400*	66,0
68,0													14,3	57,2	35 300	76 300*	68,0

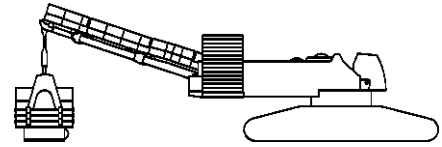


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

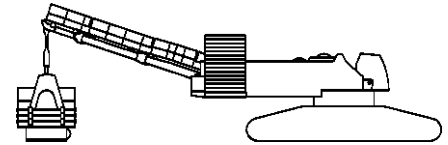
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	66,2	98,2	131 700	190 500*													33,5
34,0	65,6	98,0	129 400	188 100*													34,0
36,0	63,1	97,0	120 100	177 500*													36,0
38,0	60,6	95,8	111 800	167 300*													38,0
40,0	57,9	94,6	104 500	158 000*													40,0
42,0	55,2	93,2	97 800	148 900*	60,7	94,9	89 900	144 400*									42,0
44,0	52,4	91,6	91 900	138 400*	58,1	93,7	84 200	137 000*									44,0
46,0	49,5	89,9	86 400	128 900*	55,4	92,2	79 100	130 300*									46,0
48,0	46,5	88,0	81 400	120 500*	52,6	90,7	74 500	124 100*									48,0
50,0	43,2	85,9	76 800	112 900*	49,7	89,0	70 200	118 400*	55,5	90,9	63 700	114 000*					50,0
52,0	39,8	83,5	72 500	106 000*	46,7	87,1	66 300	113 200*	52,7	89,4	60 100	108 900*					52,0
54,0	36,1	80,8	68 600	99 800*	43,5	85,0	62 600	108 300*	49,8	87,7	56 700	104 200*					54,0
56,0	31,9	77,6	64 900	94 100*	40,1	82,6	59 200	103 700*	46,8	85,8	53 600	99 800*					56,0
58,0	27,2	73,8	61 400	88 800*	36,3	79,9	56 100	99 400*	43,6	83,7	50 600	95 700*	49,7	85,8	45 300	92 000*	58,0
60,0	21,5	69,1	58 100	81 700*	32,2	76,8	53 000	94 700*	40,1	81,3	47 900	91 800*	46,6	83,9	42 800	88 200*	60,0
62,0					27,6	73,1	50 200	89 300*	36,4	78,6	45 300	88 100*	43,4	81,8	40 400	84 600*	62,0
64,0					22,0	68,4	47 500	84 100*	32,3	75,5	42 900	84 600*	40,0	79,4	38 200	81 300*	64,0
66,0					14,1	61,7	44 800	73 700*	27,7	71,8	40 500	81 400*	36,2	76,7	36 000	78 200*	66,0
68,0									22,1	67,2	38 300	78 200*	32,1	73,6	34 000	75 200*	68,0
70,0									14,3	60,4	36 000	75 200*	27,4	69,9	32 100	72 300*	70,0
72,0													21,8	65,2	30 200	69 700*	72,0
74,0													13,8	58,3	28 300	67 000*	74,0

Liftcrane Luffing Jib Capacities

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145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	67,2	104,3	123 200	162 900*													35,1
36,0	66,2	103,8	119 000	161 200*													36,0
38,0	63,9	102,8	110 700	157 400*													38,0
40,0	61,7	101,7	103 400	153 300*													40,0
42,0	59,4	100,5	96 800	147 800*													42,0
44,0	57,0	99,2	90 800	138 100*													44,0
46,0	54,6	97,8	85 300	128 500*	59,6	99,6	77 900	129 100*									46,0
48,0	52,1	96,2	80 400	120 000*	57,2	98,3	73 300	123 000*									48,0
50,0	49,5	94,5	75 800	112 400*	54,8	96,9	69 000	117 400*									50,0
52,0	46,7	92,6	71 600	105 500*	52,3	95,3	65 100	112 100*	57,2	96,9	58 700	107 700*					52,0
54,0	43,9	90,5	67 600	99 300*	49,7	93,6	61 500	107 200*	54,8	95,5	55 300	103 000*					54,0
56,0	40,9	88,2	64 000	93 600*	46,9	91,7	58 100	102 700*	52,3	94,0	52 200	98 700*					56,0
58,0	37,6	85,7	60 600	88 400*	44,1	89,7	55 000	98 500*	49,7	92,3	49 400	94 600*					58,0
60,0	34,1	82,7	57 500	83 600*	41,1	87,4	52 000	94 200*	47,0	90,4	46 600	90 800*	52,2	92,2	41 400	87 100*	60,0
62,0	30,3	79,4	54 500	79 100*	37,9	84,8	49 300	88 900*	44,2	88,3	44 100	87 200*	49,6	90,4	39 000	83 600*	62,0
64,0	25,9	75,4	51 700	74 700*	34,4	81,9	46 700	84 100*	41,2	86,0	41 700	83 700*	46,9	88,6	36 800	80 200*	64,0
66,0	20,5	70,4	48 900	68 900*	30,6	78,6	44 200	79 600*	38,0	83,5	39 500	80 500*	44,0	86,5	34 800	77 100*	66,0
68,0					26,2	74,7	41 900	75 300*	34,5	80,6	37 300	77 400*	41,0	84,2	32 800	74 200*	68,0
70,0					21,0	69,8	39 700	71 000*	30,7	77,3	35 300	74 500*	37,8	81,6	30 900	71 400*	70,0
72,0					13,7	62,7	37 400	62 800*	26,3	73,4	33 400	71 800*	34,3	78,7	29 200	68 800*	72,0
74,0									21,1	68,5	31 500	69 100*	30,5	75,4	27 500	66 300*	74,0
76,0									13,9	61,5	29 600	66 600*	26,1	71,4	25 900	63 900*	76,0
78,0													20,8	66,5	24 300	61 600*	78,0
80,0													13,5	59,3	22 600	59 300*	80,0

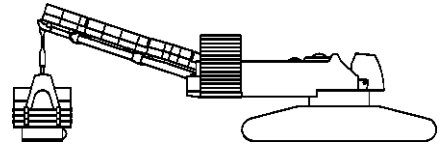


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

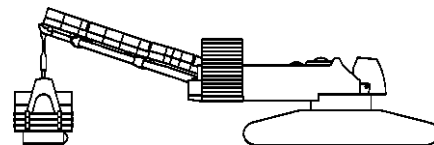
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	66,5	109,6	108 700	141 700*													38,1
40,0	64,6	108,7	101 700	138 200*													40,0
42,0	62,6	107,6	95 100	134 300*													42,0
44,0	60,5	106,5	89 100	130 200*													44,0
46,0	58,4	105,2	83 700	125 800*													46,0
48,0	56,3	103,9	78 700	119 000*	60,7	105,5	71 400	121 500*									48,0
50,0	54,1	102,4	74 200	111 200*	58,6	104,3	67 200	115 800*									50,0
52,0	51,8	100,8	70 000	104 300*	56,4	102,9	63 300	110 600*									52,0
54,0	49,4	99,1	66 100	98 100*	54,2	101,5	59 700	105 800*									54,0
56,0	47,0	97,2	62 500	92 400*	52,0	99,9	56 400	101 300*	56,5	101,6	50 300	97 100*					56,0
58,0	44,4	95,2	59 200	87 200*	49,6	98,2	53 300	97 100*	54,3	100,1	47 400	93 000*					58,0
60,0	41,7	92,9	56 100	82 500*	47,2	96,3	50 400	92 900*	52,0	98,6	44 700	89 200*					60,0
62,0	38,9	90,5	53 100	78 100*	44,6	94,3	47 700	87 700*	49,6	96,9	42 200	85 600*					62,0
64,0	35,8	87,7	50 400	74 000*	41,9	92,1	45 100	82 900*	47,2	95,0	39 900	82 200*	51,9	96,7	34 800	78 600*	64,0
66,0	32,5	84,6	47 800	70 200*	39,1	89,6	42 700	78 500*	44,7	93,0	37 700	79 000*	49,5	95,0	32 700	75 500*	66,0
68,0	28,9	81,1	45 300	66 500*	36,1	86,9	40 400	74 400*	42,0	90,7	35 600	76 000*	47,1	93,2	30 800	72 600*	68,0
70,0	24,7	76,9	42 900	62 800*	32,8	83,8	38 300	70 500*	39,1	88,3	33 600	73 200*	44,5	91,1	29 000	69 900*	70,0
72,0	19,7	71,7	40 700	57 900*	29,2	80,3	36 200	67 000*	36,1	85,6	31 800	70 500*	41,8	88,9	27 300	67 300*	72,0
74,0					25,1	76,2	34 300	63 400*	32,9	82,5	30 000	67 900*	39,0	86,4	25 700	64 900*	74,0
76,0					20,1	71,1	32 400	59 800*	29,2	79,0	28 200	65 500*	36,0	83,7	24 100	62 500*	76,0
78,0					13,4	63,8	30 500	53 100*	25,1	74,9	26 600	63 100*	32,7	80,6	22 600	60 300*	78,0
80,0									20,2	69,8	25 000	60 200*	29,1	77,1	21 200	58 200*	80,0
84,0													20,0	67,8	18 400	54 100*	84,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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

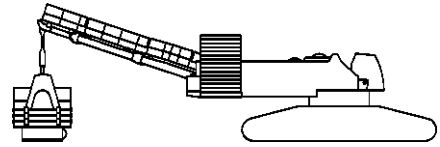
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	67,3	115,6	101 800	122 800*													39,6
40,0	67,0	115,4	100 500	122 300*													40,0
42,0	65,2	114,5	93 900	119 500*													42,0
44,0	63,4	113,4	87 900	115 700*													44,0
46,0	61,5	112,3	82 500	112 000*													46,0
48,0	59,6	111,2	77 500	108 100*													48,0
50,0	57,7	109,9	72 900	104 300*	61,6	111,4	65 800	111 800*									50,0
52,0	55,7	108,5	68 800	100 400*	59,7	110,2	61 900	108 300*									52,0
54,0	53,6	107,0	64 900	96 500*	57,8	108,9	58 300	104 600*									54,0
56,0	51,5	105,4	61 300	91 700*	55,8	107,6	55 000	100 100*									56,0
58,0	49,4	103,7	58 000	86 300*	53,8	106,1	51 900	95 900*	57,8	107,6	46 000	91 800*					58,0
60,0	47,2	101,8	54 900	81 600*	51,7	104,5	49 000	91 800*	55,9	106,2	43 300	88 000*					60,0
62,0	44,8	99,8	52 000	77 200*	49,5	102,8	46 300	86 800*	53,8	104,7	40 800	84 500*					62,0
64,0	42,4	97,6	49 300	73 100*	47,3	101,0	43 800	81 900*	51,7	103,2	38 500	81 100*					64,0
66,0	39,9	95,2	46 700	69 300*	45,0	98,9	41 500	77 500*	49,6	101,4	36 300	77 900*					66,0
68,0	37,2	92,6	44 300	65 800*	42,6	96,8	39 200	73 400*	47,4	99,6	34 200	74 900*	51,6	101,3	29 300	71 500*	68,0
70,0	34,3	89,7	42 000	62 500*	40,1	94,4	37 100	69 600*	45,1	97,6	32 300	72 100*	49,5	99,6	27 600	68 800*	70,0
72,0	31,2	86,5	39 800	59 300*	37,4	91,8	35 100	66 100*	42,6	95,4	30 500	69 400*	47,3	97,8	25 900	66 200*	72,0
74,0	27,7	82,7	37 700	56 200*	34,5	88,9	33 200	62 800*	40,1	93,1	28 700	66 900*	44,9	95,8	24 300	63 800*	74,0
76,0	23,8	78,4	35 800	53 100*	31,4	85,7	31 400	59 700*	37,4	90,5	27 000	64 500*	42,5	93,6	22 700	61 400*	76,0
78,0	19,0	72,9	33 800	48 800*	28,0	82,0	29 700	56 700*	34,6	87,6	25 500	62 200*	40,0	91,2	21 300	59 200*	78,0
80,0					24,1	77,7	28 000	53 600*	31,5	84,4	23 900	59 800*	37,3	88,6	19 900	57 100*	80,0
84,0					13,1	64,9	24 700	45 200*	24,2	76,4	21 000	53 900*	31,3	82,5	17 300	53 200*	84,0
88,0									13,3	63,7	18 200	47 900*	24,0	74,4	14 900	49 600*	88,0
92,0													12,9	61,5	12 400	46 200*	92,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

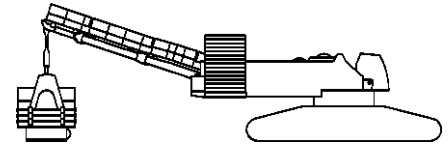
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	65,5	120,2	85 600	103 800*													44,2
46,0	64,0	119,3	80 700	100 800*													46,0
48,0	62,3	118,2	75 800	97 300*													48,0
50,0	60,5	117,1	71 300	93 800*													50,0
52,0	58,8	115,8	67 100	90 300*	62,4	117,3	60 000	97 000*									52,0
54,0	57,0	114,5	63 200	86 800*	60,7	116,1	56 400	93 800*									54,0
56,0	55,1	113,1	59 700	83 400*	58,9	114,9	53 100	90 600*									56,0
58,0	53,3	111,6	56 300	79 900*	57,1	113,6	50 100	87 300*									58,0
60,0	51,3	110,0	53 300	76 600*	55,3	112,2	47 200	83 900*									60,0
62,0	49,4	108,3	50 400	73 300*	53,4	110,7	44 500	80 600*									62,0
64,0	47,3	106,5	47 700	70 100*	51,5	109,1	42 100	77 300*	55,3	110,9	36 500	79 500*					64,0
66,0	45,2	104,5	45 100	67 100*	49,5	107,4	39 700	74 100*	53,4	109,4	34 300	76 400*					66,0
68,0	43,0	102,3	42 700	64 100*	47,5	105,6	37 500	70 900*	51,5	107,8	32 300	73 400*					68,0
70,0	40,7	100,0	40 500	61 100*	45,3	103,6	35 400	67 900*	49,5	106,1	30 400	70 600*					70,0
72,0	38,2	97,5	38 300	58 000*	43,1	101,4	33 400	64 700*	47,5	104,2	28 600	67 900*	51,4	105,9	23 800	64 600*	72,0
74,0	35,7	94,7	36 300	55 200*	40,8	99,1	31 500	61 400*	45,4	102,2	26 900	65 400*	49,4	104,2	22 200	62 200*	74,0
76,0	32,9	91,7	34 400	52 400*	38,4	96,6	29 800	58 400*	43,2	100,1	25 200	63 000*	47,4	102,4	20 800	59 900*	76,0
78,0	30,0	88,2	32 500	49 800*	35,9	93,9	28 100	55 400*	40,9	97,8	23 600	60 700*	45,3	100,4	19 400	57 700*	78,0
80,0	26,7	84,3	30 800	47 100*	33,1	90,8	26 500	52 700*	38,5	95,3	22 200	58 400*	43,1	98,3	18 000	55 600*	80,0
84,0	18,4	74,2	27 400	40 700*	26,9	83,6	23 400	47 600*	33,2	89,5	19 400	52 900*	38,4	93,4	15 400	51 800*	84,0
88,0					18,8	73,6	20 600	42 400*	27,0	82,3	16 800	47 800*	33,1	87,6	13 100	48 200*	88,0
92,0									18,9	72,3	14 400	42 700*	26,8	80,4	10 900	45 000*	92,0
96,0													18,7	70,3	8 800	41 900*	96,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	63,9	124,7	72 700	86 700*													48,8
50,0	62,9	124,1	69 900	84 700*													50,0
52,0	61,3	123,0	65 800	81 500*													52,0
54,0	59,7	121,8	61 900	78 300*													54,0
56,0	58,1	120,5	58 300	75 100*	61,5	122,0	51 700	81 300*									56,0
58,0	56,4	119,2	55 000	71 900*	59,8	120,8	48 600	78 300*									58,0
60,0	54,7	117,8	51 900	68 800*	58,2	119,6	45 800	75 300*									60,0
62,0	53,0	116,2	49 100	65 800*	56,5	118,3	43 100	72 300*									62,0
64,0	51,2	114,6	46 400	62 800*	54,8	116,8	40 600	69 300*									64,0
66,0	49,3	112,9	43 800	59 900*	53,1	115,3	38 300	66 300*	56,6	116,9	32 800	71 600*					66,0
68,0	47,4	111,1	41 400	57 100*	51,3	113,7	36 100	63 400*	54,9	115,5	30 800	68 800*					68,0
70,0	45,5	109,1	39 200	54 400*	49,5	112,0	34 000	60 600*	53,1	114,0	28 900	66 000*					70,0
72,0	43,5	107,0	37 100	51 800*	47,6	110,2	32 100	57 800*	51,3	112,4	27 100	63 300*					72,0
74,0	41,3	104,7	35 100	49 300*	45,6	108,2	30 200	55 100*	49,5	110,7	25 400	60 500*					74,0
76,0	39,1	102,3	33 200	46 900*	43,6	106,1	28 400	52 500*	47,6	108,8	23 800	57 800*	51,2	110,6	19 200	58 600*	76,0
78,0	36,8	99,6	31 400	44 500*	41,5	103,8	26 800	49 900*	45,7	106,9	22 200	55 200*	49,4	108,8	17 800	56 500*	78,0
80,0	34,4	96,7	29 600	42 300*	39,3	101,4	25 200	47 500*	43,6	104,8	20 800	52 600*	47,5	107,0	16 500	54 400*	80,0
84,0	28,9	89,9	26 400	38 100*	34,6	95,9	22 200	42 900*	39,4	100,1	18 100	47 700*	43,5	102,9	14 000	50 600*	84,0
88,0	22,2	81,2	23 400	34 200*	29,1	89,2	19 500	38 600*	34,6	94,6	15 600	43 200*	39,2	98,2	11 700	47 100*	88,0
92,0					22,5	80,5	16 900	34 800*	29,2	87,9	13 200	38 900*	34,5	92,7	9 600	43 200*	92,0
96,0					12,7	67,1	14 400	31 300*	22,6	79,2	11 100	35 100*	29,0	86,0	7 600	39 000*	96,0
100,0									12,8	65,9	8 900	31 600*	22,4	77,3	5 800	35 200*	100,0
104,0													12,5	63,7	3 900	31 800*	104,0

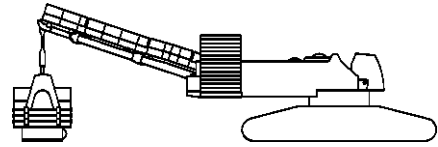


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
62,5	55,5	123,5	46 700	55 200*	58,8	125,2	40 600	60 800*									62,5
64,0	54,3	122,4	44 700	53 000*	57,6	124,3	38 800	58 700*									64,0
66,0	52,7	120,9	42 200	50 400*	56,0	122,9	36 400	56 100*									66,0
68,0	51,0	119,2	39 800	47 900*	54,4	121,5	34 300	53 400*									68,0
70,0	49,3	117,5	37 600	45 400*	52,8	119,9	32 200	50 800*	56,1	121,5	26 900	55 600*					70,0
72,0	47,5	115,7	35 400	43 000*	51,1	118,3	30 300	48 300*	54,5	120,1	25 200	53 100*					72,0
74,0	45,7	113,7	33 400	40 700*	49,4	116,6	28 400	45 900*	52,8	118,6	23 500	50 700*					74,0
76,0	43,9	111,6	31 600	38 500*	47,7	114,8	26 700	43 500*	51,2	117,0	21 800	48 200*					76,0
78,0	41,9	109,4	29 800	36 300*	45,9	112,8	25 000	41 200*	49,5	115,2	20 300	45 800*	52,8	116,8	15 800	49 900*	78,0
80,0	39,9	107,0	28 100	34 200*	44,0	110,8	23 500	38 900*	47,7	113,4	18 900	43 500*	51,1	115,2	14 500	47 600*	80,0
84,0	35,6	101,7	24 800	30 400*	40,1	106,2	20 500	34 700*	44,0	109,4	16 200	39 000*	47,6	111,6	12 000	43 200*	84,0
88,0	30,7	95,3	22 000	26 700*	35,7	100,8	17 800	30 800*	40,1	104,8	13 700	34 900*	43,9	107,6	9 800	38 900*	88,0
92,0	25,0	87,4	19 200	23 400*	30,9	94,5	15 400	27 100*	35,8	99,5	11 500	30 900*	40,0	103,0	7 700	34 800*	92,0
96,0	17,5	76,6	16 700	20 300*	25,2	86,7	13 100	23 700*	30,9	93,2	9 400	27 300*	35,7	97,7	5 800	30 900*	96,0
100,0					17,8	76,1	10 800	20 700*	25,3	85,4	7 400	23 900*	30,8	91,3	4 000	27 300*	100,0
104,0									17,9	74,8	5 500	20 900*	25,1	83,5	2 300	24 000*	104,0
108,0													17,7	72,7	700	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

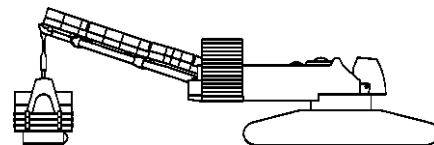
145 150 kg Carbody Counterweight

211 830 kg Hanging 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

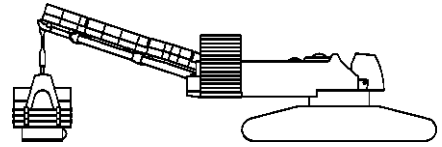
Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
62,5	61,0	132,4	39 100	53 800*									62,5
64,0	59,9	131,5	37 300	51 900*									64,0
66,0	58,5	130,2	35 000	49 400*									66,0
68,0	57,1	128,9	32 800	47 000*									68,0
70,0	55,6	127,5	30 700	44 500*									70,0
72,0	54,1	126,1	28 800	42 100*	57,1	127,6	23 600	46 500*					72,0
74,0	52,6	124,6	26 900	39 800*	55,6	126,2	21 900	44 200*					74,0
76,0	51,0	122,9	25 200	37 500*	54,1	124,7	20 300	41 900*					76,0
78,0	49,4	121,2	23 600	35 300*	52,6	123,2	18 800	39 600*					78,0
80,0	47,8	119,4	22 000	33 100*	51,0	121,6	17 400	37 500*					80,0
84,0	44,3	115,4	19 100	29 000*	47,8	118,0	14 700	33 100*	51,0	119,7	10 500	37 000*	84,0
88,0	40,7	110,9	16 400	25 200*	44,4	114,1	12 300	29 100*	47,7	116,2	8 200	32 900*	88,0
92,0	36,7	105,7	14 000	21 600*	40,7	109,6	10 100	25 300*	44,3	112,2	6 200	29 000*	92,0
96,0	32,4	99,7	11 800	18 400*	36,8	104,4	8 000	21 800*	40,6	107,7	4 300	25 200*	96,0
100,0	27,3	92,5	9 700	15 300*	32,4	98,4	6 100	18 500*	36,7	102,6	2 600	21 700*	100,0
104,0	21,2	83,3	7 700	12 500*	27,4	91,2	4 300	15 500*	32,3	96,5	1 000	18 500*	104,0
108,0	12,4	69,2	5 700	10 000*	21,3	82,0	2 600	12 700*	27,3	89,3		15 500*	108,0
112,0					12,5	68,1	900	10 200*	21,1	80,0		12 700*	112,0
116,0									12,2	65,8		10 200*	116,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
24,4	67,0	82,1	199 800	271 000* ^b													24,4
26,0	63,2	81,3	184 600	253 600* ^b													26,0
28,0	58,2	80,0	168 400	234 700*													28,0
30,0	53,0	78,5	154 600	218 300*													30,0
32,0	47,3	76,6	142 500	203 900*	59,9	79,3	131 700	196 800*									32,0
34,0	40,9	74,3	131 900	191 000*	54,8	77,9	121 900	184 400*									34,0
36,0	33,5	71,4	122 300	179 500*	49,2	76,1	113 300	173 400*									36,0
38,0	23,8	67,2	113 700	159 300*	43,1	74,0	105 500	163 500*									38,0
40,0					36,1	71,3	98 500	154 400*	50,8	75,1	90 500	149 100*					40,0
42,0					27,4	67,6	91 900	146 200*	44,9	73,1	84 600	141 200*					42,0
44,0					13,4	61,2	85 600	134 600*	38,1	70,6	79 300	134 000*					44,0
46,0									30,0	67,2	74 300	127 300*	46,1	71,6	67 800	122 900*	46,0
48,0									18,5	62,1	69 400	121 000*	39,6	69,2	63 700	117 000*	48,0
50,0													31,8	66,0	59 700	111 600*	50,0
52,0													21,3	61,4	56 000	106 400*	52,0

54,9m (180 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	65,7	87,4	172 400	239 000*													27,4
28,0	64,6	87,1	168 200	234 100*													28,0
30,0	60,7	86,0	154 200	217 600*													30,0
32,0	56,6	84,6	142 300	203 300*													32,0
34,0	52,2	83,1	131 800	190 500*	62,0	85,2	121 300	183 600*									34,0
36,0	47,6	81,2	122 500	179 200*	58,0	83,9	112 600	172 600*									36,0
38,0	42,5	79,0	114 200	168 900*	53,7	82,5	105 000	162 800*									38,0
40,0	36,9	76,4	106 700	159 700*	49,2	80,7	98 100	153 900*									40,0
42,0	30,3	73,1	99 900	151 200*	44,3	78,7	91 900	145 800*	54,9	81,3	83 800	140 400*					42,0
44,0	21,7	68,5	93 500	135 800*	38,9	76,2	86 200	138 400*	50,4	79,7	78 600	133 300*					44,0
46,0					32,6	73,2	81 000	131 700*	45,7	77,7	73 900	126 800*					46,0
48,0					24,9	69,1	76 100	125 300*	40,4	75,4	69 500	120 800*					48,0
50,0					12,7	62,3	71 300	115 400*	34,4	72,5	65 500	115 300*	46,6	76,2	59 100	110 900*	50,0
52,0									27,2	68,8	61 600	110 100*	41,5	73,9	55 700	106 000*	52,0
54,0									17,1	63,2	57 900	105 100*	35,7	71,2	52 500	101 400*	54,0
56,0													28,8	67,7	49 400	97 000*	56,0
58,0													19,6	62,7	46 400	92 800*	58,0

