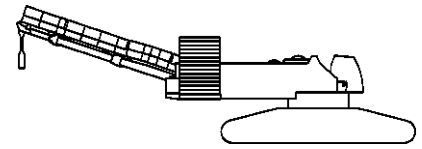


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 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. Capacities indicated by (c) require 16 780 kg minimum weight suspended beneath luffing jib point.

Caution: Do not luff into areas indicated by (b) or (c) 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.

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. 87 degree boom angle requires 61,0m minimum boom length. Refer to luffing jib assembly **No. A08238**, Wire Rope Specification chart **No. 8592-A or 8592-B**, Counterweight Arrangement chart **No. 8577-A** and Luffing Jib Raising Procedure chart **No. 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 0 kg hanging counterweight.

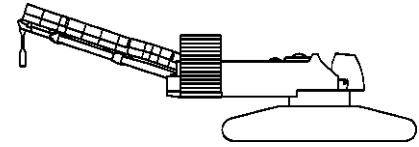
Upper Luffing Jib Point Capacity For Liftcrane Service - Whip Line		
28 mm		32 mm
Drum 2	Drum 3	Drum 2
Single Part Line		
16 240 kg	13 610 kg	22 140 kg
Two Part Line		
Upper Boom Point No. A08516		
32 480 kg	27 220 kg	44 270 kg
In all cases, upper luffing jib point capacities cannot exceed those listed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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 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	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
16,8	72,3	77,8	251 900* b				16,8
18,0	69,5	77,3	233 200* b				18,0
20,0	64,9	76,3	207 200* b				20,0
22,0	60,0	75,2	186 300*				22,0
24,0	54,9	73,7	168 900*				24,0
26,0	49,4	72,0	154 300*	60,6	74,6	146 300*	26,0
28,0	43,3	69,9	141 700*	55,5	73,2	134 400*	28,0
30,0	36,3	67,2	130 700*	50,0	71,5	124 000*	30,0
32,0	27,7	63,6	121 100*	44,0	69,4	115 000*	32,0
34,0				37,2	66,8	106 900*	34,0
36,0				28,8	63,4	99 700*	36,0
38,0				16,2	57,7	92 800	38,0

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

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18,3	72,9	83,7	228 200* b				18,3
20,0	69,8	83,1	206 600* b				20,0
22,0	66,0	82,2	185 800* b				22,0
24,0	62,1	81,1	168 500*				24,0
26,0	58,1	79,8	154 000*	66,4	81,6	145 500*	26,0
28,0	53,8	78,3	141 500*	62,6	80,5	133 700*	28,0
30,0	49,3	76,6	130 700*	58,5	79,3	123 500*	30,0
32,0	44,4	74,5	121 200*	54,3	77,8	114 500*	32,0
34,0	39,0	72,1	112 800*	49,8	76,1	106 600*	34,0
36,0	32,8	69,1	105 400*	45,0	74,1	99 600*	36,0
38,0	25,2	65,0	98 600*	39,7	71,7	93 300*	38,0
40,0				33,6	68,8	87 000	40,0
42,0				26,1	64,9	81 200	42,0
44,0				15,1	58,8	75 800	44,0

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

48,8m (160 Ft.) Boom 39,6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21,3	71,0	89,1	191 000* b				21,3
22,0	69,9	88,8	184 800* b				22,0
24,0	66,8	87,9	167 300*				24,0
26,0	63,5	86,9	152 800*				26,0
28,0	60,2	85,8	140 400*				28,0
30,0	56,7	84,4	129 600*	63,9	86,4	122 200*	30,0
32,0	53,1	82,9	120 300*	60,6	85,2	113 200*	32,0
34,0	49,3	81,2	112 000*	57,1	83,9	105 400*	34,0
36,0	45,2	79,2	104 600*	53,5	82,4	98 400*	36,0
38,0	40,8	76,9	98 000*	49,7	80,7	92 200*	38,0
40,0	35,9	74,1	92 000	45,6	78,7	86 200	40,0
42,0	30,2	70,8	86 200	41,3	76,5	80 600	42,0
44,0	23,3	66,4	80 700	36,4	73,8	75 500	44,0
46,0				30,9	70,5	70 900	46,0
48,0				24,2	66,3	66 600	48,0
50,0				14,4	59,8	62 600	50,0