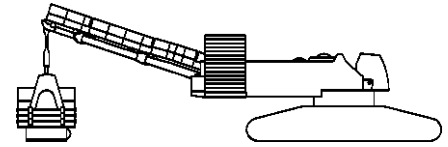
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	67,3	93,4	159 800	224 300*													29,0
30,0	65,6	92,9	153 000	216 200*													30,0
32,0	62,3	91,9	140 900	201 800*													32,0
34,0	59,0	90,6	130 500	189 100*													34,0
36,0	55,4	89,2	121 300	177 900*													36,0
38,0	51,7	87,7	113 100	167 700*	60,1	89,9	103 300	161 300*									38,0
40,0	47,8	85,8	105 700	158 500*	56,6	88,6	96 500	152 400*									40,0
42,0	43,6	83,7	99 000	150 200*	53,0	87,1	90 400	144 400*									42,0
44,0	39,1	81,3	93 000	142 600*	49,1	85,3	84 800	137 100*									44,0
46,0	33,9	78,4	87 400	133 700*	45,1	83,3	79 800	130 500*	54,0	85,9	72 100	125 200*					46,0
48,0	27,9	74,7	82 300	124 600*	40,6	81,0	75 100	124 300*	50,2	84,3	67 800	119 300*					48,0
50,0	20,2	69,8	77 400	111 100*	35,7	78,2	70 800	118 600*	46,2	82,3	63 900	113 900*					50,0
52,0					30,1	74,9	66 800	113 300*	41,9	80,1	60 300	108 800*	51,0	82,7	53 800	104 400*	52,0
54,0					23,1	70,5	62 900	108 300*	37,1	77,5	56 900	104 100*	47,0	80,8	50 700	99 900*	54,0
56,0					12,3	63,3	59 100	97 400*	31,7	74,3	53 700	99 700*	42,8	78,7	47 800	95 700*	56,0
58,0									25,2	70,3	50 600	95 500*	38,1	76,1	45 100	91 700*	58,0
60,0									16,1	64,3	47 600	91 500*	32,8	73,1	42 600	87 900*	60,0
62,0													26,6	69,2	40 100	84 300*	62,0
64,0													18,3	63,8	37 700	80 800*	64,0

54,9m (180 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	66,3	98,7	140 000	200 800*													32,0
34,0	63,5	97,7	129 600	188 100*													34,0
36,0	60,6	96,6	120 400	176 900*													36,0
38,0	57,7	95,3	112 200	166 800*													38,0
40,0	54,6	93,9	104 900	157 700*	61,6	95,8	95 400	151 400*									40,0
42,0	51,4	92,2	98 300	149 400*	58,7	94,6	89 300	143 400*									42,0
44,0	48,0	90,4	92 300	141 900*	55,6	93,2	83 800	136 200*									44,0
46,0	44,4	88,4	86 800	134 600*	52,5	91,7	78 700	129 500*									46,0
48,0	40,6	86,1	81 800	125 500*	49,1	89,9	74 100	123 400*	56,5	92,1	66 600	118 300*					48,0
50,0	36,4	83,4	77 200	117 400*	45,6	87,9	69 900	117 800*	53,3	90,6	62 700	112 800*					50,0
52,0	31,6	80,2	72 900	110 100*	41,9	85,7	66 000	112 500*	50,1	88,9	59 100	107 800*					52,0
54,0	26,1	76,3	68 900	103 400*	37,8	83,2	62 400	107 700*	46,6	87,0	55 800	103 200*					54,0
56,0	19,1	71,0	65 000	92 800*	33,3	80,2	59 000	103 100*	42,9	84,8	52 700	98 800*	50,7	87,3	46 600	94 600*	56,0
58,0					28,1	76,5	55 800	98 900*	38,9	82,4	49 900	94 800*	47,3	85,4	43 900	90 700*	58,0
60,0					21,7	71,8	52 700	94 800*	34,6	79,5	47 100	91 000*	43,7	83,3	41 500	87 000*	60,0
62,0					12,0	64,4	49 600	84 000*	29,6	76,1	44 500	87 300*	39,8	80,9	39 200	83 500*	62,0
64,0									23,6	71,7	42 100	83 800*	35,5	78,2	37 000	80 200*	64,0
66,0									15,3	65,4	39 600	80 400*	30,6	74,9	34 900	77 100*	66,0
68,0													24,9	70,7	32 900	74 100*	68,0
70,0													17,3	65,0	30 900	71 200*	70,0

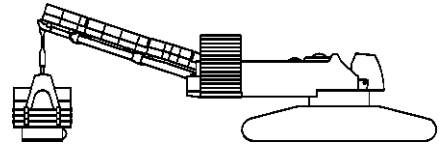


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

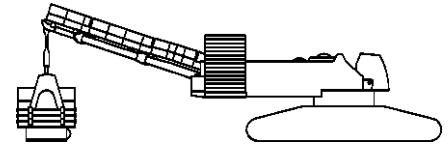
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	67,5	104,7	130 300	181 900*													33,5
34,0	66,9	104,5	128 000	181 500*													34,0
36,0	64,4	103,6	118 700	176 200*													36,0
38,0	61,9	102,5	110 600	165 300*													38,0
40,0	59,3	101,3	103 300	156 200*													40,0
42,0	56,7	99,9	96 700	148 000*													42,0
44,0	53,9	98,5	90 800	140 500*	60,2	100,5	81 900	134 500*									44,0
46,0	51,1	96,8	85 400	133 400*	57,6	99,2	76 900	127 900*									46,0
48,0	48,1	95,0	80 400	124 900*	54,9	97,8	72 400	121 900*									48,0
50,0	45,0	93,0	75 800	116 800*	52,0	96,3	68 200	116 300*									50,0
52,0	41,7	90,8	71 600	109 600*	49,1	94,5	64 300	111 100*	55,6	96,7	57 200	106 200*					52,0
54,0	38,1	88,2	67 700	103 000*	46,0	92,6	60 800	106 300*	52,8	95,2	53 900	101 600*					54,0
56,0	34,2	85,3	64 100	97 000*	42,8	90,4	57 500	101 800*	49,9	93,5	50 800	97 300*					56,0
58,0	29,8	81,9	60 700	91 500*	39,3	88,0	54 300	97 600*	46,9	91,6	48 000	93 300*					58,0
60,0	24,7	77,8	57 400	86 300*	35,5	85,2	51 400	93 700*	43,7	89,5	45 400	89 500*	50,5	91,9	39 400	85 300*	60,0
62,0	18,2	72,2	54 300	77 600*	31,3	82,0	48 700	90 000*	40,3	87,1	42 900	85 900*	47,5	90,0	37 200	81 900*	62,0
64,0					26,5	78,1	46 100	86 400*	36,6	84,5	40 600	82 500*	44,3	88,0	35 100	78 700*	64,0
66,0					20,6	73,1	43 500	82 700*	32,5	81,4	38 400	79 300*	41,0	85,7	33 100	75 600*	66,0
68,0					11,8	65,4	41 000	72 000*	27,9	77,7	36 200	76 300*	37,3	83,1	31 200	72 700*	68,0
70,0									22,4	73,1	34 200	73 400*	33,4	80,1	29 300	70 000*	70,0
72,0									14,8	66,5	32 100	70 600*	28,9	76,6	27 600	67 400*	72,0
74,0													23,6	72,2	25 900	64 900*	74,0
76,0													16,6	66,2	24 200	62 500*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	66,7	110,1	115 100	156 100*													36,6
38,0	65,1	109,4	109 400	154 500*													38,0
40,0	62,9	108,3	102 100	151 200*													40,0
42,0	60,6	107,2	95 600	146 600*													42,0
44,0	58,3	105,9	89 600	139 500*													44,0
46,0	55,9	104,6	84 200	132 500*	61,4	106,4	75 600	126 800*									46,0
48,0	53,4	103,1	79 300	124 500*	59,1	105,2	71 100	120 700*									48,0
50,0	50,9	101,4	74 800	116 300*	56,7	103,9	66 900	115 200*									50,0
52,0	48,2	99,7	70 600	109 100*	54,2	102,4	63 100	110 000*									52,0
54,0	45,4	97,7	66 700	102 500*	51,7	100,9	59 500	105 200*									54,0
56,0	42,5	95,5	63 200	96 600*	49,1	99,1	56 300	100 700*	54,9	101,3	49 500	96 100*					56,0
58,0	39,4	93,1	59 800	91 100*	46,4	97,2	53 200	96 600*	52,4	99,8	46 600	92 100*					58,0
60,0	36,0	90,3	56 700	86 100*	43,5	95,1	50 300	92 700*	49,8	98,1	44 000	88 400*					60,0
62,0	32,4	87,2	53 700	81 400*	40,4	92,7	47 700	89 100*	47,1	96,2	41 600	84 900*					62,0
64,0	28,3	83,6	50 900	77 200*	37,2	90,1	45 100	85 600*	44,3	94,2	39 300	81 500*	50,3	96,5	33 600	77 500*	64,0
66,0	23,5	79,2	48 300	72 900*	33,6	87,2	42 700	82 300*	41,3	91,9	37 100	78 300*	47,7	94,6	31 700	74 500*	66,0
68,0	17,4	73,4	45 700	65 600*	29,7	83,7	40 500	78 800*	38,1	89,3	35 100	75 400*	44,9	92,6	29 800	71 600*	68,0
70,0					25,2	79,6	38 300	74 600*	34,6	86,5	33 200	72 600*	41,9	90,4	28 100	68 900*	70,0
72,0					19,7	74,4	36 200	70 500*	30,8	83,2	31 300	69 900*	38,7	87,9	26 400	66 400*	72,0
74,0					11,6	66,5	34 000	61 500*	26,5	79,3	29 500	67 300*	35,3	85,1	24 800	64 000*	74,0
76,0									21,3	74,4	27 800	64 900*	31,6	81,9	23 300	61 700*	76,0
78,0									14,3	67,6	26 000	62 400*	27,4	78,2	21 800	59 500*	78,0
80,0													22,4	73,6	20 400	57 400*	80,0

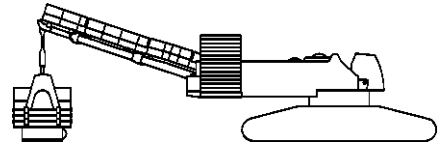


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

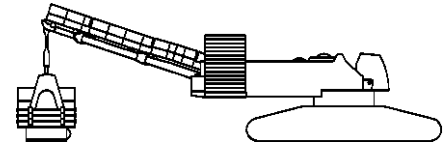
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	67,6	116,1	107 300	132 800*													38,1
40,0	65,7	115,2	100 400	132 500*													40,0
42,0	63,7	114,2	93 900	130 400*													42,0
44,0	61,6	113,1	87 900	126 600*													44,0
46,0	59,6	111,9	82 500	122 900*													46,0
48,0	57,4	110,6	77 600	118 900*													48,0
50,0	55,2	109,2	73 100	114 900*	60,3	111,2	65 000	113 500*									50,0
52,0	53,0	107,7	69 000	108 100*	58,1	109,9	61 200	108 400*									52,0
54,0	50,7	106,0	65 100	101 500*	56,0	108,5	57 700	103 600*									54,0
56,0	48,3	104,2	61 600	95 600*	53,8	107,1	54 400	99 200*									56,0
58,0	45,8	102,3	58 300	90 100*	51,5	105,5	51 400	95 100*	56,6	107,4	44 600	90 500*					58,0
60,0	43,2	100,2	55 200	85 100*	49,1	103,7	48 600	91 200*	54,4	105,9	42 100	86 800*					60,0
62,0	40,4	97,8	52 300	80 500*	46,6	101,8	45 900	87 600*	52,1	104,4	39 600	83 300*					62,0
64,0	37,5	95,2	49 600	76 200*	44,0	99,7	43 400	84 200*	49,7	102,7	37 400	80 000*					64,0
66,0	34,3	92,3	47 000	72 300*	41,3	97,5	41 100	80 900*	47,3	100,8	35 300	76 800*					66,0
68,0	30,9	89,0	44 600	68 600*	38,5	95,0	38 900	77 600*	44,8	98,8	33 300	73 900*	50,2	101,1	27 700	70 000*	68,0
70,0	27,0	85,2	42 300	65 100*	35,4	92,2	36 800	73 700*	42,1	96,6	31 300	71 100*	47,8	99,2	26 000	67 400*	70,0
72,0	22,5	80,6	40 000	61 600*	32,1	89,0	34 800	69 900*	39,3	94,1	29 600	68 500*	45,3	97,3	24 400	64 800*	72,0
74,0	16,8	74,6	37 900	55 300*	28,4	85,4	32 900	66 400*	36,3	91,4	27 900	66 000*	42,6	95,1	22 800	62 400*	74,0
76,0					24,1	81,1	31 100	63 000*	33,0	88,4	26 200	63 600*	39,8	92,7	21 400	60 200*	76,0
78,0					18,9	75,7	29 300	59 500*	29,4	84,9	24 600	61 300*	36,9	90,1	20 000	58 000*	78,0
80,0					11,4	67,6	27 400	52 300*	25,3	80,8	23 200	59 100*	33,7	87,1	18 700	56 000*	80,0
84,0									13,9	68,7	20 200	54 800*	26,2	79,7	16 100	52 100*	84,0
88,0													15,5	68,5	13 600	48 500*	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
211 830 kg Hanging 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

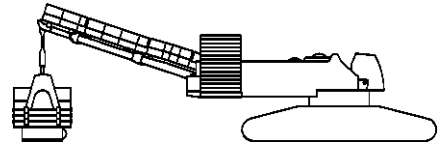
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	66,9	121,4	95 300	114 300*													41,1
42,0	66,1	121,0	92 600	114 300*													42,0
44,0	64,3	120,0	86 600	114 300*													44,0
46,0	62,5	118,9	81 300	111 500*													46,0
48,0	60,6	117,8	76 300	108 000*													48,0
50,0	58,7	116,6	71 900	104 400*													50,0
52,0	56,7	115,2	67 700	100 900*	61,2	117,1	59 800	107 400*									52,0
54,0	54,7	113,8	63 900	97 200*	59,3	115,8	56 300	102 500*									54,0
56,0	52,7	112,3	60 300	93 600*	57,4	114,6	53 000	98 100*									56,0
58,0	50,5	110,6	57 100	89 000*	55,4	113,2	50 000	93 900*									58,0
60,0	48,3	108,8	54 000	84 000*	53,3	111,7	47 200	90 100*									60,0
62,0	46,1	106,9	51 100	79 400*	51,2	110,1	44 600	86 500*	55,9	112,0	38 200	82 100*					62,0
64,0	43,7	104,8	48 400	75 200*	49,1	108,3	42 100	83 100*	53,9	110,5	35 900	78 800*					64,0
66,0	41,2	102,6	45 900	71 300*	46,8	106,4	39 800	79 900*	51,8	109,0	33 800	75 700*					66,0
68,0	38,6	100,1	43 500	67 600*	44,5	104,4	37 600	76 500*	49,7	107,3	31 800	72 800*					68,0
70,0	35,8	97,3	41 200	64 200*	42,1	102,2	35 600	72 600*	47,5	105,4	29 900	70 000*					70,0
72,0	32,8	94,2	39 100	61 000*	39,5	99,8	33 600	68 900*	45,2	103,4	28 200	67 400*	50,1	105,7	22 900	63 600*	72,0
74,0	29,6	90,8	37 100	58 000*	36,8	97,1	31 700	65 400*	42,7	101,3	26 500	64 900*	47,9	103,8	21 400	61 300*	74,0
76,0	25,9	86,8	35 100	55 100*	33,9	94,2	30 000	62 100*	40,2	98,9	24 900	62 500*	45,6	101,9	20 000	59 000*	76,0
78,0	21,7	82,0	33 200	52 000*	30,7	90,8	28 300	59 000*	37,5	96,3	23 400	60 300*	43,2	99,8	18 600	56 900*	78,0
80,0	16,3	75,7	31 400	46 800*	27,2	87,0	26 700	56 200*	34,7	93,4	22 000	58 200*	40,7	97,4	17 200	54 900*	80,0
84,0					18,3	76,9	23 600	50 400*	28,2	86,6	19 200	54 200*	35,3	92,1	14 800	51 100*	84,0
88,0									19,7	77,1	16 600	50 500*	28,9	85,4	12 600	47 600*	88,0
92,0													20,7	76,3	10 400	44 400*	92,0
96,0													3,0	55,0	7 900	41 100*	96,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

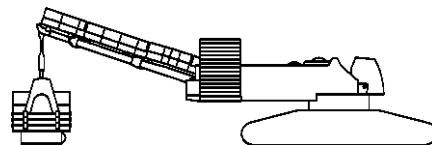
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	65,1	125,9	80 200	97 900*													45,7
46,0	64,9	125,8	79 500	97 900*													46,0
48,0	63,2	124,8	74 600	96 900*													48,0
50,0	61,5	123,7	70 100	93 900*													50,0
52,0	59,7	122,5	66 000	90 600*													52,0
54,0	57,9	121,2	62 200	87 300*	62,0	122,9	54 300	92 700*									54,0
56,0	56,1	119,9	58 600	84 000*	60,3	121,8	51 100	91 300*									56,0
58,0	54,3	118,4	55 400	80 800*	58,5	120,5	48 100	88 400*									58,0
60,0	52,4	116,9	52 300	77 500*	56,7	119,2	45 300	85 400*									60,0
62,0	50,4	115,2	49 500	74 400*	54,9	117,8	42 700	82 200*									62,0
64,0	48,4	113,5	46 800	71 300*	53,0	116,3	40 200	79 100*	57,2	118,0	33 800	77 200*					64,0
66,0	46,3	111,5	44 300	68 200*	51,1	114,7	37 900	76 000*	55,4	116,7	31 800	74 000*					66,0
68,0	44,2	109,5	41 900	65 300*	49,1	112,9	35 800	72 900*	53,5	115,2	29 800	71 200*					68,0
70,0	41,9	107,2	39 700	62 400*	47,0	111,1	33 800	69 900*	51,6	113,6	28 000	68 400*					70,0
72,0	39,5	104,8	37 600	59 700*	44,9	109,0	31 900	66 900*	49,6	111,9	26 200	65 800*					72,0
74,0	37,1	102,2	35 500	56 800*	42,7	106,9	30 000	64 000*	47,6	110,0	24 600	63 400*	52,0	111,9	19 300	59 600*	74,0
76,0	34,4	99,3	33 600	54 000*	40,3	104,5	28 300	60 900*	45,5	108,1	23 000	61 100*	50,0	110,3	17 900	57 400*	76,0
78,0	31,6	96,1	31 800	51 300*	37,9	102,0	26 600	57 900*	43,3	105,9	21 500	58 800*	48,0	108,5	16 500	55 300*	78,0
80,0	28,5	92,5	30 100	48 800*	35,3	99,2	25 100	55 000*	41,0	103,6	20 100	56 700*	45,9	106,5	15 300	53 300*	80,0
84,0	20,9	83,3	26 800	43 800*	29,5	92,6	22 100	49 800*	36,0	98,4	17 400	52 800*	41,5	102,2	12 900	49 500*	84,0
88,0					22,4	83,9	19 400	44 900*	30,4	92,0	15 000	49 200*	36,6	97,0	10 700	46 100*	88,0
92,0					11,2	69,7	16 600	37 500*	23,5	83,8	12 700	45 800*	31,0	90,8	8 600	43 000*	92,0
96,0									13,3	70,9	10 400	40 700*	24,2	82,8	6 700	40 100*	96,0
100,0													14,7	70,7	4 800	37 300*	100,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
50,3	63,5	130,5	68 100	81 300*													50,3
52,0	62,2	129,6	64 600	78 700*													52,0
54,0	60,6	128,4	60 800	75 800*													54,0
56,0	59,0	127,2	57 300	72 900*													56,0
58,0	57,3	125,9	54 000	69 900*	61,1	127,7	46 600	76 400*									58,0
60,0	55,6	124,5	51 000	67 000*	59,5	126,5	43 800	73 700*									60,0
62,0	53,9	123,1	48 100	64 200*	57,9	125,2	41 200	71 000*									62,0
64,0	52,1	121,5	45 500	61 400*	56,2	123,9	38 800	68 100*									64,0
66,0	50,3	119,8	43 000	58 700*	54,5	122,4	36 500	65 400*									66,0
68,0	48,4	118,1	40 600	56 000*	52,7	120,9	34 400	62 700*	56,6	122,7	28 300	68 200*					68,0
70,0	46,5	116,2	38 400	53 500*	50,9	119,3	32 300	60 000*	54,9	121,3	26 400	65 600*					70,0
72,0	44,5	114,1	36 300	51 000*	49,1	117,5	30 400	57 300*	53,2	119,8	24 700	63 100*					72,0
74,0	42,5	111,9	34 300	48 600*	47,2	115,7	28 600	54 700*	51,4	118,2	23 100	60 500*					74,0
76,0	40,3	109,6	32 400	46 300*	45,2	113,7	26 900	52 200*	49,6	116,5	21 500	57 900*					76,0
78,0	38,1	107,0	30 600	44 000*	43,2	111,5	25 300	49 800*	47,7	114,6	20 000	55 400*	51,8	116,6	14 900	54 100*	78,0
80,0	35,7	104,3	28 900	41 800*	41,0	109,2	23 700	47 400*	45,7	112,7	18 700	53 000*	49,9	114,9	13 700	52 000*	80,0
84,0	30,4	97,9	25 700	37 700*	36,5	104,1	20 800	43 000*	41,6	108,3	16 000	48 200*	46,1	111,1	11 300	48 400*	84,0
88,0	24,2	89,8	22 800	34 000*	31,4	97,9	18 200	38 800*	37,2	103,3	13 600	43 800*	42,1	106,9	9 200	45 000*	88,0
92,0	15,5	78,0	20 000	30 500*	25,3	90,2	15 700	35 000*	32,1	97,3	11 400	39 600*	37,6	101,9	7 200	41 800*	92,0
96,0					17,3	79,3	13 300	31 500*	26,2	89,8	9 300	35 700*	32,6	96,0	5 400	39 000*	96,0
100,0									18,6	79,6	7 400	32 300*	26,9	88,7	3 600	36 300*	100,0
104,0													19,5	78,8	2 000	32 800*	104,0
108,0													5,2	58,9		29 900*	108,0

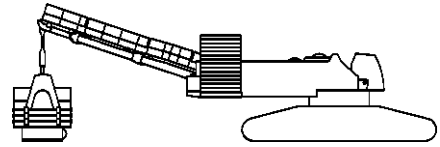


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
57,9	59,9	133,2	52 400	62 200*													57,9
58,0	59,8	133,1	52 300	62 100*													58,0
60,0	58,3	131,9	49 200	59 300*	61,8	133,5	41 900	65 300*									60,0
62,0	56,7	130,6	46 400	56 700*	60,3	132,4	39 300	62 800*									62,0
64,0	55,2	129,2	43 700	54 100*	58,8	131,2	36 900	60 200*									64,0
66,0	53,6	127,7	41 200	51 500*	57,3	129,9	34 600	57 500*									66,0
68,0	51,9	126,1	38 900	48 900*	55,7	128,5	32 500	55 000*									68,0
70,0	50,2	124,4	36 700	46 400*	54,1	127,0	30 500	52 500*									70,0
72,0	48,5	122,7	34 600	44 100*	52,5	125,5	28 600	49 900*	56,1	127,3	22 700	55 100*					72,0
74,0	46,7	120,8	32 600	41 800*	50,8	123,9	26 800	47 500*	54,5	125,9	21 100	52 700*					74,0
76,0	44,9	118,8	30 700	39 500*	49,1	122,1	25 100	45 100*	52,9	124,4	19 500	50 400*					76,0
78,0	43,0	116,6	29 000	37 300*	47,3	120,3	23 500	42 800*	51,2	122,8	18 100	48 100*					78,0
80,0	41,0	114,3	27 300	35 200*	45,5	118,3	21 900	40 600*	49,5	121,1	16 700	45 700*					80,0
84,0	36,8	109,2	24 200	31 300*	41,6	113,9	19 100	36 200*	46,0	117,3	14 100	41 200*	49,9	119,5	9 300	45 700*	84,0
88,0	32,1	103,1	21 300	27 600*	37,5	108,9	16 500	32 200*	42,2	113,0	11 800	36 900*	46,3	115,7	7 200	41 400*	88,0
92,0	26,6	95,7	18 600	24 200*	32,9	103,1	14 100	28 500*	38,1	108,1	9 600	32 900*	42,6	111,5	5 200	37 300*	92,0
96,0	19,7	85,9	16 100	21 100*	27,6	95,9	11 800	25 000*	33,5	102,4	7 600	29 100*	38,5	106,7	3 400	33 300*	96,0
100,0	8,2	68,7	13 500	17 500*	21,0	86,7	9 700	21 800*	28,4	95,4	5 700	25 700*	34,0	101,1	1 800	29 600*	100,0
104,0					11,1	71,8	7 600	19 000*	22,0	86,6	4 000	22 400*	28,9	94,3		26 100*	104,0
108,0									12,9	73,1	2 200	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

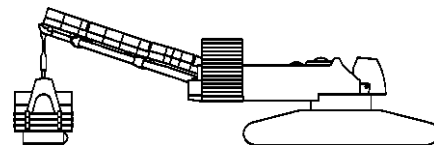
145 150 kg Carbody Counterweight

 211 830 kg Hanging 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

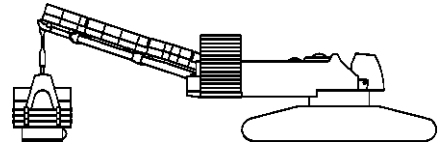
Jib Oper. Rad. Meters	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
62,5	62,1	139,1	37 100	54 900*									62,5
64,0	61,0	138,3	35 300	53 200*									64,0
66,0	59,6	137,1	33 100	50 800*									66,0
68,0	58,2	135,8	31 000	48 400*									68,0
70,0	56,8	134,5	29 000	46 100*									70,0
72,0	55,3	133,1	27 100	43 700*									72,0
74,0	53,8	131,7	25 300	41 400*	57,2	133,4	19 500	46 100*					74,0
76,0	52,2	130,1	23 600	39 100*	55,7	132,0	18 000	43 900*					76,0
78,0	50,7	128,5	22 000	36 800*	54,2	130,5	16 500	41 700*					78,0
80,0	49,1	126,7	20 500	34 700*	52,7	129,0	15 100	39 500*					80,0
84,0	45,7	122,9	17 700	30 600*	49,5	125,7	12 600	35 200*	49,8	124,1	5 600	35 300*	84,0
88,0	42,2	118,6	15 100	26 600*	46,2	121,9	10 300	31 100*	46,5	120,4	3 700	31 300*	88,0
92,0	38,3	113,8	12 700	23 000*	42,7	117,7	8 100	27 200*	43,0	116,2	1 900	27 500*	92,0
96,0	34,1	108,1	10 500	19 600*	38,9	112,9	6 200	23 600*	39,3	111,5	300	23 900*	96,0
100,0	29,4	101,4	8 500	16 500*	34,7	107,4	4 300	20 200*					100,0
104,0	23,8	93,1	6 600	13 600*	30,1	100,9	2 700	17 000*	35,2	106,0		20 600*	104,0
108,0	16,5	81,7	4 700	11 000*	24,7	92,8	1 000	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
 211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
25,9	65,9	87,9	183 600	251 700* ^b													25,9
26,0	65,7	87,8	182 900	250 800* ^b													26,0
28,0	60,9	86,7	166 800	232 100* ^b													28,0
30,0	55,8	85,3	153 000	215 900*													30,0
32,0	50,4	83,6	141 100	201 600*													32,0
34,0	44,4	81,6	130 600	188 900*	58,8	84,9	118 900	181 300* ^b									34,0
36,0	37,6	79,0	121 200	177 500*	53,6	83,4	110 400	170 400*									36,0
38,0	29,3	75,6	112 700	167 300*	48,0	81,6	102 800	160 700*									38,0
40,0					41,7	79,4	96 000	151 800*	56,4	82,5	86 500	145 500*					40,0
42,0					34,5	76,5	89 700	143 700*	51,0	80,9	80 900	137 800*					42,0
44,0					25,2	72,5	83 900	136 300*	45,1	78,9	75 800	130 800*					44,0
46,0									38,5	76,4	71 100	124 400*					46,0
48,0									30,4	73,1	66 700	118 400*	47,8	77,7	59 400	113 400*	48,0
50,0									19,1	68,1	62 400	112 700*	41,5	75,4	55 800	108 100*	50,0
52,0													34,2	72,6	52 400	103 200*	52,0
54,0													24,8	68,5	49 200	98 600*	54,0

61,0m (200 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	67,7	93,9	170 500	236 300* ^b													27,4
28,0	66,7	93,7	166 400	231 400* ^b													28,0
30,0	62,8	92,6	152 600	215 100*													30,0
32,0	58,8	91,4	140 700	200 900*													32,0
34,0	54,6	89,9	130 300	188 300*													34,0
36,0	50,1	88,2	121 100	177 100*													36,0
38,0	45,3	86,2	112 900	167 000*	57,1	89,5	102 100	159 900*									38,0
40,0	40,0	83,9	105 500	157 900*	52,8	88,0	95 400	151 100*									40,0
42,0	33,9	81,0	98 800	149 500*	48,2	86,2	89 400	143 200*									42,0
44,0	26,6	77,2	92 600	141 900*	43,2	84,1	83 900	136 000*	55,1	87,1	74 900	130 000*					44,0
46,0					37,6	81,5	78 800	129 300*	50,6	85,5	70 400	123 600*					46,0
48,0					31,2	78,3	74 100	123 100*	45,9	83,5	66 200	117 800*					48,0
50,0					22,9	73,9	69 700	117 400*	40,6	81,2	62 300	112 400*					50,0
52,0									34,7	78,4	58 700	107 400*	48,0	82,3	51 600	102 500*	52,0
54,0									27,6	74,7	55 300	102 600*	43,0	80,2	48 600	98 000*	54,0
56,0									17,6	69,2	51 900	98 100*	37,5	77,6	45 800	93 900*	56,0
58,0													30,9	74,3	43 200	90 000*	58,0
60,0													22,6	69,9	40 500	86 100*	60,0

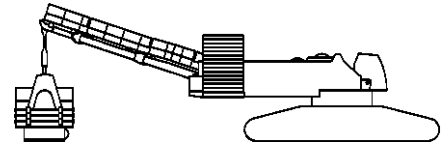
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
211 830 kg Hanging 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

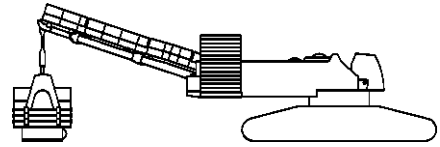
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	66,6	99,2	148 000	210 000*													30,5
32,0	64,1	98,4	139 200	199 400*													32,0
34,0	60,8	97,3	128 900	186 900*													34,0
36,0	57,3	96,0	119 700	175 700*													36,0
38,0	53,7	94,5	111 600	165 700*													38,0
40,0	49,9	92,8	104 300	156 600*	59,4	95,5	93 600	149 500*									40,0
42,0	45,9	90,9	97 800	148 400*	55,9	94,2	87 700	141 700*									42,0
44,0	41,5	88,6	91 800	140 900*	52,2	92,6	82 300	134 500*									44,0
46,0	36,7	86,0	86 300	134 000*	48,3	90,8	77 300	128 000*									46,0
48,0	31,3	82,8	81 200	127 600*	44,2	88,7	72 800	121 900*	54,2	91,7	64 300	116 200*					48,0
50,0	24,6	78,6	76 500	120 700*	39,6	86,3	68 600	116 300*	50,4	90,1	60 500	110 800*					50,0
52,0					34,6	83,5	64 700	111 100*	46,4	88,2	57 100	105 900*					52,0
54,0					28,7	80,0	61 000	106 300*	42,1	85,9	53 800	101 300*					54,0
56,0					21,3	75,2	57 500	101 700*	37,3	83,3	50 800	97 000*	48,2	86,9	43 900	92 300*	56,0
58,0									32,0	80,2	47 900	93 000*	44,0	84,8	41 300	88 500*	58,0
60,0									25,5	76,2	45 200	89 200*	39,5	82,4	39 000	84 800*	60,0
62,0									16,6	70,4	42 500	85 500*	34,4	79,5	36 700	81 400*	62,0
64,0													28,5	76,0	34 600	78 100*	64,0
66,0													21,0	71,2	32 400	75 000*	66,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

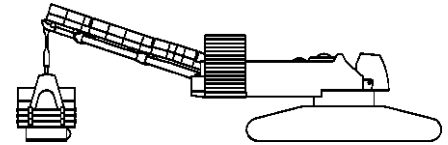
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	67,8	105,2	138 200	189 500*													32,0
34,0	65,0	104,3	127 900	184 400*													34,0
36,0	62,2	103,2	118 800	175 000*													36,0
38,0	59,3	102,0	110 700	164 700*													38,0
40,0	56,2	100,6	103 400	155 700*													40,0
42,0	53,1	99,1	96 900	147 500*	61,0	101,5	86 500	140 600*									42,0
44,0	49,8	97,4	91 000	140 100*	58,0	100,2	81 100	133 500*									44,0
46,0	46,3	95,5	85 600	133 200*	55,0	98,8	76 200	126 900*									46,0
48,0	42,6	93,3	80 600	127 000*	51,8	97,2	71 700	120 900*									48,0
50,0	38,6	90,8	76 100	121 200*	48,4	95,4	67 600	115 400*									50,0
52,0	34,2	87,9	71 900	113 900*	44,8	93,4	63 800	110 300*	53,5	96,3	55 800	104 800*					52,0
54,0	29,2	84,5	67 900	106 900*	41,0	91,1	60 300	105 500*	50,2	94,7	52 600	100 300*					54,0
56,0	23,1	80,0	64 200	99 900*	36,9	88,5	57 000	101 100*	46,7	92,8	49 700	96 100*					56,0
58,0					32,2	85,3	53 900	96 900*	43,1	90,6	46 900	92 100*	51,7	93,3	40 000	87 400*	58,0
60,0					26,9	81,5	50 900	93 000*	39,1	88,2	44 300	88 400*	48,3	91,5	37 700	83 800*	60,0
62,0					20,1	76,5	48 100	89 200*	34,8	85,3	41 900	84 900*	44,7	89,5	35 600	80 400*	62,0
64,0					8,3	67,4	45 200	81 900*	29,8	81,9	39 600	81 500*	40,9	87,2	33 500	77 300*	64,0
66,0									23,9	77,7	37 300	78 300*	36,8	84,5	31 600	74 200*	66,0
68,0									15,8	71,5	35 100	75 200*	32,1	81,4	29 700	71 400*	68,0
70,0													26,7	77,6	27 900	68 700*	70,0
72,0													19,8	72,5	26 100	66 100*	72,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	66,9	110,5	121 200	163 200*													35,1
36,0	65,7	110,1	117 100	161 300*													36,0
38,0	63,2	109,1	109 000	157 100*													38,0
40,0	60,7	107,9	101 800	152 100*													40,0
42,0	58,1	106,7	95 300	146 100*													42,0
44,0	55,4	105,3	89 400	138 600*													44,0
46,0	52,6	103,7	84 100	131 800*	59,6	106,2	74 300	125 300*									46,0
48,0	49,7	102,0	79 200	125 600*	57,0	104,8	69 800	119 300*									48,0
50,0	46,7	100,1	74 600	119 800*	54,3	103,4	65 800	113 900*									50,0
52,0	43,4	98,0	70 500	113 500*	51,4	101,8	62 000	108 800*									52,0
54,0	40,0	95,6	66 700	106 600*	48,5	100,0	58 500	104 100*	55,7	102,5	50 600	98 600*					54,0
56,0	36,3	92,9	63 100	100 300*	45,4	98,0	55 300	99 600*	52,9	100,9	47 600	94 400*					56,0
58,0	32,2	89,8	59 700	94 500*	42,1	95,8	52 300	95 600*	50,1	99,3	45 000	90 500*					58,0
60,0	27,5	86,1	56 500	89 200*	38,5	93,3	49 500	91 700*	47,0	97,4	42 400	86 800*					60,0
62,0	21,9	81,4	53 500	83 500*	34,7	90,5	46 800	88 100*	43,8	95,3	40 100	83 400*	51,3	97,9	33 400	78 700*	62,0
64,0	14,0	74,6	50 500	73 000*	30,4	87,1	44 300	84 600*	40,4	93,0	37 800	80 100*	48,4	96,1	31 400	75 600*	64,0
66,0					25,4	83,1	41 900	81 400*	36,8	90,3	35 700	77 000*	45,3	94,1	29 600	72 700*	66,0
68,0					19,1	77,7	39 600	78 200*	32,7	87,2	33 700	74 100*	42,0	91,9	27 800	69 900*	68,0
70,0					8,6	68,5	37 100	69 500*	28,1	83,6	31 800	71 300*	38,4	89,4	26 100	67 300*	70,0
72,0									22,6	79,1	29 900	68 600*	34,6	86,5	24 500	64 800*	72,0
74,0									15,2	72,6	28 000	66 000*	30,2	83,2	23 000	62 400*	74,0
76,0													25,2	79,1	21 500	60 100*	76,0
78,0													18,9	73,7	20 000	57 900*	78,0

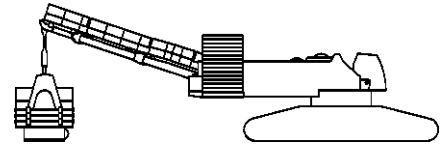


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

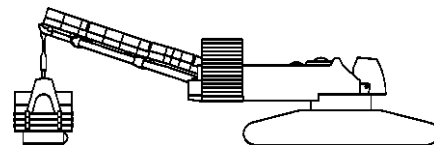
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	67,8	116,5	113 400	140 700*													36,6
38,0	66,3	115,9	107 800	140 700*													38,0
40,0	64,1	114,9	100 600	138 300*													40,0
42,0	61,8	113,8	94 100	134 600*													42,0
44,0	59,5	112,6	88 200	130 600*													44,0
46,0	57,2	111,3	82 900	126 200*													46,0
48,0	54,7	109,9	78 000	121 500*	60,9	112,1	68 500	118 200*									48,0
50,0	52,2	108,3	73 500	116 700*	58,6	110,8	64 400	112 700*									50,0
52,0	49,6	106,6	69 400	111 800*	56,2	109,5	60 700	107 600*									52,0
54,0	46,9	104,7	65 600	106 300*	53,7	108,0	57 300	102 900*									54,0
56,0	44,1	102,7	62 100	99 900*	51,2	106,4	54 100	98 600*									56,0
58,0	41,1	100,4	58 800	94 100*	48,5	104,6	51 100	94 500*	55,0	107,1	43 500	89 300*					58,0
60,0	37,8	97,8	55 700	88 900*	45,8	102,7	48 300	90 700*	52,5	105,6	41 000	85 700*					60,0
62,0	34,4	94,9	52 800	84 000*	42,9	100,5	45 700	87 100*	49,9	103,9	38 700	82 300*					62,0
64,0	30,5	91,6	50 000	79 500*	39,8	98,1	43 200	83 700*	47,2	102,0	36 500	79 000*					64,0
66,0	26,1	87,7	47 400	75 400*	36,5	95,4	40 900	80 500*	44,4	100,0	34 400	75 900*	51,1	102,5	28 100	71 500*	66,0
68,0	20,9	82,7	44 900	70 600*	32,8	92,4	38 800	77 500*	41,4	97,7	32 500	73 000*	48,5	100,7	26 300	68 700*	68,0
70,0	13,6	75,6	42 400	62 000*	28,8	88,8	36 700	74 600*	38,2	95,2	30 700	70 300*	45,7	98,7	24 700	66 100*	70,0
72,0					24,1	84,5	34 600	71 800*	34,8	92,3	28 900	67 700*	42,8	96,6	23 200	63 700*	72,0
74,0					18,3	79,0	32 700	69 000*	31,0	89,1	27 200	65 200*	39,7	94,2	21 700	61 300*	74,0
76,0					8,8	69,6	30 600	60 000*	26,7	85,2	25 600	62 900*	36,4	91,5	20 300	59 100*	76,0
78,0									21,6	80,4	24 000	60 600*	32,7	88,4	18 900	57 000*	78,0
80,0									14,7	73,7	22 400	58 400*	28,7	84,8	17 600	55 000*	80,0
84,0													18,1	74,9	15 000	51 100*	84,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
39,6	67,1	121,8	100 100	121 800*													39,6
40,0	66,7	121,7	98 800	121 800*													40,0
42,0	64,7	120,7	92 300	121 200*													42,0
44,0	62,7	119,7	86 400	119 000*													44,0
46,0	60,7	118,5	81 200	115 900*													46,0
48,0	58,6	117,3	76 300	112 600*													48,0
50,0	56,4	116,0	71 800	109 000*													50,0
52,0	54,2	114,5	67 700	105 200*	59,8	116,8	58 700	106 000*									52,0
54,0	51,9	112,9	64 000	101 400*	57,7	115,5	55 300	101 300*									54,0
56,0	49,6	111,2	60 400	97 500*	55,5	114,1	52 100	97 000*									56,0
58,0	47,1	109,4	57 200	92 900*	53,3	112,6	49 200	92 900*									58,0
60,0	44,6	107,3	54 100	87 700*	51,0	111,0	46 500	89 200*	56,7	113,2	38 900	84 000*					60,0
62,0	41,9	105,1	51 300	82 900*	48,6	109,2	43 900	85 600*	54,5	111,7	36 600	80 600*					62,0
64,0	39,0	102,6	48 600	78 400*	46,1	107,3	41 500	82 300*	52,2	110,2	34 400	77 400*					64,0
66,0	36,0	99,9	46 000	74 300*	43,5	105,2	39 200	79 100*	49,8	108,5	32 400	74 400*					66,0
68,0	32,7	96,8	43 700	70 500*	40,7	102,9	37 100	76 100*	47,4	106,6	30 500	71 500*					68,0
70,0	29,1	93,3	41 400	66 900*	37,8	100,3	35 000	73 300*	44,9	104,6	28 700	68 800*	50,9	107,1	22 500	64 400*	70,0
72,0	25,0	89,2	39 200	63 600*	34,7	97,4	33 100	70 500*	42,2	102,4	27 000	66 200*	48,5	105,3	21 000	62 000*	72,0
74,0	20,0	84,0	37 100	59 500*	31,3	94,2	31 300	68 000*	39,4	100,0	25 400	63 800*	46,0	103,4	19 600	59 700*	74,0
76,0	13,3	76,7	35 000	52 300*	27,5	90,5	29 500	65 500*	36,4	97,3	23 800	61 500*	43,4	101,3	18 200	57 500*	76,0
78,0					23,1	86,0	27 800	62 400*	33,1	94,2	22 300	59 300*	40,7	98,9	16 900	55 500*	78,0
80,0					17,6	80,2	26 100	58 900*	29,6	90,8	20 900	57 200*	37,7	96,4	15 700	53 500*	80,0
84,0									20,7	81,7	18 200	53 200*	31,2	90,2	13 300	49 800*	84,0
88,0													23,0	82,0	11 100	46 300*	88,0

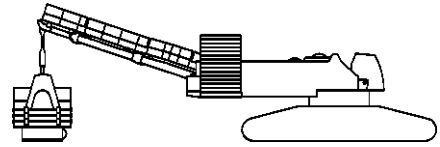


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

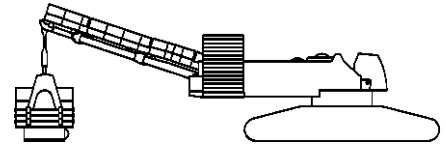
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
42,7	66,5	127,2	88 900	105 200*													42,7
44,0	65,3	126,5	85 200	105 200*													44,0
46,0	63,5	125,5	79 800	105 000*													46,0
48,0	61,6	124,4	75 000	103 100*													48,0
50,0	59,7	123,2	70 500	100 500*													50,0
52,0	57,8	122,0	66 400	97 800*	62,7	123,8	57 200	100 500*									52,0
54,0	55,8	120,6	62 700	94 900*	60,8	122,7	53 800	99 500*									54,0
56,0	53,8	119,1	59 200	91 800*	58,9	121,5	50 700	95 900*									56,0
58,0	51,7	117,5	55 900	88 700*	57,0	120,2	47 800	91 800*									58,0
60,0	49,5	115,8	52 900	85 600*	55,0	118,7	45 000	88 000*									60,0
62,0	47,3	114,0	50 000	81 900*	52,9	117,2	42 500	84 500*									62,0
64,0	45,0	112,0	47 400	77 400*	50,8	115,6	40 100	81 200*	56,0	117,8	32 900	76 200*					64,0
66,0	42,6	109,8	44 900	73 300*	48,6	113,8	37 800	78 000*	54,0	116,3	30 900	73 100*					66,0
68,0	40,0	107,4	42 500	69 500*	46,4	111,9	35 700	75 000*	51,9	114,8	29 000	70 300*					68,0
70,0	37,3	104,8	40 300	65 900*	44,0	109,8	33 700	72 200*	49,8	113,1	27 300	67 600*					70,0
72,0	34,5	101,9	38 200	62 700*	41,5	107,6	31 900	69 500*	47,6	111,2	25 500	65 100*					72,0
74,0	31,3	98,7	36 200	59 500*	38,9	105,1	30 000	67 000*	45,3	109,2	24 000	62 700*	50,7	111,7	18 000	58 500*	74,0
76,0	27,9	95,0	34 300	56 600*	36,2	102,4	28 300	64 500*	42,8	107,1	22 500	60 400*	48,5	109,9	16 700	56 300*	76,0
78,0	24,0	90,6	32 400	53 800*	33,2	99,4	26 700	61 500*	40,3	104,7	21 000	58 200*	46,3	108,0	15 400	54 300*	78,0
80,0	19,3	85,3	30 600	50 500*	30,0	96,0	25 100	58 400*	37,7	102,2	19 600	56 200*	43,9	105,9	14 200	52 300*	80,0
84,0					22,2	87,3	22 200	52 900*	31,7	96,1	17 000	52 300*	38,9	101,2	11 900	48 600*	84,0
88,0					9,1	71,9	19 200	43 400*	24,5	88,2	14 600	48 700*	33,1	95,4	9 800	45 300*	88,0
92,0									13,9	75,9	12 200	45 300*	26,3	88,1	7 800	42 200*	92,0
96,0													16,9	77,3	5 900	39 300*	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
211 830 kg Hanging 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

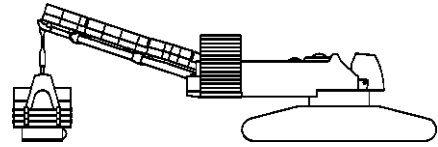
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	64,7	131,7	74 900	90 300*													47,2
48,0	64,1	131,3	73 200	90 300*													48,0
50,0	62,4	130,3	68 700	89 800*													50,0
52,0	60,6	129,1	64 600	87 200*													52,0
54,0	58,9	127,9	60 900	84 200*													54,0
56,0	57,1	126,6	57 400	81 200*	61,7	128,6	48 700	85 900*									56,0
58,0	55,3	125,2	54 200	78 200*	59,9	127,4	45 800	85 800*									58,0
60,0	53,4	123,7	51 200	75 200*	58,2	126,2	43 100	83 100*									60,0
62,0	51,5	122,1	48 300	72 300*	56,3	124,8	40 500	80 300*									62,0
64,0	49,5	120,4	45 700	69 400*	54,5	123,4	38 200	77 400*									64,0
66,0	47,4	118,6	43 300	66 600*	52,6	121,8	36 000	74 500*	57,3	123,8	28 800	71 500*					66,0
68,0	45,3	116,6	40 900	63 800*	50,7	120,2	33 800	71 700*	55,5	122,4	26 900	68 700*					68,0
70,0	43,1	114,5	38 700	61 100*	48,6	118,4	31 800	68 900*	53,6	120,9	25 200	66 000*					70,0
72,0	40,8	112,1	36 600	58 500*	46,6	116,5	30 000	66 100*	51,7	119,4	23 500	63 500*					72,0
74,0	38,4	109,6	34 600	56 000*	44,4	114,5	28 200	63 400*	49,7	117,7	21 900	61 100*					74,0
76,0	35,8	106,9	32 800	53 500*	42,2	112,3	26 600	60 700*	47,7	115,8	20 500	58 800*					76,0
78,0	33,1	103,8	31 000	51 200*	39,8	109,9	25 000	58 100*	45,6	113,9	19 000	56 700*	50,6	116,3	13 300	52 600*	78,0
80,0	30,1	100,4	29 300	48 900*	37,4	107,3	23 400	55 600*	43,4	111,7	17 700	54 600*	48,6	114,5	12 100	50 700*	80,0
84,0	23,2	92,1	26 000	44 700*	31,9	101,2	20 600	50 900*	38,7	107,0	15 200	50 800*	44,4	110,6	9 900	47 100*	84,0
88,0	12,8	78,9	22 900	37 000*	25,4	93,6	17 900	46 400*	33,4	101,2	12 900	47 300*	39,8	106,0	7 800	43 800*	88,0
92,0					16,6	82,5	15 400	42 000*	27,3	94,1	10 700	44 100*	34,7	100,5	6 000	40 700*	92,0
96,0									19,3	84,3	8 600	41 100*	28,8	93,7	4 200	37 900*	96,0
100,0													21,3	84,7	2 500	35 300*	100,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

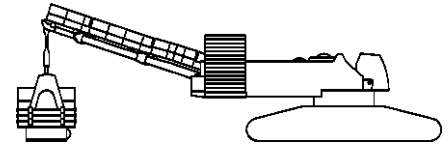
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
51,8	63,2	136,2	63 600	78 100*													51,8
52,0	63,0	136,1	63 300	77 900*													52,0
54,0	61,4	135,0	59 500	76 100*													54,0
56,0	59,8	133,9	56 000	73 200*													56,0
58,0	58,2	132,6	52 800	70 500*	62,4	134,4	44 200	73 900*									58,0
60,0	56,5	131,3	49 800	67 700*	60,8	133,3	41 500	73 700*									60,0
62,0	54,8	129,9	47 000	64 900*	59,2	132,1	39 000	72 100*									62,0
64,0	53,1	128,4	44 400	62 200*	57,5	130,8	36 700	69 400*									64,0
66,0	51,3	126,7	41 900	59 600*	55,8	129,4	34 500	66 800*									66,0
68,0	49,4	125,0	39 600	57 000*	54,1	128,0	32 400	64 100*									68,0
70,0	47,5	123,2	37 400	54 500*	52,3	126,4	30 400	61 500*	56,7	128,5	23 600	64 800*					70,0
72,0	45,6	121,2	35 300	52 000*	50,5	124,8	28 600	58 900*	55,0	127,1	22 000	62 200*					72,0
74,0	43,6	119,1	33 300	49 600*	48,7	123,0	26 800	56 400*	53,3	125,6	20 400	59 900*					74,0
76,0	41,5	116,9	31 500	47 300*	46,8	121,1	25 100	53 900*	51,5	124,0	18 900	57 600*					76,0
78,0	39,3	114,4	29 700	45 000*	44,8	119,1	23 600	51 500*	49,7	122,3	17 500	55 500*					78,0
80,0	37,0	111,8	28 000	42 800*	42,7	116,9	22 100	49 100*	47,8	120,4	16 200	53 400*	52,3	122,5	10 500	49 400*	80,0
84,0	31,9	105,7	24 900	38 700*	38,4	112,1	19 200	44 600*	43,8	116,4	13 700	49 700*	48,6	119,1	8 300	45 800*	84,0
88,0	26,0	98,2	22 000	34 900*	33,5	106,4	16 700	40 300*	39,5	111,7	11 500	46 000*	44,7	115,2	6 300	42 600*	88,0
92,0	18,2	87,8	19 300	31 500*	27,8	99,3	14 300	36 400*	34,8	106,3	9 300	41 700*	40,5	110,7	4 500	39 600*	92,0
96,0					20,8	90,1	12 100	32 800*	29,4	99,7	7 400	37 700*	35,9	105,4	2 800	36 800*	96,0
100,0					9,3	74,1	9 800	29 100*	22,9	91,1	5 500	34 000*	30,7	99,1	1 200	34 000*	100,0
104,0									13,4	78,1	3 700	30 700*	24,5	91,1		31 300*	104,0
108,0													16,0	79,6		28 700*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
54,9	63,0	141,5	56 200	66 500*													54,9
56,0	62,1	140,9	54 200	65 100*													56,0
58,0	60,6	139,8	51 000	62 500*													58,0
60,0	59,1	138,6	48 000	60 000*													60,0
62,0	57,6	137,3	45 200	57 300*	61,5	139,2	37 100	63 100*									62,0
64,0	56,0	135,9	42 600	54 800*	60,0	138,0	34 700	61 300*									64,0
66,0	54,4	134,5	40 100	52 300*	58,5	136,8	32 500	58 800*									66,0
68,0	52,8	133,0	37 800	49 900*	56,9	135,5	30 400	56 400*									68,0
70,0	51,1	131,3	35 600	47 400*	55,4	134,1	28 500	53 900*									70,0
72,0	49,4	129,6	33 600	45 000*	53,8	132,6	26 600	51 500*									72,0
74,0	47,6	127,8	31 700	42 700*	52,1	131,1	24 900	49 200*	56,2	133,1	18 300	54 500*					74,0
76,0	45,8	125,8	29 800	40 500*	50,4	129,4	23 200	46 700*	54,6	131,7	16 900	52 300*					76,0
78,0	44,0	123,8	28 100	38 300*	48,7	127,6	21 700	44 400*	53,0	130,2	15 500	50 000*					78,0
80,0	42,0	121,6	26 400	36 200*	46,9	125,7	20 200	42 100*	51,3	128,6	14 200	47 800*					80,0
84,0	37,9	116,6	23 300	32 200*	43,2	121,6	17 500	37 800*	47,9	125,0	11 700	43 300*	52,1	127,2	6 100	44 200*	84,0
88,0	33,4	110,8	20 500	28 500*	39,2	116,9	14 900	33 700*	44,2	121,1	9 500	39 000*	48,6	123,7	4 200	40 900*	88,0
92,0	28,1	103,8	17 900	25 000*	34,8	111,4	12 600	29 900*	40,3	116,5	7 400	34 900*	45,0	119,8	2 400	37 900*	92,0
96,0	21,8	94,9	15 400	21 900*	29,8	104,8	10 500	26 300*	36,0	111,2	5 500	31 000*	41,2	115,4	800	34 800*	96,0
100,0	12,4	81,1	13 000	19 000*	23,8	96,6	8 400	23 100*	31,2	105,0	3 800	27 400*	37,0	110,3		31 900*	100,0
104,0					15,8	84,9	6 500	20 100*	25,5	97,2	2 100	24 100*	32,3	104,3		28 300*	104,0
108,0									18,3	86,8	500	21 000*	26,9	97,0		24 900*	108,0
112,0													20,1	87,3		21 800*	112,0