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

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22,9	71,6	95,0	175 900*				22,9
24,0	70,1	94,6	166 600*				24,0
26,0	67,3	93,7	152 000*				26,0
28,0	64,6	92,8	139 600*				28,0
30,0	61,7	91,7	128 900*				30,0
32,0	58,8	90,4	119 500*	64,9	92,2	112 300*	32,0
34,0	55,7	89,1	111 300*	62,0	91,1	104 500*	34,0
36,0	52,5	87,5	103 900*	59,1	89,9	97 500*	36,0
38,0	49,2	85,8	97 400*	56,0	88,6	91 300*	38,0
40,0	45,7	83,8	91 500*	52,9	87,0	85 500	40,0
42,0	42,0	81,6	85 900	49,6	85,3	79 900	42,0
44,0	37,9	79,1	80 600	46,1	83,4	74 900	44,0
46,0	33,4	76,1	75 700	42,4	81,2	70 400	46,0
48,0	28,2	72,5	71 200	38,4	78,7	66 300	48,0
50,0	21,9	67,8	67 100	33,9	75,8	62 500	50,0
52,0				28,9	72,2	59 000	52,0
54,0				22,7	67,7	55 700	54,0
56,0				13,8	60,9	52 500	56,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 42,7m Mast No. 56

223 170 kg Crane Counterweight

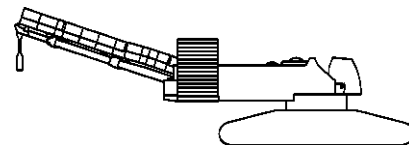
145 150 kg Carbody Counterweight

0 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	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
24,4	72,1	101,0	162 200*				24,4
26,0	70,2	100,3	150 600*				26,0
28,0	67,8	99,5	138 300*				28,0
30,0	65,3	98,6	127 600*				30,0
32,0	62,8	97,5	118 300*				32,0
34,0	60,3	96,4	110 000*	65,6	98,0	103 000*	34,0
36,0	57,6	95,1	102 700*	63,1	97,0	96 100*	36,0
38,0	54,9	93,7	96 200*	60,6	95,8	89 900*	38,0
40,0	52,1	92,1	90 300*	57,9	94,6	84 300	40,0
42,0	49,2	90,4	84 900	55,2	93,2	78 800	42,0
44,0	46,1	88,4	79 700	52,4	91,6	73 800	44,0
46,0	42,9	86,3	74 900	49,5	89,9	69 300	46,0
48,0	39,4	83,9	70 500	46,5	88,0	65 200	48,0
50,0	35,6	81,1	66 500	43,2	85,9	61 400	50,0
52,0	31,4	77,9	62 800	39,8	83,5	58 000	52,0
54,0	26,6	74,0	59 300	36,1	80,8	54 800	54,0
56,0	20,8	69,1	56 100	31,9	77,6	51 900	56,0
58,0				27,2	73,8	49 000	58,0
60,0				21,5	69,1	46 400	60,0
62,0				13,4	62,0	43 900	62,0