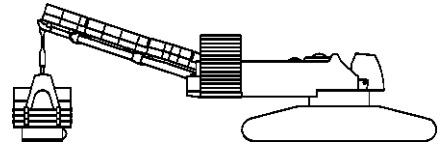


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

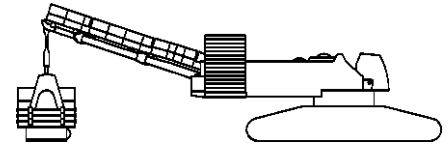
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
65,5	57,4	142,2	39 300	46 600*	61,1	144,2	31 400	52 300*									65,5
66,0	57,0	141,9	38 700	46 000*	60,7	143,9	30 900	51 800*									66,0
68,0	55,6	140,6	36 400	43 700*	59,3	142,7	28 900	49 600*									68,0
70,0	54,1	139,1	34 200	41 400*	57,9	141,5	26 900	47 300*									70,0
72,0	52,5	137,6	32 200	39 100*	56,4	140,1	25 100	45 000*									72,0
74,0	51,0	135,9	30 300	36 900*	55,0	138,7	23 400	42 900*									74,0
76,0	49,4	134,2	28 400	34 800*	53,4	137,2	21 700	40 600*									76,0
78,0	47,7	132,4	26 700	32 600*	51,9	135,6	20 200	38 400*	55,7	137,8	13 900	43 500*					78,0
80,0	46,1	130,5	25 000	30 600*	50,3	134,0	18 700	36 200*	54,2	136,3	12 600	41 400*					80,0
84,0	42,5	126,2	22 000	26 800*	47,1	130,4	16 000	32 100*	51,2	133,2	10 100	37 200*					84,0
88,0	38,7	121,4	19 200	23 100*	43,6	126,3	13 500	28 100*	47,9	129,6	8 000	33 100*	51,9	131,7	2 500	37 500*	88,0
92,0	34,6	115,9	16 600	19 700*	39,9	121,7	11 200	24 400*	44,5	125,7	5 900	29 200*	48,7	128,3	800	33 700*	92,0
96,0					35,8	116,3	9 100	20 900*	40,9	121,2	4 100	25 400*	45,3	124,5		29 900*	96,0
100,0					31,4	110,1	7 100	17 700*	36,9	116,1	2 300	21 900*	41,7	120,1		26 200*	100,0
104,0					26,2	102,6	5 300	14 700*	32,6	110,2	700	18 700*	37,9	115,2		22 700*	104,0
108,0					19,7	92,7	3 500	12 000*	27,6	103,0		15 600*	33,6	109,4		19 400*	108,0
112,0					9,4	76,2	1 700	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	64,8	93,7	168 900	234 300* ^b													27,4
28,0	63,4	93,3	164 800	229 500* ^b													28,0
30,0	58,5	92,1	151 100	213 300*													30,0
32,0	53,3	90,6	139 300	199 100*													32,0
34,0	47,6	88,7	128 900	186 600*													34,0
36,0	41,3	86,5	119 600	175 400*	57,8	90,5	107 200	167 200*									36,0
38,0	34,0	83,6	111 300	165 300*	52,5	88,9	99 700	157 600*									38,0
40,0	24,5	79,5	103 700	153 700*	46,7	87,1	93 100	149 000*									40,0
42,0					40,3	84,7	87 100	141 100*									42,0
44,0					32,7	81,7	81 500	133 800*	51,3	86,7	71 900	127 400*					44,0
46,0					22,7	77,3	76 300	127 100*	45,4	84,7	67 400	121 100*					46,0
48,0									38,8	82,2	63 300	115 300*					48,0
50,0									30,8	79,0	59 400	109 900*	49,5	83,8	51 400	104 500*	50,0
52,0													43,4	81,7	48 300	99 700*	52,0
54,0													36,5	79,0	45 300	95 300*	54,0
56,0													27,9	75,4	42 500	91 200*	56,0

67,1m (220 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	66,8	99,7	157 300	220 500* ^b													29,0
30,0	64,9	99,2	150 600	212 500*													30,0
32,0	60,9	98,1	138 800	198 400*													32,0
34,0	56,8	96,7	128 500	186 000*													34,0
36,0	52,5	95,2	119 400	174 900*													36,0
38,0	47,9	93,3	111 300	164 900*													38,0
40,0	42,9	91,2	104 000	155 900*	56,2	95,1	92 400	148 100*									40,0
42,0	37,3	88,6	97 400	147 700*	51,8	93,5	86 500	140 400*									42,0
44,0	30,7	85,3	91 300	140 100*	47,2	91,7	81 100	133 300*									44,0
46,0	22,3	80,8	85 700	131 700*	42,1	89,5	76 200	126 800*	55,3	92,9	66 500	120 200*					46,0
48,0					36,4	86,8	71 700	120 700*	50,8	91,3	62 500	114 500*					48,0
50,0					29,6	83,4	67 400	115 200*	46,1	89,3	58 800	109 300*					50,0
52,0					20,8	78,6	63 400	109 900*	40,9	87,1	55 400	104 400*					52,0
54,0									35,0	84,2	52 200	99 900*	49,4	88,4	44 300	94 500*	54,0
56,0									27,9	80,6	49 100	95 600*	44,5	86,3	41 700	90 500*	56,0
58,0													39,1	83,9	39 300	86 700*	58,0
60,0													32,9	80,9	36 900	83 100*	60,0
62,0													25,3	76,9	34 600	79 600*	62,0
64,0													13,6	70,3	32 300	76 300*	64,0

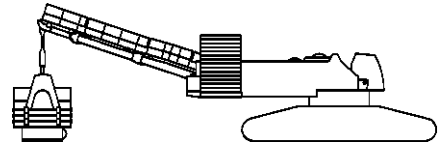
Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

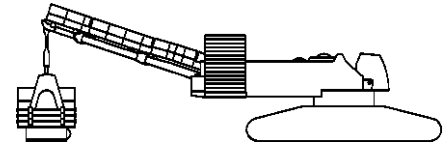
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	65,8	105,0	137 100	190 100*													32,0
34,0	62,5	103,9	126 900	183 600*													34,0
36,0	59,2	102,7	117 900	173 600*													36,0
38,0	55,6	101,3	109 900	163 500*													38,0
40,0	52,0	99,8	102 700	154 600*	62,0	102,4	90 400	146 500*									40,0
42,0	48,1	97,9	96 200	146 500*	58,6	101,2	84 600	138 800*									42,0
44,0	43,9	95,9	90 300	139 000*	55,1	99,7	79 400	131 700*									44,0
46,0	39,3	93,4	84 900	132 300*	51,4	98,1	74 600	125 300*									46,0
48,0	34,3	90,6	79 900	126 000*	47,5	96,3	70 200	119 400*									48,0
50,0	28,3	87,0	75 300	120 100*	43,2	94,2	66 100	113 900*	54,3	97,5	56 800	107 600*					50,0
52,0	20,7	82,1	70 900	113 200*	38,6	91,7	62 300	108 800*	50,5	95,9	53 500	102 800*					52,0
54,0					33,4	88,7	58 800	104 100*	46,6	94,0	50 400	98 300*					54,0
56,0					27,3	85,0	55 500	99 700*	42,3	91,8	47 600	94 200*					56,0
58,0					19,3	79,8	52 300	95 400*	37,5	89,2	44 800	90 300*	49,3	93,0	37 200	85 100*	58,0
60,0									32,2	86,1	42 300	86 600*	45,3	91,0	35 000	81 600*	60,0
62,0									25,8	82,1	39 800	83 100*	40,8	88,7	33 000	78 300*	62,0
64,0									17,1	76,4	37 400	79 700*	36,0	85,9	31 000	75 200*	64,0
66,0													30,4	82,6	29 100	72 200*	66,0
68,0													23,5	78,3	27 200	69 300*	68,0
70,0													13,0	71,4	25 300	66 500*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	67,2	111,0	128 200	167 400*													33,5
34,0	66,5	110,8	126 000	166 400*													34,0
36,0	63,7	109,8	116 900	161 900*													36,0
38,0	60,8	108,7	108 900	156 500*													38,0
40,0	57,8	107,4	101 700	150 500*													40,0
42,0	54,8	106,0	95 300	144 400*													42,0
44,0	51,6	104,3	89 400	137 900*	60,4	107,1	78 100	130 600*									44,0
46,0	48,2	102,6	84 100	131 400*	57,4	105,8	73 300	124 200*									46,0
48,0	44,6	100,5	79 200	125 100*	54,3	104,3	69 000	118 300*									48,0
50,0	40,8	98,2	74 800	119 100*	51,1	102,7	65 000	112 900*									50,0
52,0	36,6	95,6	70 600	113 300*	47,7	100,9	61 300	107 900*	56,7	103,6	52 100	101 700*					52,0
54,0	31,9	92,4	66 700	108 200*	44,1	98,8	57 900	103 200*	53,6	102,2	49 100	97 200*					54,0
56,0	26,5	88,5	63 100	103 600*	40,2	96,5	54 700	98 900*	50,3	100,5	46 300	93 100*					56,0
58,0	19,6	83,4	59 600	93 800*	36,0	93,7	51 700	94 800*	46,9	98,6	43 700	89 300*					58,0
60,0					31,2	90,5	48 900	91 000*	43,2	96,5	41 200	85 700*					60,0
62,0					25,6	86,5	46 200	87 300*	39,3	94,0	38 900	82 300*	49,3	97,6	31 600	77 200*	62,0
64,0					18,3	81,0	43 600	83 900*	35,0	91,2	36 700	79 100*	45,8	95,6	29 700	74 100*	64,0
66,0									30,0	87,8	34 600	76 000*	42,0	93,4	27 900	71 200*	66,0
68,0									24,2	83,6	32 600	73 000*	38,0	90,9	26 200	68 500*	68,0
70,0									16,2	77,6	30 600	70 200*	33,5	87,9	24 600	65 900*	70,0
72,0													28,4	84,3	23 000	63 500*	72,0
74,0													22,0	79,7	21 500	61 100*	74,0
76,0													12,6	72,4	19 800	58 700*	76,0

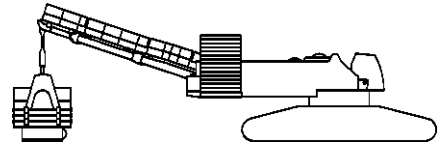


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

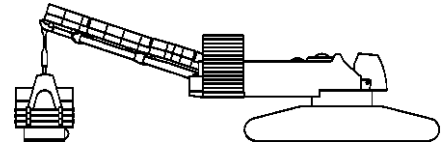
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	66,3	116,3	112 700	144 800*													36,6
38,0	64,6	115,6	107 100	142 300*													38,0
40,0	62,1	114,6	100 000	138 300*													40,0
42,0	59,5	113,3	93 600	133 800*													42,0
44,0	56,8	112,0	87 800	129 100*													44,0
46,0	54,1	110,6	82 500	124 000*	61,7	113,0	71 300	122 500*									46,0
48,0	51,3	108,9	77 700	118 800*	59,1	111,8	67 000	116 700*									48,0
50,0	48,3	107,2	73 200	113 600*	56,4	110,4	63 100	111 300*									50,0
52,0	45,2	105,2	69 100	108 500*	53,7	109,0	59 400	106 300*									52,0
54,0	41,9	102,9	65 400	103 600*	50,8	107,3	56 100	101 700*									54,0
56,0	38,3	100,4	61 800	98 900*	47,8	105,5	52 900	97 400*	55,8	108,3	44 200	91 400*					56,0
58,0	34,4	97,5	58 500	94 500*	44,7	103,5	50 000	93 400*	53,1	106,7	41 600	87 600*					58,0
60,0	30,1	94,2	55 400	90 500*	41,3	101,2	47 300	89 600*	50,2	105,1	39 200	84 100*					60,0
62,0	25,0	90,0	52 500	86 600*	37,7	98,6	44 700	86 000*	47,2	103,2	36 900	80 700*					62,0
64,0	18,6	84,6	49 600	78 400*	33,8	95,7	42 300	82 700*	44,0	101,1	34 800	77 500*	52,2	103,9	27 500	72 300*	64,0
66,0					29,4	92,2	40 000	79 500*	40,6	98,8	32 800	74 500*	49,3	102,2	25 700	69 500*	66,0
68,0					24,2	88,0	37 800	76 500*	36,9	96,2	30 900	71 700*	46,2	100,2	24 100	66 900*	68,0
70,0					17,4	82,2	35 600	73 500*	32,9	93,1	29 100	69 000*	42,9	98,1	22 600	64 400*	70,0
72,0									28,3	89,5	27 400	66 400*	39,5	95,7	21 100	61 900*	72,0
74,0									22,9	85,0	25 700	63 900*	35,7	92,9	19 700	59 700*	74,0
76,0									15,6	78,7	24 000	61 500*	31,5	89,7	18 300	57 500*	76,0
78,0													26,7	85,9	17 000	55 400*	78,0
80,0													20,9	81,0	15 700	53 300*	80,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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

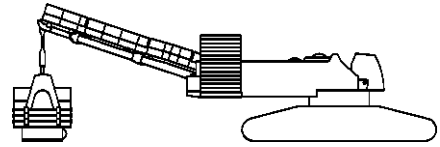
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	67,3	122,3	105 500	127 500*													38,1
40,0	65,3	121,4	98 700	125 700*													40,0
42,0	63,0	120,4	92 300	122 700*													42,0
44,0	60,8	119,3	86 500	119 200*													44,0
46,0	58,4	118,0	81 300	115 600*													46,0
48,0	56,0	116,7	76 500	111 600*													48,0
50,0	53,6	115,2	72 100	107 500*	60,4	117,7	61 700	110 100*									50,0
52,0	51,0	113,6	68 000	103 300*	58,1	116,5	58 100	105 100*									52,0
54,0	48,4	111,8	64 200	99 000*	55,7	115,1	54 700	100 500*									54,0
56,0	45,6	109,8	60 800	94 900*	53,2	113,6	51 600	96 300*									56,0
58,0	42,7	107,6	57 500	90 900*	50,6	111,9	48 700	92 300*	57,6	114,3	40 100	86 400*					58,0
60,0	39,6	105,2	54 500	87 000*	48,0	110,1	46 000	88 500*	55,1	112,9	37 700	82 800*					60,0
62,0	36,2	102,5	51 600	83 300*	45,2	108,1	43 500	85 000*	52,6	111,3	35 500	79 500*					62,0
64,0	32,6	99,4	48 900	79 900*	42,2	105,9	41 100	81 700*	50,1	109,7	33 400	76 400*					64,0
66,0	28,5	95,8	46 400	76 800*	39,1	103,5	38 900	78 600*	47,4	107,8	31 400	73 400*					66,0
68,0	23,8	91,5	43 900	73 300*	35,7	100,7	36 800	75 700*	44,5	105,8	29 600	70 600*					68,0
70,0	17,8	85,8	41 600	66 300*	32,0	97,6	34 800	72 800*	41,6	103,5	27 800	67 900*	49,2	106,8	21 000	63 100*	70,0
72,0					27,9	93,9	32 800	70 100*	38,4	101,0	26 200	65 400*	46,5	104,9	19 600	60 800*	72,0
74,0					23,0	89,4	31 000	67 500*	34,9	98,2	24 600	63 000*	43,6	102,8	18 300	58 500*	74,0
76,0					16,8	83,4	29 200	65 100*	31,2	94,9	23 100	60 700*	40,6	100,4	17 000	56 400*	76,0
78,0									26,9	91,1	21 600	58 600*	37,3	97,8	15 700	54 400*	78,0
80,0									21,8	86,4	20 200	56 400*	33,8	94,9	14 500	52 400*	80,0
84,0													25,4	87,4	12 200	48 800*	84,0
88,0													12,1	74,6	9 900	45 300*	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
 211 830 kg Hanging 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

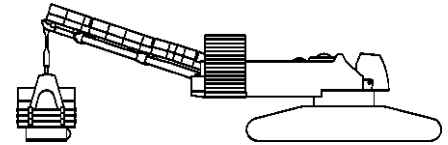
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	66,6	127,6	93 100	111 200*													41,1
42,0	65,8	127,2	90 500	110 600*													42,0
44,0	63,8	126,2	84 700	108 600*													44,0
46,0	61,8	125,2	79 500	106 000*													46,0
48,0	59,7	124,0	74 700	103 100*													48,0
50,0	57,6	122,7	70 300	100 100*													50,0
52,0	55,4	121,3	66 300	96 900*	61,5	123,6	56 000	103 400*									52,0
54,0	53,1	119,8	62 500	93 500*	59,4	122,4	52 700	98 900*									54,0
56,0	50,8	118,2	59 100	90 100*	57,2	121,1	49 600	94 600*									56,0
58,0	48,4	116,4	55 900	86 600*	55,0	119,7	46 700	90 700*									58,0
60,0	45,9	114,4	52 900	83 300*	52,8	118,2	44 100	87 000*									60,0
62,0	43,3	112,3	50 000	80 000*	50,5	116,5	41 600	83 500*	56,8	118,9	33 300	77 800*					62,0
64,0	40,6	110,0	47 400	76 800*	48,1	114,7	39 300	80 200*	54,6	117,5	31 300	74 700*					64,0
66,0	37,7	107,4	44 900	73 700*	45,5	112,7	37 100	77 100*	52,3	116,0	29 400	71 800*					66,0
68,0	34,5	104,5	42 600	70 800*	42,9	110,6	35 000	74 200*	49,9	114,3	27 500	69 000*					68,0
70,0	31,1	101,2	40 300	68 100*	40,1	108,2	33 100	71 400*	47,5	112,4	25 800	66 300*					70,0
72,0	27,3	97,5	38 200	65 400*	37,2	105,6	31 200	68 800*	45,0	110,4	24 200	63 900*	51,6	113,1	17 400	59 000*	72,0
74,0	22,8	92,9	36 200	61 600*	34,0	102,7	29 400	66 300*	42,3	108,2	22 700	61 500*	49,2	111,4	16 100	56 800*	74,0
76,0	17,2	87,0	34 200	55 800*	30,5	99,3	27 700	63 900*	39,5	105,8	21 200	59 300*	46,7	109,5	14 800	54 700*	76,0
78,0					26,6	95,5	26 100	61 600*	36,5	103,1	19 800	57 100*	44,2	107,4	13 600	52 700*	78,0
80,0					22,1	90,8	24 500	59 400*	33,3	100,1	18 500	55 100*	41,5	105,2	12 500	50 800*	80,0
84,0									25,7	92,7	15 900	51 300*	35,5	99,9	10 300	47 200*	84,0
88,0									14,6	80,9	13 400	47 700*	28,5	93,2	8 300	44 000*	88,0
92,0													19,2	83,5	6 300	40 900*	92,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	64,7	132,2	78 800	96 500*													45,7
46,0	64,4	132,1	78 100	96 300*													46,0
48,0	62,6	131,0	73 300	94 300*													48,0
50,0	60,7	129,9	69 000	92 100*													50,0
52,0	58,8	128,7	65 000	89 800*													52,0
54,0	56,8	127,3	61 200	87 300*	62,3	129,5	51 200	92 800*									54,0
56,0	54,8	125,9	57 800	84 700*	60,4	128,3	48 100	92 700*									56,0
58,0	52,8	124,4	54 600	81 900*	58,5	127,1	45 300	89 500*									58,0
60,0	50,7	122,7	51 600	79 100*	56,5	125,8	42 600	85 700*									60,0
62,0	48,5	121,0	48 800	76 300*	54,5	124,3	40 200	82 300*									62,0
64,0	46,2	119,1	46 200	73 500*	52,5	122,8	37 800	79 000*	56,1	123,6	27 800	70 500*					64,0
66,0	43,8	117,0	43 700	70 800*	50,3	121,1	35 600	76 000*	54,1	122,1	26 000	67 800*					66,0
68,0	41,4	114,7	41 400	68 200*	48,1	119,3	33 600	73 100*	52,0	120,6	24 300	65 100*					68,0
70,0	38,8	112,2	39 200	65 600*	45,9	117,4	31 700	70 300*	49,9	118,9	22 700	62 600*					70,0
72,0	36,0	109,5	37 100	63 200*	43,5	115,3	29 900	67 700*	47,7	117,0	21 200	60 300*					72,0
74,0	33,0	106,4	35 200	60 900*	41,0	113,0	28 100	65 200*	45,4	115,1	19 800	58 100*	51,3	117,7	13 200	53 500*	74,0
76,0	29,8	103,0	33 300	58 300*	38,4	110,4	26 500	62 900*	43,0	112,9	18 400	56 000*	49,2	116,0	12 000	51 500*	76,0
78,0	26,2	99,0	31 500	55 400*	35,6	107,7	24 900	60 600*	40,4	110,6	17 100	54 000*	46,9	114,1	10 900	49 600*	78,0
80,0	21,9	94,3	29 700	52 300*	32,6	104,6	23 400	58 400*	34,9	105,2	14 600	50 200*	42,2	109,9	8 800	46 100*	80,0
84,0					25,6	97,0	20 600	54 400*	28,5	98,4	12 400	46 800*	36,9	104,8	6 900	42 900*	88,0
92,0									20,2	89,0	10 200	43 600*	30,9	98,6	5 100	39 900*	92,0
96,0													23,4	90,3	3 400	37 200*	96,0
100,0													11,8	76,7	1 600	34 400*	100,0

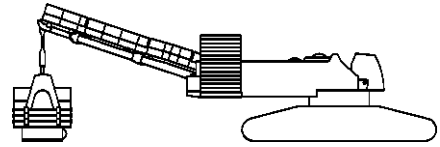


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

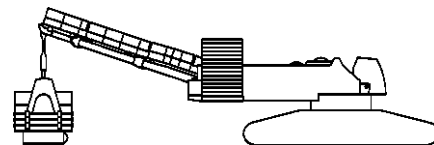
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	64,3	137,5	69 800	83 600*													48,8
50,0	63,3	136,9	67 100	83 400*													50,0
52,0	61,6	135,8	63 100	81 900*													52,0
54,0	59,8	134,6	59 400	80 100*													54,0
56,0	58,0	133,3	56 000	78 200*													56,0
58,0	56,2	132,0	52 800	76 200*	61,3	134,2	43 200	79 900*									58,0
60,0	54,4	130,5	49 800	74 000*	59,6	133,0	40 600	79 900*									60,0
62,0	52,5	129,0	47 100	71 800*	57,8	131,8	38 100	79 900*									62,0
64,0	50,5	127,3	44 500	69 600*	56,0	130,4	35 800	77 400*									64,0
66,0	48,5	125,6	42 000	67 300*	54,1	128,9	33 700	74 400*									66,0
68,0	46,4	123,7	39 700	64 600*	52,2	127,4	31 700	71 600*									68,0
70,0	44,3	121,6	37 600	62 000*	50,2	125,7	29 800	68 800*	55,6	128,2	22 200	63 400*					70,0
72,0	42,0	119,4	35 500	59 400*	48,2	123,9	28 000	66 200*	53,7	126,7	20 600	61 000*					72,0
74,0	39,7	117,0	33 600	56 900*	46,1	122,0	26 300	63 700*	51,8	125,2	19 100	58 700*					74,0
76,0	37,2	114,4	31 700	54 500*	44,0	119,9	24 600	61 400*	49,8	123,5	17 700	56 500*					76,0
78,0	34,6	111,5	30 000	52 200*	41,7	117,7	23 100	59 200*	47,8	121,6	16 400	54 400*					78,0
80,0	31,7	108,3	28 300	49 900*	39,3	115,2	21 600	57 000*	45,7	119,7	15 100	52 400*	51,2	122,3	8 700	47 900*	80,0
84,0	25,2	100,6	25 100	45 700*	34,2	109,7	18 900	52 400*	41,2	115,3	12 700	48 700*	47,1	118,7	6 700	44 400*	84,0
88,0	16,2	89,3	22 200	39 400*	28,2	102,7	16 300	48 000*	36,3	110,1	10 500	45 300*	42,8	114,5	4 800	41 300*	88,0
92,0					20,5	93,4	14 000	43 900*	30,6	103,8	8 500	42 200*	38,0	109,7	3 100	38 400*	92,0
96,0					6,5	75,3	11 400	34 500*	23,8	95,6	6 600	39 300*	32,7	103,8	1 500	35 400*	96,0
100,0									13,9	83,1	4 700	36 600*	26,4	96,4		32 600*	100,0
104,0													18,0	86,0		29 900*	104,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
53,3	62,8	142,0	59 200	72 600*													53,3
54,0	62,3	141,6	58 000	72 400*													54,0
56,0	60,7	140,5	54 600	71 500*													56,0
58,0	59,1	139,3	51 400	70 000*													58,0
60,0	57,4	138,0	48 400	68 100*	62,0	140,1	39 000	69 100*									60,0
62,0	55,7	136,6	45 600	65 400*	60,4	138,9	36 600	69 100*									62,0
64,0	54,0	135,2	43 100	62 800*	58,8	137,7	34 300	69 100*									64,0
66,0	52,2	133,6	40 600	60 300*	57,2	136,4	32 200	67 800*									66,0
68,0	50,4	131,9	38 400	57 700*	55,5	135,0	30 200	65 200*									68,0
70,0	48,6	130,2	36 200	55 200*	53,7	133,6	28 300	62 700*									70,0
72,0	46,6	128,3	34 200	52 800*	52,0	132,0	26 500	60 200*	56,8	134,3	19 000	59 800*					72,0
74,0	44,7	126,2	32 200	50 400*	50,1	130,3	24 800	57 800*	55,1	132,9	17 500	57 500*					74,0
76,0	42,6	124,1	30 400	48 200*	48,3	128,5	23 200	55 400*	53,3	131,4	16 100	55 200*					76,0
78,0	40,5	121,7	28 700	45 900*	46,3	126,6	21 700	53 000*	51,6	129,8	14 800	53 200*					78,0
80,0	38,2	119,2	27 100	43 700*	44,4	124,6	20 200	50 600*	49,7	128,1	13 500	51 200*					80,0
84,0	33,3	113,4	23 900	39 600*	40,1	120,0	17 500	46 100*	45,9	124,3	11 200	47 500*	51,0	126,9	5 000	43 200*	84,0
88,0	27,7	106,4	21 100	35 800*	35,5	114,7	15 100	41 800*	41,8	120,0	9 000	44 200*	47,3	123,3	3 200	40 000*	88,0
92,0	20,5	97,0	18 500	32 300*	30,2	108,2	12 800	37 800*	37,4	115,0	7 100	41 100*	43,3	119,2	1 500	36 800*	92,0
96,0	8,7	80,4	15 800	27 600*	23,8	100,0	10 600	34 200*	32,3	109,0	5 200	38 300*	38,9	114,4		33 800*	96,0
100,0					15,0	88,0	8 500	30 800*	26,5	101,6	3 500	35 600*	34,1	108,8		31 100*	100,0
104,0									19,0	91,6	1 800	32 400*	28,6	102,0		28 500*	104,0
108,0													21,8	93,1		26 100*	108,0
112,0													11,5	78,9		23 700*	112,0

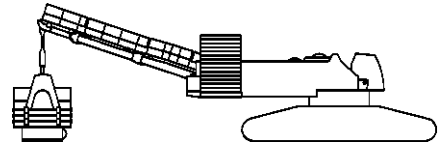


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

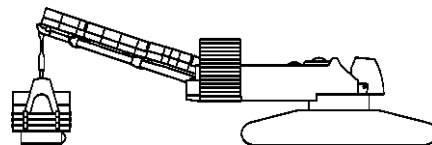
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
56,4	62,6	147,3	52 100	63 000*													56,4
58,0	61,4	146,4	49 500	62 600*													58,0
60,0	59,9	145,2	46 600	60 200*													60,0
62,0	58,4	144,0	43 800	57 800*													62,0
64,0	56,8	142,6	41 200	55 300*	61,2	144,8	32 300	59 500*									64,0
66,0	55,3	141,3	38 900	52 900*	59,7	143,6	30 200	59 100*									66,0
68,0	53,6	139,8	36 600	50 600*	58,2	142,4	28 200	57 400*									68,0
70,0	52,0	138,2	34 400	48 200*	56,6	141,1	26 300	55 000*									70,0
72,0	50,3	136,5	32 400	45 900*	55,0	139,7	24 500	52 700*									72,0
74,0	48,6	134,8	30 500	43 600*	53,4	138,2	22 800	50 400*									74,0
76,0	46,8	132,9	28 700	41 400*	51,8	136,6	21 200	48 100*	56,3	138,9	14 000	53 600*					76,0
78,0	45,0	130,9	27 000	39 200*	50,1	134,9	19 800	45 900*	54,7	137,5	12 700	51 500*					78,0
80,0	43,1	128,7	25 300	37 100*	48,3	133,1	18 300	43 600*	53,0	136,0	11 400	49 500*					80,0
84,0	39,0	124,0	22 300	33 100*	44,7	129,2	15 700	39 200*	49,7	132,7	9 100	45 300*					84,0
88,0	34,6	118,5	19 500	29 400*	40,8	124,7	13 200	35 100*	46,1	128,9	7 000	40 900*	50,9	131,5	1 000	37 700*	88,0
92,0	29,6	111,8	17 000	25 900*	36,6	119,6	11 000	31 300*	42,4	124,7	5 100	36 900*	47,4	127,9		34 500*	92,0
96,0	23,6	103,5	14 600	22 600*	31,8	113,5	8 900	27 600*	38,3	119,8	3 300	32 900*	43,7	123,9		31 700*	96,0
100,0	15,5	91,6	12 200	19 700*	26,3	106,0	7 000	24 300*	33,7	114,1	1 700	29 200*	39,7	119,2		28 900*	100,0
104,0					19,4	96,0	5 100	21 200*	28,6	107,2		25 800*	35,4	113,8		26 400*	104,0
108,0					7,2	77,8	3 100	18 500*	22,3	98,5		22 600*	30,5	107,4		24 100*	108,0
112,0									13,4	85,3		19 700*	24,7	99,4		21 900*	112,0
116,0													17,1	88,4		19 800*	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
211 830 kg Hanging 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

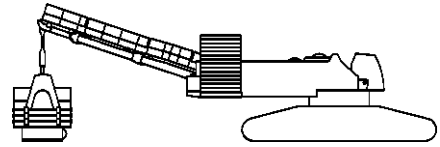
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
61,0	61,4	151,7	43 800	52 200*												61,0	
62,0	60,7	151,1	42 400	51 100*												62,0	
64,0	59,2	149,9	39 800	48 800*												64,0	
66,0	57,8	148,6	37 400	46 600*	61,8	150,7	28 600	51 100*								66,0	
68,0	56,4	147,3	35 100	44 400*	60,5	149,6	26 600	50 300*								68,0	
70,0	54,9	145,9	33 000	42 200*	59,0	148,4	24 700	48 300*								70,0	
72,0	53,4	144,4	31 000	39 900*	57,6	147,1	22 900	46 100*								72,0	
74,0	51,8	142,8	29 100	37 800*	56,1	145,7	21 300	44 000*								74,0	
76,0	50,2	141,1	27 300	35 600*	54,6	144,3	19 700	41 900*								76,0	
78,0	48,6	139,4	25 600	33 600*	53,1	142,8	18 200	39 800*	57,3	144,9	11 000	44 900*				78,0	
80,0	46,9	137,5	23 900	31 500*	51,6	141,2	16 800	37 600*	55,8	143,6	9 800	42 900*				80,0	
84,0	43,5	133,4	21 000	27 600*	48,4	137,7	14 200	33 500*	52,8	140,6	7 500	39 000*				84,0	
88,0	39,8	128,8	18 200	24 000*	45,0	133,8	11 700	29 500*	49,6	137,3	5 500	35 000*				88,0	
92,0	35,7	123,4	15 700	20 500*	41,4	129,4	9 500	25 700*	46,3	133,5	3 500	31 000*	50,7	136,1	32 900*	92,0	
96,0	31,2	117,2	13 300	17 400*	37,5	124,4	7 500	22 200*	42,8	129,4	1 800	27 300*	47,5	132,5	30 000*	96,0	
100,0	26,0	109,6	11 100	14 400*	33,2	118,6	5 600	18 900*	39,0	124,6		23 700*	44,0	128,5	27 300*	100,0	
104,0	19,5	99,6	9 100	11 700*	28,3	111,6	3 800	15 900*	34,9	119,1		20 300*	40,4	124,0	24 800*	104,0	
108,0	8,9	82,6	7 000	9 400*	22,5	102,8	2 200	13 000*	30,3	112,6		17 200*	36,4	118,7	21 500*	108,0	
112,0					14,4	90,2	500	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
 211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
27,4	67,3	100,2	166 800	224 600* b													27,4
28,0	66,0	99,9	162 700	222 500* b													28,0
30,0	61,2	98,8	149 100	211 600* b													30,0
32,0	56,1	97,4	137 500	196 900*													32,0
34,0	50,7	95,7	127 200	184 500*													34,0
36,0	44,7	93,7	118 100	173 500*													36,0
38,0	38,0	91,2	109 900	163 500*	56,7	96,1	96 800	154 900*									38,0
40,0	29,9	87,9	102 500	154 400*	51,3	94,5	90 400	146 300*									40,0
42,0	18,2	82,6	95 500	137 500*	45,4	92,5	84 500	138 600*									42,0
44,0					38,8	90,0	79 100	131 500*									44,0
46,0					30,9	86,8	74 200	125 000*	51,5	92,5	63 900	118 100*					46,0
48,0					19,9	81,9	69 400	118 800*	45,6	90,5	60 000	112 400*					48,0
50,0									39,1	88,1	56 400	107 200*					50,0
52,0									31,2	84,9	52 900	102 300*	51,1	89,8	44 200	96 400*	52,0
54,0									20,4	80,1	49 500	97 700*	45,2	87,8	41 500	92 200*	54,0
56,0													38,6	85,4	39 000	88 300*	56,0
58,0													30,6	82,1	36 500	84 500*	58,0
60,0													19,4	77,1	34 000	80 700*	60,0

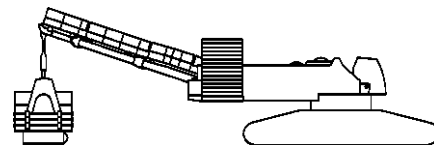
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	66,0	105,5	145 500	193 300*(b)													30,5
32,0	63,0	104,7	136 800	188 400*													32,0
34,0	59,0	103,4	126 700	181 100*													34,0
36,0	54,8	102,0	117 700	172 600*													36,0
38,0	50,4	100,3	109 700	163 000*													38,0
40,0	45,6	98,4	102 500	154 100*	59,5	102,1	89 400	145 400*									40,0
42,0	40,3	96,0	96 000	145 900*	55,3	100,7	83 700	137 800*									42,0
44,0	34,3	93,2	90 000	138 500*	50,9	99,1	78 500	130 800*									44,0
46,0	27,1	89,4	84 600	131 700*	46,1	97,1	73 700	124 400*									46,0
48,0	16,8	83,8	79 200	119 000*	40,9	94,8	69 400	118 500*	55,4	98,7	59 000	111 500*					48,0
50,0					35,0	92,0	65 300	113 100*	51,0	97,1	55 500	106 400*					50,0
52,0					28,0	88,4	61 500	107 900*	46,3	95,2	52 200	101 700*					52,0
54,0					18,3	83,1	57 700	103 100*	41,1	92,9	49 200	97 200*					54,0
56,0									35,3	90,1	46 300	93 100*					56,0
58,0									28,3	86,5	43 600	89 200*	46,0	92,5	35 600	83 700*	58,0
60,0									18,7	81,3	40 900	85 400*	40,8	90,2	33 500	80 200*	60,0
62,0													34,8	87,3	31 400	77 000*	62,0
64,0													27,7	83,7	29 400	73 900*	64,0
66,0													17,9	78,3	27 400	70 800*	66,0

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

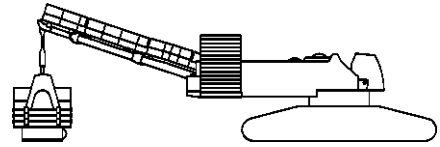


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

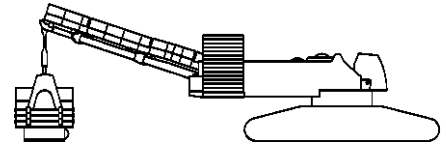
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
32,0	67,5	111,5	135 100	170 000*													32,0
34,0	64,3	110,5	125 000	165 200*													34,0
36,0	61,0	109,4	116 100	159 600*													36,0
38,0	57,5	108,1	108 200	153 200*													38,0
40,0	53,9	106,6	101 000	146 700*													40,0
42,0	50,2	104,9	94 700	139 900*	61,3	108,0	81 700	136 100*									42,0
44,0	46,1	103,0	88 900	133 200*	57,9	106,8	76 600	129 200*									44,0
46,0	41,8	100,8	83 600	126 700*	54,3	105,3	71 900	122 800*									46,0
48,0	37,0	98,2	78 700	120 600*	50,6	103,7	67 600	117 100*									48,0
50,0	31,6	95,0	74 100	115 200*	46,6	101,7	63 700	111 700*									50,0
52,0	25,1	90,9	69 900	110 700*	42,3	99,6	60 100	106 700*	54,5	103,3	50 100	100 000*					52,0
54,0	15,9	84,9	65 700	102 700*	37,6	97,0	56 700	102 100*	50,7	101,7	47 200	95 600*					54,0
56,0					32,2	93,9	53 500	97 700*	46,7	99,8	44 500	91 600*					56,0
58,0					25,9	89,9	50 400	93 600*	42,5	97,6	41 900	87 800*					58,0
60,0					17,2	84,2	47 400	89 700*	37,8	95,1	39 500	84 200*	50,5	99,0	31 300	78 500*	60,0
62,0									32,4	92,0	37 200	80 900*	46,5	97,1	29 400	75 300*	62,0
64,0									26,1	88,1	35 000	77 600*	42,2	94,9	27 600	72 400*	64,0
66,0									17,5	82,5	32 800	74 500*	37,4	92,3	25 800	69 500*	66,0
68,0													32,1	89,2	24 200	66 800*	68,0
70,0													25,6	85,2	22 500	64 200*	70,0
72,0													16,8	79,4	20 800	61 700*	72,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	66,5	116,8	119 100	147 500*													35,1
36,0	65,2	116,3	115 100	145 700*													36,0
38,0	62,4	115,3	107 100	141 400*													38,0
40,0	59,4	114,1	100 000	136 400*													40,0
42,0	56,4	112,7	93 700	131 200*													42,0
44,0	53,3	111,2	87 900	125 800*													44,0
46,0	50,0	109,5	82 700	120 300*	59,8	112,7	70 600	121 700*									46,0
48,0	46,5	107,6	77 900	114 800*	56,8	111,4	66 400	115 900*									48,0
50,0	42,9	105,5	73 400	109 500*	53,6	109,9	62 500	110 600*									50,0
52,0	38,9	103,0	69 300	104 400*	50,4	108,2	59 000	105 700*									52,0
54,0	34,5	100,1	65 500	99 800*	46,9	106,4	55 600	101 100*	56,9	109,4	45 800	94 500*					54,0
56,0	29,5	96,7	62 000	95 700*	43,3	104,2	52 600	96 900*	53,7	107,9	43 100	90 400*					56,0
58,0	23,5	92,3	58 600	92 300*	39,3	101,8	49 600	92 900*	50,5	106,3	40 600	86 700*					58,0
60,0	15,1	86,0	55 300	87 300*	35,0	99,0	46 900	89 100*	47,1	104,4	38 300	83 200*					60,0
62,0					30,1	95,6	44 400	85 600*	43,4	102,3	36 100	79 900*					62,0
64,0					24,2	91,4	41 900	82 200*	39,5	99,9	34 000	76 800*	50,3	103,6	26 100	71 200*	64,0
66,0					16,3	85,4	39 400	79 000*	35,2	97,1	32 100	73 700*	46,8	101,7	24 500	68 400*	66,0
68,0									30,3	93,7	30 200	70 900*	43,2	99,6	22 900	65 800*	68,0
70,0									24,5	89,5	28 300	68 200*	39,2	97,2	21 400	63 300*	70,0
72,0									16,6	83,6	26 500	65 600*	34,9	94,3	20 000	60 900*	72,0
74,0													29,9	90,9	18 600	58 700*	74,0
76,0													24,0	86,7	17 200	56 500*	76,0
78,0													16,0	80,6	15 800	54 300*	78,0

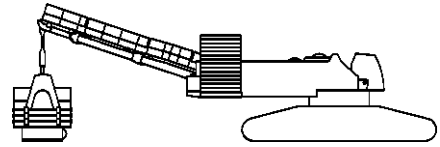


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

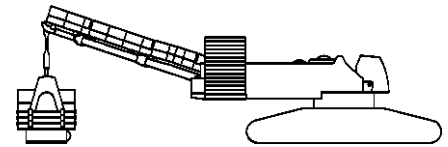
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	67,6	122,8	110 800	130 400*													36,6
38,0	65,9	122,2	105 300	128 400*													38,0
40,0	63,4	121,1	98 200	125 100*													40,0
42,0	60,9	120,0	91 900	121 300*													42,0
44,0	58,2	118,7	86 200	117 300*													44,0
46,0	55,6	117,4	80 900	113 000*													46,0
48,0	52,8	115,8	76 200	108 500*	61,1	118,6	64 300	114 200*									48,0
50,0	49,9	114,1	71 800	104 100*	58,5	117,4	60 500	108 900*									50,0
52,0	46,8	112,2	67 800	99 600*	55,9	116,0	56 900	104 100*									52,0
54,0	43,6	110,2	64 100	95 300*	53,1	114,5	53 700	99 500*									54,0
56,0	40,2	107,8	60 600	91 100*	50,2	112,8	50 600	95 300*									56,0
58,0	36,5	105,1	57 400	87 100*	47,2	111,0	47 800	91 400*	56,0	114,1	38 400	84 900*					58,0
60,0	32,4	102,0	54 300	83 600*	44,0	108,9	45 200	87 600*	53,2	112,6	36 100	81 500*					60,0
62,0	27,8	98,3	51 400	80 400*	40,6	106,6	42 700	84 200*	50,3	110,9	34 000	78 200*					62,0
64,0	22,2	93,7	48 700	77 800*	36,9	103,9	40 400	80 900*	47,3	109,0	32 000	75 100*					64,0
66,0	14,6	87,1	45 900	74 100*	32,9	100,9	38 100	77 800*	44,1	107,0	30 100	72 200*					66,0
68,0					28,4	97,3	36 000	74 900*	40,7	104,6	28 300	69 400*	50,1	108,2	20 700	64 100*	68,0
70,0					22,9	92,8	34 000	72 000*	37,1	102,0	26 600	66 800*	47,1	106,3	19 200	61 600*	70,0
72,0					15,6	86,5	31 900	69 200*	33,1	99,0	25 000	64 300*	43,9	104,3	17 800	59 300*	72,0
74,0									28,5	95,4	23 400	62 000*	40,5	101,9	16 600	57 100*	74,0
76,0									23,1	90,9	21 900	59 600*	36,8	99,3	15 300	55 000*	76,0
78,0									15,9	84,8	20 300	57 400*	32,8	96,2	14 100	53 000*	78,0
80,0													28,2	92,6	12 900	51 100*	80,0
84,0													15,3	81,7	10 500	47 400*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	65,2	127,4	93 200	112 300*													41,1
42,0	64,2	127,0	90 600	111 100*													42,0
44,0	62,0	125,9	84 900	108 300*													44,0
46,0	59,7	124,7	79 700	105 000*													46,0
48,0	57,3	123,4	75 000	101 700*													48,0
50,0	54,9	122,0	70 600	98 100*													50,0
52,0	52,4	120,4	66 600	94 500*	59,9	123,3	55 500	102 800*									52,0
54,0	49,8	118,7	62 900	90 800*	57,6	122,1	52 300	98 300*									54,0
56,0	47,1	116,9	59 500	87 200*	55,2	120,7	49 300	94 100*									56,0
58,0	44,2	114,8	56 300	83 600*	52,7	119,1	46 500	90 200*									58,0
60,0	41,2	112,5	53 300	80 100*	50,1	117,4	43 900	86 500*									60,0
62,0	38,0	110,0	50 500	76 800*	47,4	115,6	41 400	83 100*	55,2	118,7	32 500	77 000*					62,0
64,0	34,6	107,1	47 900	73 700*	44,6	113,6	39 100	79 900*	52,7	117,2	30 500	73 900*					64,0
66,0	30,8	103,8	45 400	70 900*	41,6	111,3	37 000	76 800*	50,2	115,5	28 600	71 000*					66,0
68,0	26,4	99,9	43 000	68 500*	38,4	108,8	34 900	73 900*	47,5	113,6	26 900	68 300*					68,0
70,0	21,2	95,1	40 700	66 400*	35,0	106,0	33 000	71 200*	44,7	111,6	25 200	65 700*					70,0
72,0	14,1	88,2	38 400	62 600*	31,2	102,7	31 100	68 600*	41,7	109,4	23 700	63 300*	50,0	112,8	16 300	58 100*	72,0
74,0					26,9	98,9	29 400	66 000*	38,5	106,9	22 100	60 900*	47,3	111,0	15 000	55 900*	74,0
76,0					21,9	94,2	27 600	63 600*	35,1	104,0	20 700	58 700*	44,5	108,9	13 800	53 900*	76,0
78,0					15,1	87,6	25 900	61 300*	31,3	100,8	19 400	56 600*	41,5	106,7	12 700	51 900*	78,0
80,0									27,1	97,0	18 000	54 600*	38,3	104,1	11 600	50 100*	80,0
84,0									15,4	85,9	15 400	50 700*	31,1	98,0	9 500	46 500*	84,0
88,0													21,7	89,4	7 500	43 300*	88,0

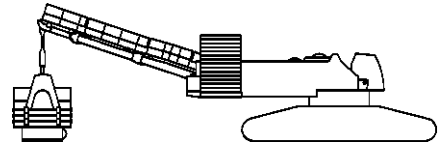


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

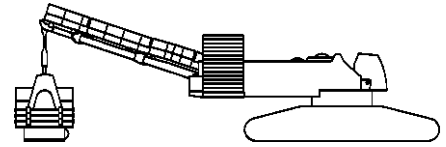
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	64,7	132,7	82 500	98 300*													44,2
46,0	62,8	131,7	77 800	96 300*													46,0
48,0	60,8	130,6	73 100	93 800*													48,0
50,0	58,7	129,4	68 800	91 200*													50,0
52,0	56,5	128,1	64 800	88 400*													52,0
54,0	54,3	126,6	61 100	85 400*	61,0	129,2	50 200	96 600*									54,0
56,0	52,1	125,0	57 700	82 400*	58,9	128,0	47 200	92 400*									56,0
58,0	49,7	123,3	54 600	79 400*	56,8	126,7	44 400	88 600*									58,0
60,0	47,3	121,5	51 600	76 400*	54,6	125,3	41 800	84 900*									60,0
62,0	44,7	119,4	48 800	73 500*	52,3	123,7	39 400	81 500*									62,0
64,0	42,0	117,2	46 300	70 600*	50,0	122,0	37 200	78 300*	56,8	124,7	28 300	72 200*					64,0
66,0	39,2	114,8	43 800	67 900*	47,5	120,2	35 000	75 300*	54,7	123,3	26 400	69 300*					66,0
68,0	36,2	112,1	41 500	65 200*	45,0	118,2	33 000	72 400*	52,4	121,7	24 700	66 600*					68,0
70,0	32,9	109,0	39 300	62 800*	42,3	116,0	31 200	69 700*	50,1	120,1	23 100	64 000*					70,0
72,0	29,3	105,6	37 200	60 600*	39,5	113,6	29 400	67 100*	47,6	118,2	21 600	61 600*					72,0
74,0	25,3	101,4	35 200	58 700*	36,5	110,9	27 700	64 700*	45,1	116,2	20 100	59 300*					74,0
76,0	20,4	96,4	33 300	57 100*	33,3	107,9	26 000	62 300*	42,4	114,1	18 700	57 200*	49,9	117,4	11 600	52 100*	76,0
78,0	13,8	89,3	31 400	52 700*	29,8	104,5	24 500	60 100*	39,6	111,7	17 400	55 100*	47,5	115,6	10 500	50 200*	78,0
80,0					25,7	100,4	23 000	57 900*	36,7	109,0	16 100	53 100*	44,9	113,6	9 400	48 400*	80,0
84,0					14,7	88,8	20 000	53 700*	29,9	102,6	13 800	49 400*	39,5	108,9	7 400	44 900*	84,0
88,0									21,2	93,7	11 500	46 000*	33,2	103,2	5 600	41 800*	88,0
92,0													25,6	95,7	3 800	38 900*	92,0
96,0													14,4	83,9	2 000	35 900*	96,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	62,9	137,2	70 000	85 000*													48,8
50,0	61,7	136,5	67 400	83 800*													50,0
52,0	59,8	135,3	63 500	81 800*													52,0
54,0	57,9	134,1	59 800	79 600*													54,0
56,0	55,9	132,7	56 400	77 300*	61,9	135,1	45 600	84 500*									56,0
58,0	53,9	131,2	53 200	74 900*	60,0	134,0	42 900	84 500*									58,0
60,0	51,8	129,6	50 300	72 500*	58,1	132,7	40 300	83 600*									60,0
62,0	49,6	127,9	47 600	70 000*	56,1	131,4	37 900	80 300*									62,0
64,0	47,4	126,1	45 000	67 500*	54,1	129,9	35 700	77 100*									64,0
66,0	45,1	124,1	42 600	65 100*	52,0	128,3	33 600	74 100*									66,0
68,0	42,7	121,9	40 300	62 700*	49,9	126,6	31 600	71 300*	56,2	129,4	23 100	65 300*					68,0
70,0	40,2	119,6	38 200	60 400*	47,7	124,8	29 800	68 600*	54,2	127,9	21 500	62 800*					70,0
72,0	37,5	117,0	36 100	58 200*	45,4	122,8	28 000	66 000*	52,1	126,4	20 000	60 400*					72,0
74,0	34,6	114,1	34 200	56 100*	43,0	120,7	26 300	63 600*	50,0	124,7	18 600	58 100*					74,0
76,0	31,5	110,9	32 300	54 200*	40,5	118,3	24 700	61 300*	47,7	122,8	17 200	56 000*					76,0
78,0	28,1	107,2	30 600	52 500*	37,8	115,8	23 200	59 100*	45,5	120,9	15 900	53 900*	52,0	123,7	8 800	48 900*	78,0
80,0	24,3	102,9	28 800	50 900*	35,0	112,9	21 700	57 000*	43,1	118,7	14 700	52 000*	49,8	122,0	7 800	47 100*	80,0
84,0	13,5	90,4	25 500	44 400*	28,5	106,2	19 000	53 000*	37,9	113,8	12 400	48 300*	45,3	118,2	5 900	43 700*	84,0
88,0					20,2	96,8	16 400	49 400*	32,0	107,8	10 200	45 000*	40,4	113,7	4 100	40 600*	88,0
92,0									24,9	100,1	8 200	41 900*	34,9	108,3	2 400	37 600*	92,0
96,0									14,5	88,1	6 300	39 000*	28,4	101,5	900	34 700*	96,0
100,0													20,1	92,1		31 900*	100,0