48,8m (160 Ft.) Boom

57,9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
25,9	72,4	106,9	150 300*				25,9
26,0	72,3	106,8	149 700*				26,0
28,0	70,2	106,1	137 300*				28,0
30,0	68,1	105,3	126 600*				30,0
32,0	65,9	104,4	117 300*				32,0
34,0	63,7	103,4	109 100*				34,0
36,0	61,4	102,3	101 800*	66,2	103,8	95 100*	36,0
38,0	59,1	101,1	95 300*	63,9	102,8	88 900*	38,0
40,0	56,8	99,7	89 400*	61,7	101,7	83 300	40,0
42,0	54,3	98,3	84 100	59,4	100,5	77 800	42,0
44,0	51,8	96,7	78 900	57,0	99,2	72 900	44,0
46,0	49,2	95,0	74 200	54,6	97,8	68 400	46,0
48,0	46,4	93,1	69 800	52,1	96,2	64 300	48,0
50,0	43,6	91,0	65 800	49,5	94,5	60 600	50,0
52,0	40,5	88,6	62 100	46,7	92,6	57 200	52,0
54,0	37,3	86,0	58 700	43,9	90,5	54 000	54,0
56,0	33,7	83,1	55 600	40,9	88,2	51 100	56,0
58,0	29,8	79,6	52 700	37,6	85,7	48 400	58,0
60,0	25,3	75,6	50 000	34,1	82,7	45 900	60,0
62,0	19,8	70,4	47 400	30,3	79,4	43 500	62,0
64,0	11,9	62,6	44 800	25,9	75,4	41 200	64,0
66,0				20,5	70,4	39 100	66,0
68,0				13,0	63,1	37 000	68,0

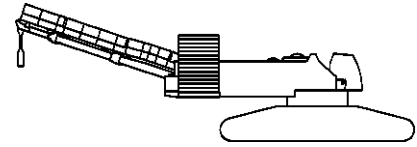


Liftcrane Luffing Jib Capacities

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
 0 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	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
27,4	72,7	112,8	139 200*				27,4
28,0	72,2	112,6	136 100*				28,0
30,0	70,3	111,9	125 300*				30,0
32,0	68,4	111,1	116 000*				32,0
34,0	66,4	110,2	107 800*				34,0
36,0	64,4	109,2	100 500*				36,0
38,0	62,4	108,2	94 000*				38,0
40,0	60,3	107,0	88 200*	64,6	108,7	81 800	40,0
42,0	58,2	105,7	82 800*	62,6	107,6	76 600	42,0
44,0	56,0	104,4	77 800	60,5	106,5	71 600	44,0
46,0	53,8	102,9	73 100	58,4	105,2	67 200	46,0
48,0	51,5	101,3	68 700	56,3	103,9	63 100	48,0
50,0	49,2	99,6	64 700	54,1	102,4	59 400	50,0
52,0	46,7	97,7	61 100	51,8	100,8	56 000	52,0
54,0	44,1	95,6	57 700	49,4	99,1	52 800	54,0
56,0	41,4	93,4	54 600	47,0	97,2	49 900	56,0
58,0	38,6	90,9	51 800	44,4	95,2	47 200	58,0
60,0	35,5	88,1	49 100	41,7	92,9	44 800	60,0
62,0	32,2	84,9	46 600	38,9	90,5	42 400	62,0
64,0	28,5	81,3	44 200	35,8	87,7	40 200	64,0
66,0	24,2	77,1	41 900	32,5	84,6	38 200	66,0
68,0	19,1	71,7	39 800	28,9	81,1	36 100*	68,0
70,0	11,7	63,7	37 700	24,7	76,9	34 000*	70,0
72,0				19,7	71,7	32 100*	72,0
74,0				12,8	64,2	30 100*	74,0