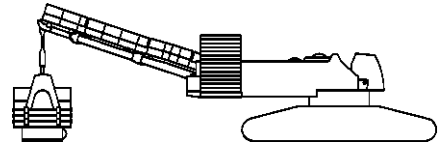


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

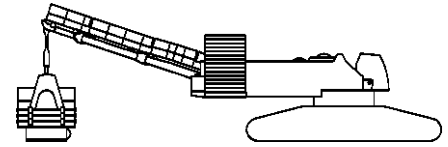
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
51,8	62,6	142,5	61 900	74 700*													51,8
52,0	62,5	142,4	61 600	74 600*													52,0
54,0	60,7	141,2	57 900	73 000*													54,0
56,0	59,0	140,0	54 500	71 300*													56,0
58,0	57,2	138,7	51 400	69 500*	62,7	141,0	40 800	73 600*									58,0
60,0	55,4	137,3	48 500	67 600*	60,9	139,9	38 200	73 600*									60,0
62,0	53,5	135,8	45 800	65 700*	59,2	138,7	35 800	73 600*									62,0
64,0	51,6	134,2	43 200	63 600*	57,4	137,4	33 600	73 600*									64,0
66,0	49,6	132,5	40 800	61 600*	55,6	136,0	31 500	72 700*									66,0
68,0	47,5	130,7	38 500	59 600*	53,7	134,5	29 600	69 700*									68,0
70,0	45,4	128,7	36 400	57 600*	51,8	132,9	27 800	67 000*									70,0
72,0	43,2	126,6	34 400	55 600*	49,8	131,2	26 000	64 400*	55,6	134,0	17 800	58 700*					72,0
74,0	40,9	124,3	32 500	53 700*	47,8	129,4	24 400	62 000*	53,8	132,5	16 400	56 400*					74,0
76,0	38,5	121,8	30 700	51 800*	45,7	127,5	22 800	59 800*	51,8	131,0	15 000	54 300*					76,0
78,0	36,0	119,1	29 000	50 100*	43,5	125,3	21 300	57 600*	49,9	129,3	13 800	52 300*					78,0
80,0	33,3	116,0	27 300	48 400*	41,2	123,1	19 900	55 500*	47,8	127,4	12 600	50 300*					80,0
84,0	27,1	108,8	24 200	45 500*	36,3	117,9	17 300	51 600*	43,6	123,4	10 300	46 700*	49,7	126,6	3 600	41 900*	84,0
88,0	19,0	98,9	21 300	42 000*	30,7	111,6	14 800	48 100*	38,9	118,7	8 300	43 500*	45,6	122,8	1 900	38 500*	88,0
92,0					23,8	103,4	12 500	44 800*	33,7	113,0	6 400	40 500*	41,1	118,4		35 400*	92,0
96,0					14,0	91,0	10 300	40 100*	27,6	105,9	4 600	37 700*	36,2	113,2		32 600*	96,0
100,0									19,7	96,3	2 900	35 000*	30,6	106,9		29 900*	100,0
104,0													23,7	98,7		27 400*	104,0
108,0													13,8	86,1		24 900*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
56,4	61,2	146,9	52 500	64 900*													56,4
58,0	59,9	145,9	50 000	63 900*													58,0
60,0	58,3	144,7	47 000	62 400*													60,0
62,0	56,6	143,4	44 300	61 000*	61,7	145,7	34 300	64 000*									62,0
64,0	54,9	141,9	41 800	59 400*	60,1	144,6	32 100	64 000*									64,0
66,0	53,2	140,4	39 400	57 800*	58,5	143,3	30 000	64 000*									66,0
68,0	51,4	138,8	37 200	56 100*	56,8	142,0	28 100	64 000*									68,0
70,0	49,5	137,1	35 100	54 400*	55,1	140,6	26 200	63 500*									70,0
72,0	47,7	135,3	33 100	52 800*	53,4	139,1	24 500	61 300*									72,0
74,0	45,7	133,4	31 200	51 000*	51,6	137,5	22 800	58 900*	56,9	140,1	14 700	55 200*					74,0
76,0	43,7	131,2	29 400	49 000*	49,7	135,8	21 300	56 600*	55,2	138,6	13 400	53 000*					76,0
78,0	41,6	129,0	27 700	46 700*	47,9	134,0	19 800	54 300*	53,4	137,1	12 200	51 000*					78,0
80,0	39,4	126,6	26 100	44 600*	45,9	132,1	18 400	52 000*	51,6	135,6	11 000	49 100*					80,0
84,0	34,7	121,1	23 000	40 500*	41,8	127,8	15 800	47 500*	47,9	132,1	8 800	45 500*					84,0
88,0	29,3	114,4	20 200	36 600*	37,4	122,7	13 500	43 300*	44,0	128,1	6 800	42 300*	49,7	131,2	200	36 800*	88,0
92,0	22,6	105,8	17 600	33 000*	32,4	116,8	11 300	39 200*	39,7	123,4	4 900	39 300*	45,9	127,4		33 700*	92,0
96,0	13,0	92,6	15 100	29 900*	26,5	109,4	9 200	35 500*	35,0	118,0	3 200	36 400*	41,8	123,1		30 900*	96,0
100,0					19,0	99,4	7 200	32 000*	29,7	111,4	1 600	33 600*	37,3	118,1		28 300*	100,0
104,0									23,2	103,0		30 900*	32,3	112,1		25 900*	104,0
108,0									13,9	90,3		28 300*	26,4	104,7		23 600*	108,0
112,0													18,8	94,6		21 400*	112,0

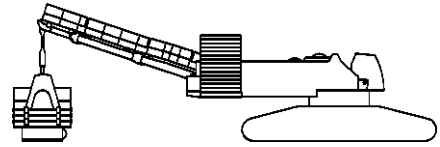


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

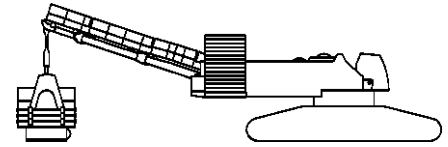
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Oper. Rad. Meters
57,9	62,3	153,0	48 200	57 900*												57,9
58,0	62,2	153,0	48 100	57 800*												58,0
60,0	60,7	151,8	45 200	56 800*												60,0
62,0	59,2	150,6	42 500	55 700*												62,0
64,0	57,7	149,4	40 000	54 500*	62,4	151,6	29 900	55 400*								64,0
66,0	56,1	148,0	37 600	53 200*	60,9	150,5	27 900	55 400*								66,0
68,0	54,5	146,6	35 400	51 100*	59,4	149,3	26 000	55 400*								68,0
70,0	52,9	145,1	33 300	48 800*	57,8	148,0	24 200	55 400*								70,0
72,0	51,2	143,4	31 200	46 600*	56,3	146,7	22 500	53 600*								72,0
74,0	49,5	141,7	29 400	44 400*	54,7	145,2	20 900	51 500*								74,0
76,0	47,8	139,9	27 600	42 200*	53,1	143,7	19 300	49 200*								76,0
78,0	45,9	138,0	25 900	40 100*	51,4	142,1	17 900	47 100*	56,3	144,7	10 000	49 300*				78,0
80,0	44,1	135,9	24 300	38 000*	49,7	140,4	16 500	45 000*	54,7	143,3	8 800	47 400*				80,0
84,0	40,1	131,3	21 300	34 000*	46,1	136,7	13 900	40 700*	51,5	140,2	6 700	43 900*				84,0
88,0	35,8	126,0	18 600	30 200*	42,4	132,4	11 600	36 500*	48,0	136,7	4 700	40 700*				88,0
92,0	31,0	119,7	16 100	26 700*	38,3	127,6	9 400	32 700*	44,4	132,7	2 900	37 400*	49,6	135,8	31 500*	92,0
96,0	25,3	112,0	13 700	23 400*	33,8	121,9	7 400	29 000*	40,4	128,2	1 200	34 400*	46,1	132,1	28 700*	96,0
100,0	18,0	101,4	11 500	20 400*	28,6	115,0	5 600	25 500*	36,2	122,9		31 100*	42,3	127,8	26 100*	100,0
104,0					22,4	106,3	3 800	22 400*	31,4	116,7		27 500*	38,2	122,9	23 700*	104,0
108,0					13,5	93,2	2 000	19 500*	25,8	109,1		24 200*	33,7	117,2	21 500*	108,0
112,0									18,6	98,8		21 200*	28,5	110,3	19 400*	112,0
116,0													22,3	101,5	17 400*	116,0
120,0													13,3	88,3	15 400*	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
211 830 kg Hanging 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

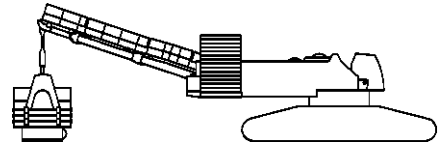
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
61,0	62,1	158,3	42 400	50 800*												61,0
62,0	61,4	157,7	41 000	50 400*												62,0
64,0	60,0	156,6	38 500	49 000*												64,0
66,0	58,6	155,3	36 100	46 900*												66,0
68,0	57,1	154,0	33 900	44 800*	61,6	156,4	24 400	47 800*								68,0
70,0	55,7	152,6	31 800	42 700*	60,2	155,2	22 600	47 800*								70,0
72,0	54,2	151,2	29 800	40 600*	58,7	154,0	20 900	47 000*								72,0
74,0	52,6	149,7	27 900	38 500*	57,3	152,7	19 300	45 000*								74,0
76,0	51,1	148,0	26 200	36 400*	55,8	151,3	17 700	42 900*								76,0
78,0	49,5	146,3	24 500	34 300*	54,3	149,9	16 300	40 900*								78,0
80,0	47,8	144,5	22 900	32 400*	52,8	148,4	14 900	38 900*	57,3	150,7	7 100	43 700*				80,0
84,0	44,4	140,5	19 900	28 500*	49,7	145,0	12 400	34 800*	54,4	147,9	5 000	40 500*				84,0
88,0	40,8	136,1	17 200	24 800*	46,3	141,3	10 100	30 900*	51,3	144,8	3 000	36 700*				88,0
92,0	36,8	130,9	14 800	21 300*	42,8	137,1	8 000	27 100*	48,1	141,3	1 300	32 800*				92,0
96,0	32,5	124,9	12 500	18 100*	39,1	132,4	6 000	23 500*	44,7	137,3		29 100*	49,6	140,4	26 900*	96,0
100,0	27,5	117,7	10 300	15 100*	34,9	126,9	4 200	20 100*	41,0	132,9		25 500*	46,3	136,7	24 400*	100,0
104,0	21,4	108,6	8 300	12 400*	30,3	120,4	2 500	17 000*	37,1	127,8		22 000*	42,8	132,5	22 100*	104,0
108,0	12,6	94,7	6 300	9 900*	24,9	112,5	900	14 100*	32,8	121,9		18 800*	39,0	127,7	19 900*	108,0
112,0					18,0	101,8		11 500*	27,9	114,8		15 800*	34,9	122,2	17 800*	112,0
116,0									21,9	105,8		13 000*	30,3	115,7	15 900*	116,0
120,0									13,5	92,6		10 400*	24,8	107,8	14 000*	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
 211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
29,0	66,2	106,0	153 000	193 000*b													29,0
30,0	63,7	105,4	146 500	191 500*b													30,0
32,0	58,8	104,2	134 900	185 400*b													32,0
34,0	53,6	102,7	124 800	177 400*													34,0
36,0	48,0	100,9	115 900	169 200*													36,0
38,0	41,7	98,6	107 900	161 100*													38,0
40,0	34,4	95,8	100 600	152 300*	55,6	101,7	86 700	143 100*b									40,0
42,0	25,1	91,8	93 900	144 100*	50,1	100,0	81 100	135 500*									42,0
44,0					44,1	97,9	76 000	128 600*									44,0
46,0					37,3	95,3	71 200	122 200*	57,1	99,9	59 500	114 400*					46,0
48,0					28,9	91,8	66 700	116 300*	51,7	98,3	55 800	108 900*					48,0
50,0					16,5	86,2	62 300	110 700*	45,9	96,3	52 400	103 900*					50,0
52,0									39,4	93,9	49 200	99 200*					52,0
54,0									31,6	90,8	46 100	94 800*					54,0
56,0									21,0	86,1	43 100	90 500*	47,0	94,0	34 400	84 600*	56,0
58,0													40,6	91,7	32 200	81 000*	58,0
60,0													33,1	88,7	30 100	77 600*	60,0
62,0													23,3	84,4	27 900	74 200*	62,0

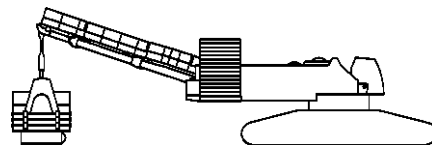
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	68,0	112,0	142 700	170 100*													30,5
32,0	65,1	111,2	134 100	169 000*													32,0
34,0	61,2	110,1	124 200	163 300*													34,0
36,0	57,1	108,8	115 300	157 000*													36,0
38,0	52,8	107,3	107 500	150 300*													38,0
40,0	48,2	105,5	100 400	143 500*													40,0
42,0	43,2	103,3	94 100	136 800*	58,6	107,7	80 100	134 600*									42,0
44,0	37,6	100,8	88 200	130 500*	54,4	106,3	75 100	127 800*									44,0
46,0	31,1	97,5	82 900	125 000*	49,9	104,6	70 500	121 500*									46,0
48,0	22,9	93,2	77 800	120 800*	45,1	102,6	66 300	115 800*									48,0
50,0					39,7	100,2	62 400	110 500*									50,0
52,0					33,7	97,2	58 800	105 500*	51,2	102,9	48 200	98 300*					52,0
54,0					26,3	93,4	55 300	100 800*	46,5	101,0	45 300	94 000*					54,0
56,0					15,4	87,3	51 900	96 300*	41,3	98,7	42 700	90 000*					56,0
58,0									35,5	96,0	40 200	86 300*	52,0	100,4	31 000	80 000*	58,0
60,0									28,6	92,4	37 700	82 700*	47,4	98,6	29 000	76 700*	60,0
62,0									19,2	87,3	35 300	79 300*	42,3	96,4	27 200	73 600*	62,0
64,0													36,6	93,7	25 400	70 600*	64,0
66,0													30,0	90,4	23 700	67 800*	66,0
68,0													21,2	85,7	22 000	65 100*	68,0

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

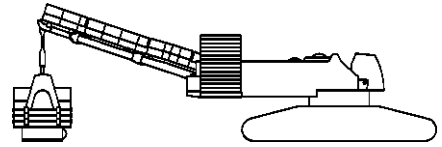


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

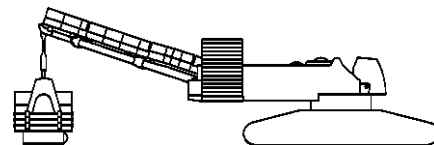
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	66,8	117,3	124 600	149 400*													33,5
34,0	66,0	117,1	122 400	148 400*													34,0
36,0	62,7	116,0	113 600	144 100*													36,0
38,0	59,4	114,8	105 800	139 100*													38,0
40,0	55,8	113,4	98 900	133 700*													40,0
42,0	52,2	111,9	92 600	128 100*													42,0
44,0	48,3	110,1	86 900	122 500*	60,6	113,7	73 000	126 100*									44,0
46,0	44,1	108,0	81 700	117 000*	57,2	112,4	68 600	119 900*									46,0
48,0	39,6	105,6	76 900	111 800*	53,6	110,9	64 400	114 200*									48,0
50,0	34,6	102,7	72 500	106 900*	49,8	109,2	60 700	108 900*									50,0
52,0	28,7	99,2	68 300	102 800*	45,7	107,2	57 200	104 100*									52,0
54,0	21,3	94,5	64 400	99 600*	41,3	104,9	53 900	99 600*	54,6	109,1	43 200	92 300*					54,0
56,0					36,5	102,3	50 800	95 300*	50,9	107,5	40 600	88 400*					56,0
58,0					31,0	99,0	48 000	91 400*	46,9	105,6	38 200	84 700*					58,0
60,0					24,3	94,8	45 200	87 600*	42,6	103,4	36 000	81 300*					60,0
62,0					14,6	88,4	42 400	83 900*	38,0	100,9	33 800	78 000*					62,0
64,0									32,7	97,8	31 800	74 900*	47,6	103,2	23 300	68 900*	64,0
66,0									26,4	94,0	29 800	71 900*	43,4	101,1	21 700	66 200*	66,0
68,0									18,0	88,5	27 800	69 000*	38,8	98,6	20 200	63 600*	68,0
70,0													33,7	95,7	18 800	61 200*	70,0
72,0													27,6	92,0	17 300	58 900*	72,0
74,0													19,8	86,9	15 900	56 600*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
36,6	65,9	122,6	110 100	130 100*													36,6
38,0	63,9	121,9	104 700	127 700*													38,0
40,0	61,0	120,7	97 800	123 800*													40,0
42,0	58,0	119,5	91 500	119 500*													42,0
44,0	54,9	118,1	85 800	115 100*													44,0
46,0	51,7	116,5	80 700	110 500*	62,1	119,6	67 200	118 700*									46,0
48,0	48,4	114,7	76 000	105 900*	59,1	118,3	63 100	113 000*									48,0
50,0	44,8	112,7	71 700	101 300*	56,1	117,0	59 400	107 900*									50,0
52,0	41,0	110,4	67 700	97 000*	53,0	115,5	55 900	103 000*									52,0
54,0	36,9	107,7	63 900	92 900*	49,7	113,8	52 700	98 600*									54,0
56,0	32,2	104,6	60 400	89 200*	46,2	111,8	49 800	94 400*	53,9	113,7	36 800	83 500*					56,0
58,0	26,8	100,8	57 100	86 000*	42,5	109,7	47 000	90 500*	50,6	112,1	34 600	80 200*					58,0
60,0	20,0	95,7	54 000	83 600*	38,5	107,1	44 400	86 800*	47,2	110,2	32 500	77 000*					60,0
62,0					34,0	104,2	41 900	83 400*	43,6	108,1	30 600	73 900*					62,0
64,0					29,0	100,7	39 600	80 100*									64,0
66,0					22,8	96,2	37 300	77 000*	39,6	105,7	28 800	71 100*	51,2	109,6	20 200	65 000*	66,0
68,0					14,0	89,5	35 000	74 000*	35,3	102,9	27 000	68 400*	47,8	107,8	18 800	62 500*	68,0
70,0									30,5	99,6	25 300	65 700*	44,2	105,8	17 400	60 100*	70,0
72,0									24,7	95,5	23 700	63 200*	40,4	103,4	16 100	57 900*	72,0
74,0									17,1	89,7	22 000	60 800*	36,2	100,7	14 900	55 700*	74,0
76,0													31,4	97,5	13 700	53 700*	76,0
78,0													25,9	93,5	12 500	51 700*	78,0
80,0													18,7	88,2	11 300	49 700*	80,0

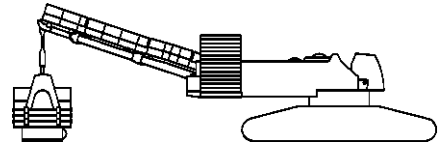


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

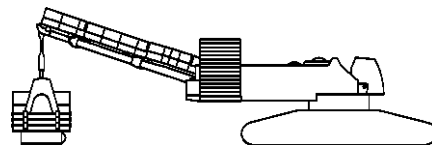
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	63,3	127,1	92 200	111 400*													41,1
42,0	62,2	126,6	89 700	110 100*													42,0
44,0	59,6	125,4	84 000	106 700*													44,0
46,0	57,0	124,1	78 900	103 200*													46,0
48,0	54,3	122,7	74 300	99 500*													48,0
50,0	51,4	121,1	70 000	95 700*	60,6	124,3	57 200	106 100*									50,0
52,0	48,5	119,3	66 000	91 900*	58,0	123,0	53 800	101 300*									52,0
54,0	45,4	117,3	62 400	88 100*	55,3	121,6	50 700	96 900*									54,0
56,0	42,1	115,1	59 000	84 500*	52,5	120,1	47 800	92 800*									56,0
58,0	38,5	112,6	55 800	81 000*	49,6	118,3	45 100	88 900*									58,0
60,0	34,7	109,7	52 800	77 900*	46,5	116,4	42 500	85 300*	56,1	119,8	32 300	78 300*					60,0
62,0	30,3	106,4	50 000	75 000*	43,3	114,3	40 100	81 900*	53,3	118,3	30 300	75 200*					62,0
64,0	25,3	102,3	47 300	72 500*	39,9	111,9	37 900	78 700*	50,4	116,7	28 400	72 300*					64,0
66,0	19,0	97,0	44 700	70 700*	36,1	109,2	35 800	75 700*	47,4	114,8	26 700	69 400*					66,0
68,0					32,0	106,1	33 800	72 900*	44,2	112,8	25 000	66 700*					68,0
70,0					27,3	102,3	31 800	70 100*	40,9	110,5	23 400	64 200*	51,0	114,2	15 100	58 400*	70,0
72,0					21,6	97,6	29 900	67 500*	37,2	107,9	21 900	61 800*	48,0	112,4	13 900	56 100*	72,0
74,0					13,6	90,6	28 000	64 900*	33,2	104,8	20 400	59 500*	44,8	110,4	12 700	54 000*	74,0
76,0									28,7	101,3	19 000	57 300*	41,5	108,2	11 600	52 000*	76,0
78,0									23,4	96,9	17 700	55 200*	37,9	105,6	10 500	50 100*	78,0
80,0									16,3	90,8	16 300	53 100*	34,0	102,7	9 500	48 300*	80,0
84,0													24,4	95,0	7 400	44 800*	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
211 830 kg Hanging 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

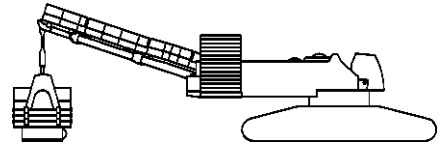
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	62,9	132,4	82 200	98 100*													44,2
46,0	60,9	131,4	77 600	95 600*													46,0
48,0	58,6	130,1	73 000	92 800*													48,0
50,0	56,2	128,8	68 700	89 800*													50,0
52,0	53,7	127,3	64 800	86 700*	61,7	130,2	52 300	100 100*									52,0
54,0	51,2	125,7	61 200	83 500*	59,4	129,0	49 200	95 600*									54,0
56,0	48,5	123,9	57 800	80 400*	57,1	127,7	46 300	91 500*									56,0
58,0	45,8	121,9	54 700	77 300*	54,6	126,2	43 600	87 700*									58,0
60,0	42,8	119,8	51 800	74 300*	52,1	124,7	41 100	84 100*									60,0
62,0	39,8	117,4	49 000	71 400*	49,5	122,9	38 800	80 800*									62,0
64,0	36,4	114,7	46 400	68 600*	46,8	121,1	36 600	77 600*	55,3	124,5	26 900	71 000*					64,0
66,0	32,8	111,6	44 000	66 200*	43,9	119,0	34 500	74 700*	52,9	122,9	25 100	68 200*					66,0
68,0	28,8	108,1	41 600	63 900*	40,9	116,7	32 600	71 900*	50,3	121,3	23 500	65 500*					68,0
70,0	24,1	103,8	39 400	61 900*	37,7	114,1	30 700	69 200*	47,6	119,4	22 000	63 000*					70,0
72,0	18,3	98,2	37 200	60 600*	34,2	111,2	28 900	66 600*	44,8	117,4	20 500	60 700*					72,0
74,0					30,4	107,9	27 200	64 200*	41,8	115,2	19 100	58 400*	50,7	118,8	11 100	52 800*	74,0
76,0					25,9	103,9	25 600	61 800*	38,7	112,7	17 800	56 300*	48,1	117,0	10 000	50 800*	76,0
78,0					20,6	98,9	24 000	59 600*	35,2	109,9	16 500	54 200*	45,3	115,1	9 000	49 000*	78,0
80,0					13,2	91,7	22 400	57 300*	31,5	106,7	15 200	52 300*	42,4	112,9	8 000	47 100*	80,0
84,0									22,3	98,3	12 900	48 600*	35,9	107,7	6 100	43 800*	84,0
88,0													28,1	100,9	4 300	40 700*	88,0
92,0													17,1	90,6	2 500	37 700*	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
 211 830 kg Hanging 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

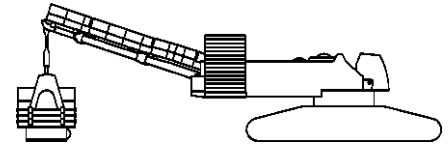
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
47,2	62,7	137,6	72 800	86 000*													47,2
48,0	61,9	137,2	71 100	85 200*													48,0
50,0	59,8	136,1	66 800	83 100*													50,0
52,0	57,7	134,8	62 900	80 700*													52,0
54,0	55,5	133,4	59 300	78 200*													54,0
56,0	53,3	131,9	56 000	75 700*	60,6	134,9	44 200	88 100*									56,0
58,0	51,0	130,2	52 900	73 100*	58,5	133,6	41 500	86 000*									58,0
60,0	48,6	128,5	50 000	70 500*	56,3	132,3	39 100	82 400*									60,0
62,0	46,1	126,6	47 300	67 900*	54,1	130,9	36 700	79 100*									62,0
64,0	43,5	124,4	44 800	65 500*	51,8	129,3	34 600	76 000*									64,0
66,0	40,7	122,1	42 400	63 000*	49,5	127,6	32 500	73 100*	56,9	130,5	22 800	66 400*					66,0
68,0	37,8	119,6	40 100	60 700*	47,0	125,7	30 600	70 300*	54,7	129,1	21 300	63 800*					68,0
70,0	34,7	116,7	38 000	58 600*	44,5	123,6	28 800	67 700*	52,5	127,6	19 800	61 300*					70,0
72,0	31,3	113,5	35 900	56 600*	41,8	121,4	27 100	65 100*	50,2	125,9	18 300	59 000*					72,0
74,0	27,5	109,7	34 000	54 800*	38,9	118,9	25 400	62 700*	47,7	124,1	16 900	56 800*					74,0
76,0	23,1	105,2	32 100	53 300*	35,9	116,2	23 900	60 500*	45,2	122,1	15 700	54 700*					76,0
78,0	17,6	99,4	30 300	52 200*	32,6	113,1	22 400	58 300*	42,6	119,9	14 400	52 700*	50,6	123,4	6 600	47 100*	78,0
80,0					29,0	109,6	21 000	56 200*	39,8	117,5	13 300	50 800*	48,2	121,6	5 700	45 400*	80,0
84,0					19,8	100,2	18 200	52 300*	33,6	111,8	11 100	47 200*	43,0	117,5	3 900	42 100*	84,0
88,0									26,1	104,5	9 000	43 900*	37,3	112,6	2 200	38 800*	88,0
92,0									15,2	93,1	6 900	40 800*	30,7	106,3	700	35 700*	92,0
96,0													22,3	97,8		32 800*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
51,8	61,0	142,1	61 900	74 700*													51,8
52,0	60,8	142,0	61 500	74 500*													52,0
54,0	58,9	140,7	57 900	72 700*													54,0
56,0	57,0	139,4	54 600	70 700*													56,0
58,0	55,0	138,0	51 500	68 600*	61,5	140,8	39 900	77 500*									58,0
60,0	52,9	136,5	48 600	66 500*	59,6	139,6	37 500	77 500*									60,0
62,0	50,8	134,9	46 000	64 300*	57,7	138,3	35 200	77 200*									62,0
64,0	48,6	133,1	43 500	62 200*	55,7	136,9	33 000	74 800*									64,0
66,0	46,3	131,2	41 100	60 000*	53,7	135,5	31 000	71 900*									66,0
68,0	44,0	129,1	38 900	58 000*	51,6	133,9	29 100	69 100*									68,0
70,0	41,5	126,8	36 800	55 900*	49,4	132,1	27 300	66 500*	56,3	135,2	18 100	60 000*					70,0
72,0	38,9	124,4	34 700	54 000*	47,2	130,3	25 600	64 000*	54,3	133,7	16 700	57 700*					72,0
74,0	36,2	121,7	32 900	52 100*	44,9	128,3	24 000	61 600*	52,2	132,1	15 400	55 500*					74,0
76,0	33,2	118,6	31 100	50 400*	42,5	126,1	22 500	59 400*	50,0	130,5	14 100	53 400*					76,0
78,0	30,0	115,2	29 300	48 800*	39,9	123,7	21 100	57 200*	47,8	128,6	12 900	51 400*					78,0
80,0	26,4	111,3	27 700	47 400*	37,2	121,1	19 700	55 200*	45,5	126,7	11 700	49 600*					80,0
84,0	17,0	100,6	24 500	45 300*	31,2	114,9	17 100	51 400*	40,7	122,2	9 600	46 100*	48,2	126,2	2 300	40 300*	84,0
88,0					23,8	106,8	14 700	47 800*	35,2	116,9	7 600	42 800*	43,6	122,2	700	37 100*	88,0
92,0					12,7	93,8	12 200	44 200*	28,8	110,2	5 800	39 900*	38,5	117,4		34 200*	92,0
96,0									20,6	101,0	4 000	37 100*	32,7	111,6		31 400*	96,0
100,0													25,7	104,1		28 800*	100,0
104,0													16,0	92,9		26 200*	104,0

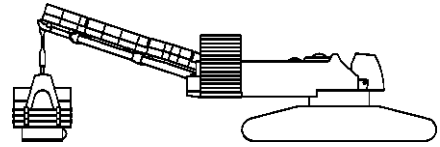


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

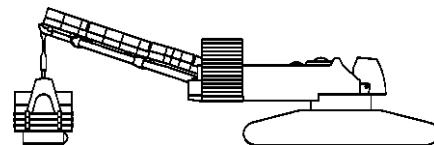
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Oper. Rad. Meters
54,9	60,9	147,3	54 600	65 900*												54,9
56,0	59,9	146,7	52 700	65 000*												56,0
58,0	58,1	145,4	49 700	63 500*												58,0
60,0	56,3	144,1	46 800	61 800*	62,3	146,6	35 300	67 400*								60,0
62,0	54,5	142,6	44 100	60 100*	60,6	145,5	33 000	67 400*								62,0
64,0	52,6	141,1	41 600	58 300*	58,8	144,3	30 900	67 400*								64,0
66,0	50,6	139,4	39 300	56 500*	57,0	143,0	28 900	67 400*								66,0
68,0	48,6	137,7	37 100	54 800*	55,2	141,6	27 100	66 900*								68,0
70,0	46,6	135,8	35 000	53 000*	53,3	140,1	25 300	64 900*								70,0
72,0	44,4	133,7	33 000	51 200*	51,4	138,5	23 600	62 400*	57,5	141,2	14 400	56 000*				72,0
74,0	42,2	131,5	31 200	49 500*	49,4	136,7	22 000	60 100*	55,7	139,8	13 100	53 800*				74,0
76,0	39,8	129,1	29 400	47 900*	47,3	134,9	20 600	57 800*	53,8	138,3	11 900	51 700*				76,0
78,0	37,4	126,5	27 700	46 300*	45,2	132,9	19 100	55 700*	51,9	136,8	10 700	49 800*				78,0
80,0	34,7	123,7	26 100	44 800*	43,0	130,8	17 800	53 700*	50,0	135,1	9 600	47 900*				80,0
84,0	28,8	116,9	23 100	42 200*	38,3	125,9	15 200	49 900*	45,8	131,3	7 500	44 400*	52,3	134,3	38 000*	84,0
88,0	21,5	108,0	20 300	40 100*	33,0	120,1	12 900	46 400*	41,4	126,9	5 600	41 300*	48,3	130,8	34 800*	88,0
92,0					26,7	112,8	10 700	43 200*	36,5	121,8	3 800	38 200*	44,1	126,8	31 900*	92,0
96,0					18,5	102,7	8 700	40 300*	30,9	115,5	2 100	35 200*	39,4	122,2	29 200*	96,0
100,0									24,1	107,5	600	32 400*	34,3	116,6	26 700*	100,0
104,0									14,5	95,3		29 700*	28,3	109,8	24 300*	104,0
108,0													20,7	100,5	22 100*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
57,9	60,8	152,6	48 300	58 300*												57,9
58,0	60,8	152,6	48 200	58 200*												58,0
60,0	59,2	151,4	45 300	57 000*												60,0
62,0	57,5	150,1	42 700	55 600*												62,0
64,0	55,8	148,7	40 200	54 300*	61,4	151,4	29 300	59 000*								64,0
66,0	54,1	147,3	37 800	52 900*	59,8	150,2	27 300	59 000*								66,0
68,0	52,3	145,7	35 700	51 400*	58,1	149,0	25 500	59 000*								68,0
70,0	50,5	144,1	33 600	49 900*	56,4	147,6	23 700	59 000*								70,0
72,0	48,7	142,3	31 600	48 400*	54,7	146,2	22 100	59 000*								72,0
74,0	46,7	140,4	29 800	46 900*	53,0	144,7	20 500	58 500*								74,0
76,0	44,8	138,4	28 000	45 500*	51,2	143,1	19 000	56 600*								76,0
78,0	42,7	136,2	26 400	44 100*	49,4	141,4	17 600	54 500*	55,2	144,4	9 000	48 400*				78,0
80,0	40,6	133,9	24 800	42 700*	47,5	139,5	16 300	52 500*	53,5	142,9	7 900	46 600*				80,0
84,0	36,0	128,6	21 800	40 100*	43,5	135,4	13 800	48 700*	49,9	139,7	5 800	43 200*				84,0
88,0	30,8	122,3	19 100	37 400*	39,2	130,7	11 500	44 600*	46,1	135,9	4 000	39 800*				88,0
92,0	24,6	114,3	16 600	33 800*	34,4	125,2	9 400	40 500*	42,0	131,6	2 300	36 600*	48,4	135,4	30 100*	92,0
96,0	16,1	102,9	14 200	30 600*	29,0	118,4	7 400	36 700*	37,5	126,7	700	33 700*	44,4	131,5	27 500*	96,0
100,0					22,3	109,7	5 600	33 200*	32,6	120,7		30 900*	40,2	126,9	25 000*	100,0
104,0					12,3	96,0	3 700	30 100*	26,8	113,4		28 300*	35,6	121,6	22 700*	104,0
108,0									19,3	103,5		25 900*	30,3	115,2	20 600*	108,0
112,0													24,0	107,1	18 500*	112,0
116,0													15,3	95,2	16 500*	116,0

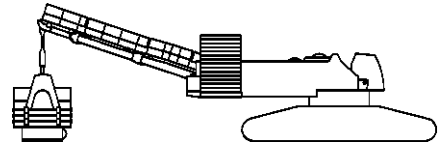


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

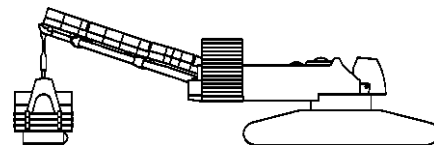
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Oper. Rad. Meters
61,0	60,8	157,9	42 100	51 300*												61,0
62,0	60,0	157,3	40 800	50 700*												62,0
64,0	58,5	156,1	38 300	49 700*												64,0
66,0	56,9	154,7	36 000	48 600*	62,1	157,3	25 200	51 300*								66,0
68,0	55,4	153,4	33 800	47 500*	60,6	156,1	23 300	51 300*								68,0
70,0	53,7	151,9	31 700	46 300*	59,1	154,9	21 600	51 300*								70,0
72,0	52,1	150,3	29 800	45 100*	57,5	153,6	20 000	51 300*								72,0
74,0	50,4	148,6	27 900	43 800*	55,9	152,3	18 400	51 300*								74,0
76,0	48,7	146,9	26 200	42 600*	54,3	150,8	17 000	50 000*								76,0
78,0	46,9	145,0	24 600	40 600*	52,7	149,3	15 600	48 000*								78,0
80,0	45,1	143,0	23 000	38 700*	51,0	147,7	14 300	45 900*	56,4	150,5	5 700	44 800*				80,0
84,0	41,2	138,6	20 100	34 700*	47,6	144,1	11 800	41 900*	53,2	147,6	3 700	41 000*				84,0
88,0	37,0	133,5	17 400	31 000*	43,9	140,1	9 500	37 800*	49,8	144,3	1 800	37 600*				88,0
92,0	32,4	127,5	15 000	27 500*	39,9	135,5	7 500	33 900*	46,3	140,6		34 500*	51,8	143,5	27 800*	92,0
96,0	27,0	120,2	12 700	24 200*	35,6	130,1	5 600	30 300*	42,5	136,3		31 500*	48,4	140,1	25 200*	96,0
100,0	20,2	110,6	10 500	21 100*	30,7	123,8	3 800	26 800*	38,4	131,5		28 900*	44,8	136,1	22 800*	100,0
104,0					25,0	115,9	2 200	23 500*	34,0	125,8		26 400*	40,9	131,7	20 500*	104,0
108,0					17,6	105,1	500	20 600*	28,8	119,0		24 000*	36,7	126,5	18 400*	108,0
112,0									22,6	110,4		21 800*	31,9	120,4	16 500*	112,0
116,0									13,9	97,6		19 600*	26,5	113,0	14 600*	116,0
120,0													19,6	103,1	12 800*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
64,0	60,7	163,2	36 800	44 800*												64,0
66,0	59,3	162,0	34 500	43 100*												66,0
68,0	57,9	160,7	32 300	41 200*												68,0
70,0	56,4	159,4	30 300	39 300*	61,3	162,0	20 000	43 500*								70,0
72,0	55,0	158,0	28 300	37 500*	59,9	160,8	18 300	43 300*								72,0
74,0	53,4	156,5	26 500	35 600*	58,4	159,6	16 800	41 800*								74,0
76,0	51,9	154,9	24 800	33 700*	57,0	158,3	15 400	40 000*								76,0
78,0	50,3	153,2	23 100	32 000*	55,5	156,9	14 000	38 200*								78,0
80,0	48,7	151,5	21 600	30 200*	54,0	155,4	12 700	36 300*								80,0
84,0	45,3	147,6	18 700	26 700*	50,9	152,3	10 200	32 800*	55,9	155,1	2 000	38 100*				84,0
88,0	41,8	143,3	16 000	23 400*	47,7	148,7	8 000	29 300*	52,9	152,2	200	34 800*				88,0
92,0	37,9	138,4	13 600	20 300*	44,2	144,7	6 000	25 900*	49,8	148,9		31 400*				92,0
96,0	33,7	132,6	11 400	17 400*	40,6	140,2	4 100	22 700*	46,5	145,2		28 100*	51,6	148,1	23 400*	96,0
100,0	28,9	125,8	9 300	14 600*	36,6	135,0	2 400	19 600*	43,0	141,0		24 800*	48,4	144,6	21 000*	100,0
104,0	23,1	117,3	7 300	12 100*	32,2	129,0	800	16 700*	39,2	136,3		21 700*	45,1	140,8	18 800*	104,0
108,0	15,5	105,2	5 400	9 700*	27,2	121,7		14 000*	35,1	130,8		18 700*	41,5	136,4	16 700*	108,0
112,0					21,0	112,4		11 500*	30,5	124,4		15 800*	37,6	131,4	14 800*	112,0
116,0					12,0	98,1		9 200*	25,2	116,5		13 200*	33,3	125,6	13 000*	116,0
120,0									18,4	106,0		10 800*	28,4	118,6	11 300*	120,0
124,0													22,6	109,9	9 600*	124,0
128,0													14,7	97,4	8 000*	128,0

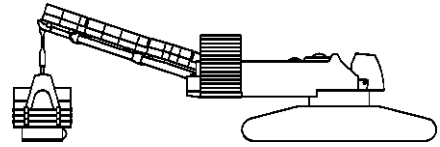


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
30,5	65,1	111,7	140 900	166 500* b													30,5
32,0	61,5	110,9	132 500	165 100* b													32,0
34,0	56,4	109,5	122 600	159 800* b													34,0
36,0	51,0	107,9	113 800	153 000*													36,0
38,0	45,1	105,9	105 900	146 200*													38,0
40,0	38,4	103,4	98 800	139 900*	59,6	108,7	83 300	140 100* b									40,0
42,0	30,4	100,1	92 300	134 400*	54,5	107,2	77 900	132 700*									42,0
44,0	19,1	95,1	86 200	130 700*	48,9	105,4	72 900	125 900*									44,0
46,0					42,8	103,3	68 400	119 700*									46,0
48,0					35,7	100,6	64 100	113 900*									48,0
50,0					26,8	96,8	60 100	108 600*	52,0	104,1	48 600	100 800*					50,0
52,0									46,2	102,2	45 600	96 200*					52,0
54,0									39,7	99,8	42 800	92 000*					54,0
56,0									31,9	96,7	40 100	88 000*					56,0
58,0													48,7	100,1	28 000	77 700*	58,0
60,0													42,5	97,9	26 100	74 400*	60,0
62,0													35,4	95,2	24 300	71 300*	62,0
64,0													26,5	91,4	22 500	68 300*	64,0

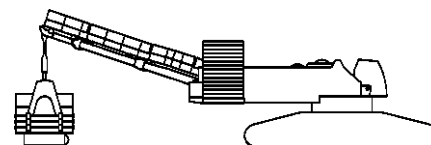
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
33,5	64,2	117,0	124 000	147 600*													33,5
34,0	63,3	116,7	121 800	146 500*													34,0
36,0	59,3	115,5	113 100	141 500*													36,0
38,0	55,1	114,1	105 400	136 000*													38,0
40,0	50,6	112,5	98 400	130 300*													40,0
42,0	45,9	110,5	92 200	124 700*													42,0
44,0	40,6	108,2	86 500	119 300*	57,7	113,3	71 900	125 000*									44,0
46,0	34,7	105,3	81 200	114 300*	53,5	111,8	67 500	118 900*									46,0
48,0	27,6	101,7	76 300	110 100*	48,9	110,1	63 400	113 200*									48,0
50,0	17,6	96,2	71 600	107 500*	44,0	108,0	59 700	108 000*									50,0
52,0					38,5	105,5	56 200	103 200*	55,8	110,3	44 400	95 200*					52,0
54,0					32,2	102,4	52 900	98 700*	51,4	108,7	41 700	91 100*					54,0
56,0					24,4	98,3	49 800	94 400*	46,7	106,8	39 200	87 200*					56,0
58,0									41,6	104,6	36 900	83 500*					58,0
60,0									35,8	101,8	34 600	80 100*					60,0
62,0									28,9	98,3	32 400	76 900*	48,8	104,7	23 200	70 400*	62,0
64,0									19,7	93,3	30 300	73 700*	43,8	102,6	21 600	67 500*	64,0
66,0													38,4	100,1	20 100	64 900*	66,0
68,0													32,0	97,0	18 600	62 300*	68,0
70,0													24,1	92,8	17 100	59 900*	70,0

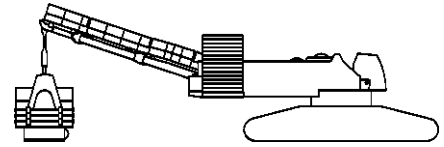
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 211 830 kg Hanging 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

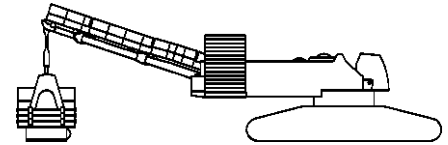
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	61,0	121,4	103 200	125 100*													38,1
40,0	57,7	120,2	96 800	120 900*													40,0
42,0	54,1	118,7	90 600	116 300*													42,0
44,0	50,4	117,1	85 000	111 600*													44,0
46,0	46,4	115,1	79 900	106 900*	59,9	119,3	65 400	117 100*									46,0
48,0	42,1	112,9	75 200	102 400*	56,4	117,9	61 400	111 600*									48,0
50,0	37,3	110,3	70 900	98 100*	52,8	116,4	57 700	106 400*									50,0
52,0	31,9	107,2	66 800	94 300*	48,9	114,7	54 400	101 700*									52,0
54,0	25,5	103,2	63 000	91 100*	44,8	112,6	51 200	97 200*									54,0
56,0	16,6	97,3	59 300	89 300*	40,4	110,3	48 300	93 100*	54,8	114,9	37 000	85 400*					56,0
58,0					35,4	107,5	45 600	89 200*	51,0	113,3	34 700	81 900*					58,0
60,0					29,7	104,1	42 900	85 600*	47,1	111,4	32 600	78 500*					60,0
62,0					22,6	99,6	40 400	82 100*	42,8	109,3	30 600	75 400*					62,0
64,0					11,3	92,1	37 800	78 700*	38,2	106,7	28 800	72 400*	52,6	111,1	19 200	65 700*	64,0
66,0									32,9	103,7	26 900	69 600*	48,8	109,3	17 800	63 100*	66,0
68,0									26,7	99,9	25 200	66 800*	44,7	107,3	16 500	60 700*	68,0
70,0									18,4	94,5	23 400	64 100*	40,2	104,9	15 200	58 400*	70,0
72,0													35,3	102,1	13 900	56 100*	72,0
74,0													29,5	98,7	12 700	54 000*	74,0
76,0													22,4	94,2	11 500	51 900*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	60,9	126,7	92 000	109 700*													41,1
42,0	59,6	126,2	89 500	108 100*													42,0
44,0	56,6	124,8	83 900	104 400*													44,0
46,0	53,5	123,3	78 800	100 600*													46,0
48,0	50,2	121,7	74 200	96 600*	61,5	125,2	60 000	110 400*									48,0
50,0	46,7	119,8	69 900	92 700*	58,5	124,0	56 400	105 300*									50,0
52,0	43,1	117,6	66 100	88 900*	55,4	122,6	53 000	100 500*									52,0
54,0	39,1	115,2	62 400	85 300*	52,3	121,0	50 000	96 200*									54,0
56,0	34,8	112,3	59 000	81 900*	48,9	119,3	47 200	92 100*									56,0
58,0	29,8	108,9	55 800	79 000*	45,4	117,3	44 500	88 300*	57,1	121,0	33 200	80 600*					58,0
60,0	23,9	104,6	52 700	76 600*	41,6	115,0	42 000	84 700*	54,0	119,5	31 100	77 300*					60,0
62,0	15,8	98,5	49 700	75 300*	37,6	112,4	39 600	81 400*	50,8	117,9	29 200	74 200*					62,0
64,0					33,0	109,4	37 400	78 200*	47,3	116,0	27 400	71 300*					64,0
66,0					27,8	105,7	35 200	75 200*	43,7	113,9	25 700	68 500*					66,0
68,0					21,3	101,0	33 200	72 300*	39,8	111,6	24 100	65 900*					68,0
70,0					11,2	93,2	31 000	69 400*	35,5	108,8	22 500	63 400*	48,8	113,9	13 700	57 200*	70,0
72,0									30,7	105,5	21 000	61 000*	45,3	111,9	12 500	55 000*	72,0
74,0									25,0	101,4	19 600	58 700*	41,5	109,7	11 400	53 000*	74,0
76,0									17,5	95,7	18 100	56 500*	37,4	107,1	10 300	51 000*	76,0
78,0													32,9	104,0	9 300	49 100*	78,0
80,0													27,6	100,3	8 200	47 300*	80,0

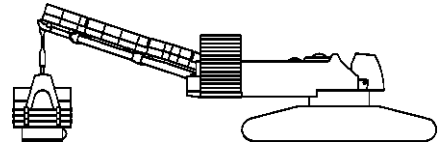


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

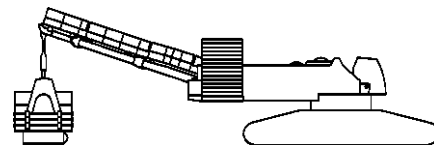
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
44,2	60,8	132,0	81 500	96 200*													44,2
46,0	58,4	130,8	77 000	93 500*													46,0
48,0	55,7	129,5	72 400	90 400*													48,0
50,0	52,9	127,9	68 200	87 100*													50,0
52,0	50,0	126,2	64 300	83 800*	60,1	129,9	50 900	98 800*									52,0
54,0	47,0	124,4	60 700	80 600*	57,4	128,6	47 800	94 400*									54,0
56,0	43,8	122,3	57 400	77 400*	54,7	127,2	45 100	90 400*									56,0
58,0	40,4	119,9	54 300	74 400*	51,9	125,6	42 400	86 700*									58,0
60,0	36,7	117,3	51 400	71 500*	48,9	123,9	40 000	83 100*									60,0
62,0	32,7	114,2	48 600	68 900*	45,9	121,9	37 700	79 800*	56,2	125,6	26 900	72 400*					62,0
64,0	28,1	110,6	46 000	66 600*	42,6	119,7	35 600	76 700*	53,4	124,1	25 100	69 500*					64,0
66,0	22,6	106,0	43 500	64 800*	39,1	117,3	33 500	73 800*	50,6	122,5	23 500	66 800*					66,0
68,0	15,1	99,6	41 100	63 900*	35,3	114,5	31 600	70 900*	47,6	120,6	21 900	64 200*					68,0
70,0					31,1	111,2	29 800	68 300*	44,4	118,6	20 400	61 800*					70,0
72,0					26,2	107,3	28 000	65 800*	41,0	116,3	19 000	59 400*	51,8	120,2	10 100	53 200*	72,0
74,0					20,2	102,2	26 200	63 300*	37,4	113,7	17 700	57 200*	48,8	118,5	9 100	51 200*	74,0
76,0					11,0	94,2	24 400	60 800*	33,4	110,7	16 400	55 100*	45,8	116,5	8 000	49 300*	76,0
78,0									28,9	107,2	15 100	53 100*	42,5	114,4	7 100	47 400*	78,0
80,0									23,6	102,8	13 900	51 200*	39,0	111,9	6 100	45 700*	80,0
84,0													30,9	105,8	4 400	42 400*	84,0
88,0													20,0	96,7	2 600	39 100*	88,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	58,9	136,3	69 400	83 000*													48,8
50,0	57,4	135,5	66 900	81 400*													50,0
52,0	55,0	134,1	63 100	78 800*													52,0
54,0	52,5	132,5	59 500	76 100*	61,3	135,8	46 300	89 600*									54,0
56,0	49,9	130,8	56 200	73 400*	58,9	134,6	43 500	88 700*									56,0
58,0	47,2	129,0	53 100	70 700*	56,6	133,3	40 900	85 400*									58,0
60,0	44,4	126,9	50 200	68 100*	54,1	131,8	38 500	81 900*									60,0
62,0	41,4	124,7	47 600	65 500*	51,6	130,2	36 300	78 600*									62,0
64,0	38,2	122,2	45 000	63 100*	48,9	128,5	34 200	75 500*	57,8	131,6	23 500	68 200*					64,0
66,0	34,8	119,3	42 600	60 800*	46,2	126,5	32 200	72 600*	55,4	130,3	21 800	65 600*					66,0
68,0	31,0	116,0	40 400	58 800*	43,3	124,4	30 300	69 900*	53,0	128,7	20 300	63 000*					68,0
70,0	26,7	112,2	38 200	57 000*	40,3	122,1	28 500	67 300*	50,4	127,1	18 900	60 500*					70,0
72,0	21,6	107,4	36 100	55 600*	37,0	119,4	26 900	64 800*	47,7	125,2	17 500	58 300*					72,0
74,0	14,7	100,7	34 000	54 900*	33,4	116,4	25 200	62 400*	44,9	123,2	16 200	56 100*					74,0
76,0					29,5	113,0	23 700	60 100*	41,9	121,0	15 000	54 000*					76,0
78,0					24,9	108,8	22 100	58 000*	38,8	118,5	13 800	52 100*	48,9	123,1	5 400	46 200*	78,0
80,0					19,3	103,5	20 700	55 900*	35,4	115,7	12 600	50 200*	46,1	121,2	4 600	44 400*	80,0
84,0									27,5	108,8	10 500	46 700*	40,2	116,7	2 900	40 900*	84,0
88,0									16,1	98,0	8 300	43 300*	33,3	111,0	1 300	37 700*	88,0
92,0													24,8	103,4		34 700*	92,0
96,0													10,5	89,6		31 700*	96,0

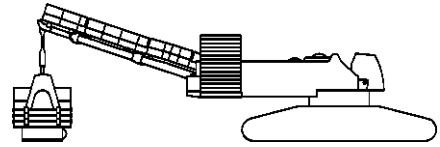


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

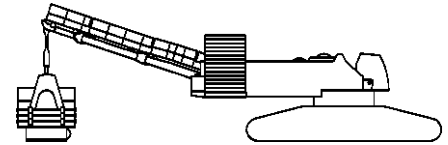
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
51,8	59,0	141,6	61 500	73 300*													51,8
52,0	58,8	141,5	61 100	73 100*													52,0
54,0	56,7	140,1	57 600	71 000*													54,0
56,0	54,5	138,7	54 300	68 800*													56,0
58,0	52,2	137,1	51 300	66 500*	60,1	140,5	38 800	79 100*									58,0
60,0	49,8	135,4	48 400	64 300*	58,0	139,3	36 400	78 900*									60,0
62,0	47,4	133,6	45 800	62 000*	55,9	137,9	34 200	77 100*									62,0
64,0	44,9	131,6	43 300	59 800*	53,6	136,4	32 100	73 900*									64,0
66,0	42,2	129,4	41 000	57 700*	51,3	134,8	30 100	71 000*									66,0
68,0	39,4	126,9	38 800	55 600*	49,0	133,1	28 300	68 300*									68,0
70,0	36,4	124,3	36 700	53 700*	46,5	131,1	26 500	65 700*	54,8	134,9	16 600	58 800*					70,0
72,0	33,1	121,2	34 700	51 800*	43,9	129,1	24 900	63 300*	52,6	133,4	15 300	56 500*					72,0
74,0	29,6	117,8	32 800	50 200*	41,2	126,8	23 300	60 900*	50,3	131,7	14 000	54 300*					74,0
76,0	25,5	113,7	31 000	48 800*	38,3	124,3	21 800	58 700*	47,8	129,9	12 800	52 300*					76,0
78,0	20,7	108,7	29 200	47 800*	35,2	121,5	20 400	56 600*	45,3	127,9	11 600	50 400*					78,0
80,0	14,3	101,8	27 400	47 300*	31,9	118,3	19 000	54 500*	42,7	125,7	10 500	48 500*	51,3	129,4	2 200	42 000*	80,0
84,0					23,8	110,3	16 400	50 700*	36,9	120,7	8 500	45 100*	46,4	125,8	600	38 600*	84,0
88,0					10,9	96,4	13 800	47 100*	30,2	114,3	6 600	41 900*	41,1	121,4		35 500*	88,0
92,0									21,6	105,6	4 700	39 000*	35,1	116,1		32 600*	92,0
96,0													28,0	109,2		29 900*	96,0
100,0													18,4	99,2		27 300*	100,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
54,9	59,1	146,9	54 700	65 000*												54,9
56,0	58,0	146,1	52 900	64 100*												56,0
58,0	56,0	144,8	49 900	62 200*												58,0
60,0	54,0	143,3	47 100	60 400*	61,1	146,4	34 800	69 900*								60,0
62,0	51,9	141,7	44 400	58 500*	59,2	145,2	32 600	69 900*								62,0
64,0	49,8	140,0	42 000	56 600*	57,3	143,9	30 500	69 900*								64,0
66,0	47,5	138,2	39 600	54 700*	55,3	142,5	28 600	69 100*								66,0
68,0	45,2	136,2	37 500	52 800*	53,2	141,0	26 800	67 200*								68,0
70,0	42,8	134,1	35 400	51 000*	51,1	139,4	25 000	64 500*								70,0
72,0	40,3	131,7	33 500	49 300*	49,0	137,7	23 400	62 100*	56,4	140,9	13 600	55 200*				72,0
74,0	37,7	129,1	31 600	47 600*	46,7	135,8	21 900	59 800*	54,3	139,5	12 300	53 100*				74,0
76,0	34,8	126,3	29 800	46 100*	44,4	133,7	20 400	57 600*	52,3	137,9	11 100	51 000*				76,0
78,0	31,7	123,1	28 200	44 700*	41,9	131,5	19 000	55 500*	50,1	136,3	10 000	49 100*				78,0
80,0	28,3	119,4	26 600	43 300*	39,4	129,1	17 700	53 500*	47,9	134,5	8 900	47 300*				80,0
84,0	19,9	110,0	23 400	41 400*	33,7	123,4	15 200	49 700*	43,3	130,4	7 000	43 900*	51,1	134,1	36 800*	84,0
88,0					27,0	116,2	12 900	46 300*	38,1	125,5	5 100	40 800*	46,6	130,4	33 800*	88,0
92,0					18,0	106,0	10 700	43 100*	32,3	119,6	3 400	37 700*	41,8	126,1	30 900*	92,0
96,0									25,2	111,9	1 800	34 700*	36,5	121,0	28 300*	96,0
100,0									15,1	100,3		31 800*	30,4	114,7	25 900*	100,0
104,0													22,8	106,2	23 500*	104,0
108,0													10,5	91,7	21 200*	108,0

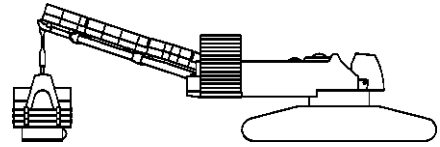


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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

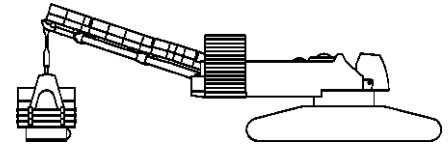
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
57,9	59,2	152,1	48 100	57 500*												57,9	
58,0	59,1	152,1	48 000	57 400*												58,0	
60,0	57,3	150,8	45 200	56 000*												60,0	
62,0	55,5	149,4	42 500	54 400*	61,9	152,3	30 400	61 200*								62,0	
64,0	53,6	147,9	40 100	52 900*	60,2	151,1	28 300	61 200*								64,0	
66,0	51,7	146,3	37 800	51 300*	58,4	149,9	26 400	61 200*								66,0	
68,0	49,7	144,6	35 600	49 700*	56,6	148,6	24 600	61 200*								68,0	
70,0	47,7	142,8	33 600	48 200*	54,8	147,2	22 900	60 800*								70,0	
72,0	45,6	140,9	31 700	46 600*	52,9	145,6	21 300	59 600*								72,0	
74,0	43,4	138,7	29 900	45 100*	51,0	144,0	19 800	58 200*								74,0	
76,0	41,1	136,4	28 100	43 600*	49,0	142,3	18 400	56 000*	55,8	145,6	8 900	49 300*				76,0	
78,0	38,7	133,9	26 500	42 200*	46,9	140,4	17 000	53 900*	53,9	144,1	7 700	47 400*				78,0	
80,0	36,1	131,2	24 900	40 800*	44,8	138,4	15 700	51 900*	52,0	142,6	6 700	45 600*				80,0	
84,0	30,5	124,9	22 000	38 500*	40,2	133,8	13 300	48 200*	48,0	139,1	4 800	42 100*				84,0	
88,0	23,6	116,7	19 200	36 600*	35,2	128,4	11 100	44 900*	43,8	135,0	3 000	38 700*	50,9	138,6	31 300*	88,0	
92,0	13,6	104,0	16 600	35 400*	29,3	121,8	9 000	41 800*	39,1	130,3	1 400	35 500*	46,8	135,0	28 600*	92,0	
96,0					22,1	113,1	7 000	38 900*	33,9	124,7		32 700*	42,5	130,8	26 000*	96,0	
100,0					10,7	98,5	5 000	36 100*	27,9	117,7		30 000*	37,7	125,9	23 600*	100,0	
104,0									20,1	108,2		27 400*	32,3	119,9	21 400*	104,0	
108,0													25,9	112,4	19 300*	108,0	
112,0													17,3	101,7	17 300*	112,0	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
61,0	59,2	157,4	42 400	51 000*												61,0	
62,0	58,4	156,8	41 100	50 300*												62,0	
64,0	56,7	155,4	38 700	49 100*	62,6	158,1	26 700	53 700*								64,0	
66,0	55,0	154,0	36 300	47 800*	61,0	157,0	24 800	53 700*								66,0	
68,0	53,3	152,5	34 200	46 500*	59,4	155,9	23 000	53 700*								68,0	
70,0	51,5	150,9	32 200	45 200*	57,8	154,6	21 300	53 700*								70,0	
72,0	49,7	149,2	30 300	43 800*	56,1	153,2	19 800	53 700*								72,0	
74,0	47,8	147,4	28 400	42 500*	54,4	151,8	18 200	53 600*								74,0	
76,0	45,8	145,5	26 700	41 200*	52,6	150,2	16 800	52 700*								76,0	
78,0	43,8	143,4	25 100	39 900*	50,8	148,6	15 500	51 700*	57,0	151,6	6 100	45 900*				78,0	
80,0	41,7	141,1	23 600	38 700*	49,0	146,9	14 200	50 500*	55,3	150,2	5 000	44 000*				80,0	
84,0	37,2	136,1	20 600	36 400*	45,1	143,0	11 800	47 100*	51,8	147,2	3 100	40 300*				84,0	
88,0	32,2	130,1	18 000	34 300*	40,9	138,6	9 600	43 800*	48,1	143,7	1 400	37 000*				88,0	
92,0	26,3	122,7	15 500	32 500*	36,4	133,4	7 600	40 700*	44,2	139,7		33 900*	50,8	143,2	26 800*	92,0	
96,0	18,8	112,5	13 200	31 200*	31,2	127,2	5 800	37 900*	39,9	135,1		31 100*	47,0	139,6	24 300*	96,0	
100,0					25,1	119,3	4 000	34 400*	35,2	129,7		28 500*	43,0	135,5	22 000*	100,0	
104,0					17,0	108,4	2 200	31 100*	29,9	123,2		26 000*	38,6	130,7	19 800*	104,0	
108,0									23,5	114,9		23 700*	33,8	125,0	17 700*	108,0	
112,0									14,5	102,5		21 400*	28,2	118,1	15 800*	112,0	
116,0													21,3	109,0	14 000*	116,0	
120,0													10,4	93,9	12 100*	120,0	

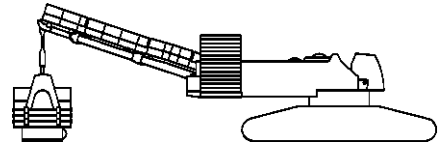


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

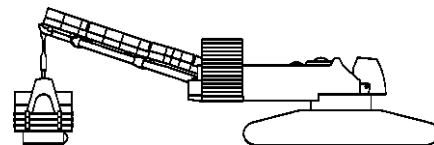
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
62,5	60,4	163,6	38 500	45 500*													62,5
64,0	59,3	162,7	36 700	44 900*													64,0
66,0	57,8	161,4	34 400	43 800*													66,0
68,0	56,2	160,1	32 300	42 800*	61,7	162,9	20 800	46 900*									68,0
70,0	54,6	158,7	30 300	41 800*	60,2	161,8	19 200	46 900*									70,0
72,0	53,0	157,1	28 400	40 700*	58,7	160,5	17 600	46 900*									72,0
74,0	51,3	155,5	26 600	39 600*	57,2	159,2	16 100	46 900*									74,0
76,0	49,6	153,8	24 900	38 500*	55,6	157,9	14 700	46 900*									76,0
78,0	47,9	152,0	23 300	37 400*	54,0	156,4	13 400	46 900*									78,0
80,0	46,1	150,1	21 700	36 300*	52,4	154,9	12 100	46 300*									80,0
84,0	42,3	145,8	18 900	34 100*	49,0	151,5	9 800	42 700*	54,9	154,9	900	38 000*					84,0
88,0	38,2	140,9	16 300	31 700*	45,4	147,6	7 600	38 900*	51,6	151,8		34 700*					88,0
92,0	33,6	135,2	13 900	28 200*	41,5	143,3	5 700	35 100*	48,2	148,3		31 700*					92,0
96,0	28,5	128,3	11 700	24 900*	37,4	138,2	3 900	31 400*	44,5	144,3		28 900*	50,6	147,9	21 900*		96,0
100,0	22,2	119,5	9 600	21 800*	32,7	132,3	2 200	28 000*	40,6	139,8		26 300*	47,1	144,2	19 600*		100,0
104,0	13,2	106,2	7 500	19 000*	27,4	125,2	600	24 700*	36,4	134,6		23 900*	43,4	140,1	17 500*		104,0
108,0					20,8	115,8		21 600*	31,6	128,5		21 700*	39,4	135,4	15 500*		108,0
112,0					10,7	100,7		18 900*	26,1	120,9		19 600*	35,1	130,0	13 700*		112,0
116,0									19,0	110,8		17 500*	30,1	123,5	11 900*		116,0
120,0													24,2	115,4	10 200*		120,0
124,0													16,4	104,0	8 600*		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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
65,5	60,4	168,9	33 400	39 800*								65,5
66,0	60,1	168,6	32 900	39 700*								66,0
68,0	58,7	167,4	30 800	38 900*								68,0
70,0	57,2	166,1	28 800	38 100*								70,0
72,0	55,7	164,7	26 900	37 200*	61,0	167,6	16 000	40 000*				72,0
74,0	54,2	163,3	25 100	36 000*	59,6	166,5	14 500	40 000*				74,0
76,0	52,7	161,8	23 400	34 200*	58,1	165,2	13 100	40 000*				76,0
78,0	51,2	160,1	21 800	32 400*	56,7	163,9	11 700	38 800*				78,0
80,0	49,6	158,4	20 300	30 700*	55,2	162,5	10 500	37 100*				80,0
84,0	46,3	154,7	17 500	27 300*	52,1	159,4	8 200	33 700*	57,5	162,3	36 200*	84,0
88,0	42,7	150,5	14 900	24 100*	49,0	156,1	6 100	30 300*	54,5	159,5	33 000*	88,0
92,0	39,0	145,7	12 500	21 000*	45,6	152,2	4 100	27 000*	51,4	156,4	29 900*	92,0
96,0	34,8	140,2	10 300	18 100*	42,1	147,9	2 400	23 800*	48,2	152,9	27 200*	96,0
100,0	30,2	133,7	8 300	15 300*	38,2	143,1	700	20 700*	44,8	149,0	24 600*	100,0
104,0	24,8	125,7	6 400	12 700*	34,0	137,4		17 800*	41,2	144,5	22 300*	104,0
108,0	17,8	115,0	4 600	10 300*	29,3	130,7		15 000*	37,3	139,5	20 100*	108,0
112,0					23,7	122,3		12 400*	33,0	133,6	17 300*	112,0
116,0					16,2	110,7		10 100*	28,1	126,6	14 500*	116,0
120,0									22,2	117,7	12 000*	120,0
124,0									13,9	104,7	9 700*	124,0

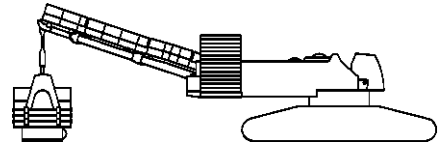


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
35,1	56,4	115,5	115 000	140 600* b													35,1
36,0	53,9	114,8	111 100	138 000*													36,0
38,0	48,3	113,0	103 400	132 600*													38,0
40,0	42,1	110,8	96 400	127 200*													40,0
42,0	34,9	108,0	90 100	122 400*	58,6	114,3	73 800	129 300* b									42,0
44,0	25,8	104,1	84 200	118 500*	53,3	112,8	69 100	122 700*									44,0
46,0					47,7	110,9	64 800	116 600*									46,0
48,0					41,4	108,7	60 700	111 100*									48,0
50,0					34,0	105,8	57 000	105 800*									50,0
52,0					24,6	101,7	53 400	100 900*	52,2	109,9	41 100	92 600*					52,0
54,0									46,4	108,0	38 500	88 500*					54,0
56,0									40,0	105,6	36 100	84 700*					56,0
58,0									32,3	102,6	33 700	81 100*					58,0
60,0									22,1	98,1	31 400	77 600*	50,4	106,2	21 300	70 600*	60,0
62,0													44,4	104,1	19 700	67 600*	62,0
64,0													37,6	101,6	18 100	64 900*	64,0
66,0													29,4	98,1	16 600	62 200*	66,0
68,0													17,3	92,7	14 900	59 500*	68,0

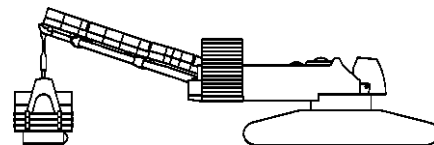
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
38,1	57,1	120,8	102 300	122 400*													38,1
40,0	53,0	119,4	95 900	118 100*													40,0
42,0	48,4	117,6	89 800	113 500*													42,0
44,0	43,5	115,5	84 200	109 000*													44,0
46,0	38,0	112,9	79 100	104 700*	56,9	118,9	63 700	115 700*									46,0
48,0	31,5	109,8	74 400	100 900*	52,5	117,3	59 800	110 200*									48,0
50,0	23,5	105,5	69 900	98 000*	47,9	115,5	56 300	105 100*									50,0
52,0					42,9	113,4	52 900	100 400*									52,0
54,0					37,3	110,8	49 800	96 000*	56,0	116,1	37 300	87 500*					54,0
56,0					30,8	107,5	46 900	91 900*	51,6	114,5	34 900	83 700*					56,0
58,0					22,4	103,1	44 000	88 000*	46,9	112,6	32 800	80 200*					58,0
60,0									41,8	110,4	30 700	77 000*					60,0
62,0									36,1	107,7	28 800	73 900*					62,0
64,0									29,2	104,2	26 900	70 900*	50,1	110,7	16 900	63 900*	64,0
66,0									20,2	99,3	25 000	68 000*	45,3	108,8	15 600	61 300*	66,0
68,0													40,0	106,4	14 300	58 900*	68,0
70,0													34,0	103,5	13 000	56 600*	70,0
72,0													26,6	99,7	11 800	54 400*	72,0
74,0													16,0	93,8	10 400	52 200*	74,0

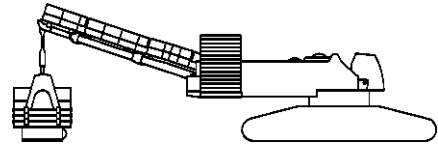


Liftcrane Luffing Jib Capacities

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
 211 830 kg Hanging 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

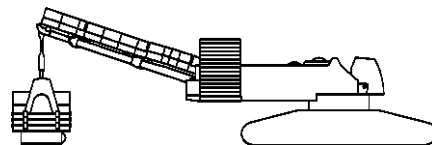
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
41,1	57,6	126,1	90 600	107 000*													41,1
42,0	56,1	125,5	88 100	105 300*													42,0
44,0	52,4	124,0	82 600	101 400*													44,0
46,0	48,5	122,2	77 600	97 600*													46,0
48,0	44,4	120,1	73 000	93 800*	59,2	124,9	57 700	108 400*									48,0
50,0	39,9	117,8	68 800	90 100*	55,7	123,5	54 200	103 400*									50,0
52,0	34,9	114,9	64 900	86 700*	52,0	121,9	51 000	98 800*									52,0
54,0	29,1	111,4	61 200	83 800*	48,1	120,1	48 000	94 500*									54,0
56,0	21,8	106,8	57 700	81 700*	43,9	118,1	45 200	90 500*									56,0
58,0					39,4	115,6	42 600	86 700*	54,9	120,7	30 500	78 400*					58,0
60,0					34,3	112,7	40 100	83 200*	51,2	119,1	28 500	75 200*					60,0
62,0					28,4	109,2	37 800	79 800*	47,3	117,2	26 700	72 200*					62,0
64,0					20,8	104,3	35 500	76 600*	43,0	115,1	25 000	69 400*					64,0
66,0									38,4	112,6	23 300	66 600*					66,0
68,0									33,2	109,6	21 700	64 100*	49,9	115,3	11 900	57 100*	68,0
70,0									27,0	105,8	20 200	61 500*	45,9	113,4	10 800	54 900*	70,0
72,0									18,9	100,6	18 600	59 100*	41,5	111,2	9 700	52 800*	72,0
74,0													36,7	108,5	8 700	50 800*	74,0
76,0													31,3	105,3	7 600	48 900*	76,0
78,0													24,6	101,2	6 600	47 000*	78,0
80,0													15,2	94,9	5 400	45 100*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
45,7	55,6	130,4	77 200	91 800*													45,7
46,0	55,1	130,1	76 500	91 300*													46,0
48,0	51,9	128,6	72 000	88 100*													48,0
50,0	48,6	126,8	67 800	84 800*	60,8	130,8	52 700	101 500*									50,0
52,0	45,0	124,8	64 000	81 500*	57,9	129,6	49 600	97 600*									52,0
54,0	41,3	122,5	60 400	78 400*	54,8	128,1	46 600	93 300*									54,0
56,0	37,1	119,9	57 100	75 500*	51,6	126,5	43 900	89 400*									56,0
58,0	32,5	116,8	54 000	72 900*	48,2	124,7	41 400	85 700*									58,0
60,0	27,2	113,1	51 100	70 600*	44,6	122,7	39 000	82 200*									60,0
62,0	20,5	108,1	48 200	69 100*	40,8	120,4	36 800	78 900*	54,1	125,3	25 200	71 000*					62,0
64,0	9,4	99,5	45 300	68 900*	36,6	117,7	34 700	75 800*	50,9	123,7	23 500	68 200*					64,0
66,0					32,0	114,6	32 600	72 900*	47,5	121,8	22 000	65 600*					66,0
68,0					26,5	110,7	30 700	70 100*	43,9	119,8	20 500	63 000*					68,0
70,0					19,6	105,6	28 800	67 400*	40,0	117,4	19 000	60 600*					70,0
72,0									35,7	114,6	17 700	58 300*	49,8	119,9	8 200	51 600*	72,0
74,0									30,9	111,4	16 400	56 100*	46,3	118,0	7 200	49 700*	74,0
76,0									25,3	107,3	15 000	54 000*	42,6	115,9	6 300	47 800*	76,0
78,0									17,8	101,7	13 700	52 000*	38,6	113,4	5 400	46 000*	78,0
80,0													34,2	110,5	4 500	44 300*	80,0
84,0													23,1	102,6	2 700	40 700*	84,0

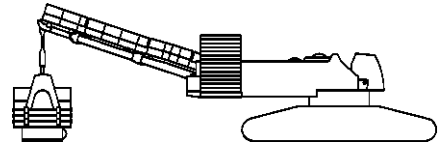


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
48,8	56,1	135,7	68 500	80 800*													48,8
50,0	54,4	134,8	66 000	79 100*													50,0
52,0	51,6	133,2	62 200	76 400*	62,1	136,7	47 300	89 100*									52,0
54,0	48,6	131,4	58 700	73 700*	59,5	135,5	44 400	89 100*									54,0
56,0	45,5	129,4	55 400	71 000*	56,9	134,2	41 800	87 400*									56,0
58,0	42,3	127,2	52 400	68 400*	54,1	132,8	39 300	83 900*									58,0
60,0	38,7	124,7	49 600	65 900*	51,3	131,1	37 000	80 500*									60,0
62,0	34,9	121,9	46 900	63 600*	48,3	129,4	34 800	77 300*									62,0
64,0	30,6	118,6	44 400	61 600*	45,2	127,4	32 700	74 300*	56,3	131,4	21 100	66 300*					64,0
66,0	25,7	114,6	42 000	59 800*	41,9	125,1	30 800	71 400*	53,5	129,9	19 600	63 700*					66,0
68,0	19,5	109,4	39 600	58 600*	38,3	122,6	28 900	68 700*	50,7	128,3	18 200	61 300*					68,0
70,0	9,6	100,6	37 200	58 600*	34,4	119,7	27 200	66 100*	47,7	126,4	16 800	58 900*					70,0
72,0					30,1	116,4	25 500	63 700*	44,5	124,4	15 500	56 700*					72,0
74,0					25,1	112,2	23 900	61 300*	41,2	122,1	14 300	54 500*					74,0
76,0					18,7	106,8	22 300	59 000*	37,6	119,6	13 100	52 500*	49,7	124,5	3 800	45 500*	76,0
78,0									33,6	116,6	11 900	50 600*	46,7	122,7	3 000	43 700*	78,0
80,0									29,1	113,1	10 800	48 700*	43,4	120,5	2 200	41 900*	80,0
84,0									17,0	102,9	8 600	45 100*	36,3	115,5	700	38 500*	84,0
88,0													27,5	108,6		35 400*	88,0
92,0													14,0	97,1		32 300*	92,0

91,4m (300 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

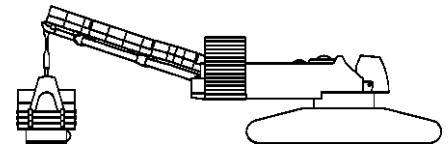
Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
53,3	54,7	139,9	58 600	69 900*													53,3
54,0	53,9	139,4	57 500	69 200*													54,0
56,0	51,3	137,8	54 200	66 900*	60,8	141,5	40 200	79 600*									56,0
58,0	48,7	136,0	51 200	64 600*	58,4	140,2	37 700	79 600*									58,0
60,0	45,9	134,1	48 400	62 300*	56,0	138,9	35 400	78 500*									60,0
62,0	43,0	131,9	45 800	60 100*	53,6	137,4	33 300	76 200*									62,0
64,0	39,9	129,5	43 300	58 000*	51,0	135,7	31 300	73 100*									64,0
66,0	36,6	126,9	41 000	56 000*	48,4	133,9	29 400	70 300*									66,0
68,0	33,1	123,8	38 800	54 200*	45,6	132,0	27 600	67 600*	55,5	136,1	16 500	59 900*					68,0
70,0	29,0	120,3	36 700	52 600*	42,7	129,8	25 900	65 100*	53,1	134,5	15 200	57 600*					70,0
72,0	24,4	116,1	34 700	51 300*	39,6	127,4	24 300	62 600*	50,5	132,9	14 000	55 400*					72,0
74,0	18,6	110,6	32 700	50 400*	36,3	124,7	22 800	60 400*	47,8	131,1	12 700	53 300*					74,0
76,0	9,6	101,7	30 600	50 400*	32,6	121,6	21 300	58 200*	45,0	129,1	11 600	51 400*					76,0
78,0					28,6	118,0	19 900	56 000*	42,1	126,8	10 500	49 500*	52,2	130,9	1 300	41 900*	78,0
80,0					23,8	113,7	18 500	54 000*	38,9	124,4	9 500	47 600*	49,6	129,1	500	40 200*	80,0
84,0									31,8	118,4	7 500	44 300*	44,1	125,2		36 900*	84,0
88,0									22,8	110,2	5 600	41 100*	37,9	120,3		33 900*	88,0
92,0													30,5	114,1		31 100*	92,0
96,0													20,9	105,2		28 400*	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
211 830 kg Hanging 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. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
56,4	55,2	145,2	51 700	62 000*												56,4	
58,0	53,4	144,0	49 300	60 400*	61,8	147,3	35 500	70 500*								58,0	
60,0	51,1	142,4	46 500	58 500*	59,7	146,2	33 200	70 500*								60,0	
62,0	48,7	140,6	43 900	56 600*	57,6	144,9	31 100	70 300*								62,0	
64,0	46,2	138,7	41 600	54 700*	55,4	143,5	29 100	69 100*								64,0	
66,0	43,6	136,6	39 300	52 800*	53,2	142,0	27 200	67 500*								66,0	
68,0	40,9	134,3	37 100	51 000*	50,8	140,3	25 500	65 800*								68,0	
70,0	38,0	131,7	35 100	49 300*	48,4	138,6	23 800	63 500*								70,0	
72,0	34,9	128,9	33 100	47 700*	45,9	136,6	22 300	61 100*	54,9	140,7	11 600	53 600*				72,0	
74,0	31,5	125,7	31 300	46 300*	43,3	134,5	20 800	58 800*	52,7	139,1	10 400	51 500*				74,0	
76,0	27,7	121,9	29 500	45 000*	40,6	132,2	19 400	56 600*	50,4	137,5	9 400	49 600*				76,0	
78,0	23,4	117,5	27 800	44 000*	37,7	129,6	18 000	54 600*	47,9	135,7	8 300	47 700*				78,0	
80,0	18,0	111,8	26 100	43 300*	34,5	126,7	16 800	52 600*	45,4	133,7	7 300	45 900*				80,0	
84,0					27,3	119,7	14 300	48 900*	40,0	129,1	5 400	42 600*	49,6	133,7	34 400*	84,0	
88,0					17,3	109,2	11 900	45 500*	33,9	123,6	3 700	39 200*	44,6	129,8	31 500*	88,0	
92,0									26,4	116,3	2 000	36 100*	39,1	125,2	28 800*	92,0	
96,0									15,9	105,2	400	33 100*	32,7	119,4	26 300*	96,0	
100,0													25,0	111,7	23 900*	100,0	
104,0													13,3	99,3	21 600*	104,0	

91,4m (300 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

Jib Oper. Rad. Meters	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
59,4	55,6	150,5	45 900	55 200*												59,4	
60,0	55,1	150,1	45 200	54 700*												60,0	
62,0	53,0	148,6	42 600	53 100*	60,7	152,1	29 500	62 700*								62,0	
64,0	50,9	147,0	40 100	51 400*	58,8	150,9	27 500	62 700*								64,0	
66,0	48,7	145,2	37 900	49 800*	56,9	149,5	25 700	62 400*								66,0	
68,0	46,5	143,3	35 800	48 200*	54,8	148,1	23 900	61 100*								68,0	
70,0	44,1	141,2	33 800	46 600*	52,8	146,6	22 300	59 800*								70,0	
72,0	41,7	139,0	31 900	45 100*	50,7	144,9	20 800	58 400*								72,0	
74,0	39,1	136,5	30 100	43 700*	48,5	143,2	19 300	56 900*	56,4	146,7	8 700	50 200*				74,0	
76,0	36,3	133,8	28 300	42 300*	46,2	141,2	17 900	55 400*	54,4	145,3	7 700	48 300*				76,0	
78,0	33,4	130,8	26 700	41 000*	43,9	139,2	16 600	53 400*	52,4	143,7	6 600	46 400*				78,0	
80,0	30,2	127,4	25 100	39 800*	41,4	136,9	15 400	51 500*	50,2	142,1	5 700	44 500*				80,0	
84,0	22,5	118,9	22 200	38 000*	36,0	131,7	13 000	47 900*	45,7	138,3	3 800	40 900*				84,0	
88,0	9,7	103,9	19 200	37 700*	29,8	125,2	10 800	44 500*	40,9	133,9	2 200	37 700*	49,5	138,3	29 700*	88,0	
92,0					22,0	116,5	8 700	41 400*	35,4	128,6	600	34 600*	45,0	134,5	27 100*	92,0	
96,0					8,4	100,5	6 600	38 400*	29,1	121,9		31 800*	40,0	129,9	24 700*	96,0	
100,0									21,0	112,9		29 100*	34,5	124,4	22 400*	100,0	
104,0													27,9	117,5	20 300*	104,0	
108,0													19,4	107,8	18 200*	108,0	