48,8m (160 Ft.) Boom 70,1m (230 Ft.) Luffing Jib

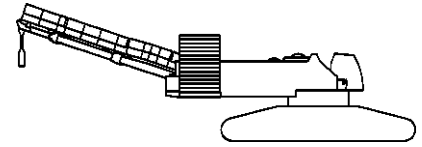
Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
29,0	73,0	118,7	126 800*				29,0
30,0	72,1	118,4	123 400*				30,0
32,0	70,3	117,6	115 000*				32,0
34,0	68,6	116,8	106 700*				34,0
36,0	66,8	116,0	99 500*				36,0
38,0	65,0	115,0	93 000*				38,0
40,0	63,2	114,0	87 200*	67,0	115,4	80 800	40,0
42,0	61,3	112,9	81 900*	65,2	114,5	75 600	42,0
44,0	59,4	111,7	76 900	63,4	113,4	70 600	44,0
46,0	57,4	110,4	72 200	61,5	112,3	66 100	46,0
48,0	55,4	109,0	67 800	59,6	111,2	62 100	48,0
50,0	53,4	107,5	63 900	57,7	109,9	58 400	50,0
52,0	51,3	105,9	60 200	55,7	108,5	55 000	52,0
54,0	49,1	104,2	56 900	53,6	107,0	51 900	54,0
56,0	46,9	102,3	53 800	51,5	105,4	49 000	56,0
58,0	44,6	100,3	50 900	49,4	103,7	46 300	58,0
60,0	42,1	98,1	48 200	47,2	101,8	43 800	60,0
62,0	39,6	95,6	45 800	44,8	99,8	41 500	62,0
64,0	36,9	93,0	43 500	42,4	97,6	39 100*	64,0
66,0	34,0	90,1	41 300	39,9	95,2	37 000*	66,0
68,0	30,8	86,7	39 200	37,2	92,6	34 900*	68,0
70,0	27,3	83,0	37 200	34,3	89,7	32 900*	70,0
72,0	23,3	78,5	35 400	31,2	86,5	31 100*	72,0
74,0	18,4	72,9	33 600	27,7	82,7	29 300*	74,0
76,0	11,6	64,8	31 800	23,8	78,4	27 600*	76,0
78,0				19,0	72,9	25 900*	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
0 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	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
32,0	72,0	124,1	109 000*				32,0
34,0	70,4	123,4	105 900*				34,0
36,0	68,8	122,6	98 100*				36,0
38,0	67,1	121,7	91 700*				38,0
40,0	65,5	120,8	85 800*				40,0
42,0	63,8	119,8	80 600*				42,0
44,0	62,1	118,8	75 700	65,7	120,3	69 300	44,0
46,0	60,4	117,6	71 000	64,0	119,3	64 800	46,0
48,0	58,6	116,4	66 700	62,3	118,2	60 800	48,0
50,0	56,8	115,1	62 700	60,5	117,1	57 100	50,0
52,0	54,9	113,7	59 100	58,8	115,8	53 700	52,0
54,0	53,1	112,1	55 800	57,0	114,5	50 600	54,0
56,0	51,1	110,5	52 700	55,1	113,1	47 600*	56,0
58,0	49,1	108,8	49 800	53,3	111,6	44 800*	58,0
60,0	47,1	106,9	47 200	51,3	110,0	42 200*	60,0
62,0	44,9	104,9	44 700	49,4	108,3	39 700*	62,0
64,0	42,7	102,7	42 400	47,3	106,5	37 400*	64,0
66,0	40,4	100,4	40 200	45,2	104,5	35 200*	66,0
68,0	38,0	97,8	38 200	43,0	102,3	33 200*	68,0
70,0	35,4	95,1	36 200	40,7	100,0	31 300*	70,0
72,0	32,6	92,0	34 400*	38,2	97,5	29 500*	72,0
74,0	29,6	88,5	32 500*	35,7	94,7	27 700*	74,0
76,0	26,3	84,5	30 700*	32,9	91,7	26 100*	76,0
78,0	22,5	79,9	28 900*	30,0	88,2	24 500*	78,0
80,0	17,9	74,1	27 200*	26,7	84,3	23 000*	80,0
84,0				18,4	74,2	20 100*	84,0

48,8m (160 Ft.) Boom 82,3m (270 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
33,5	72,2	130,0	94 100*				33,5
34,0	71,9	129,9	94 000*				34,0
36,0	70,4	129,1	93 700*				36,0
38,0	68,9	128,4	90 600*				38,0
40,0	67,4	127,5	84 800*				40,0
42,0	65,9	126,6	79 500*				42,0
44,0	64,3	125,7	74 700*				44,0
46,0	62,8	124,6	70 000	66,0	126,1	63 700	46,0
48,0	61,2	123,5	65 700	64,5	125,1	59 700*	48,0
50,0	59,6	122,3	61 800	62,9	124,1	55 900*	50,0
52,0	57,9	121,1	58 100	61,3	123,0	52 300*	52,0
54,0	56,2	119,7	54 800	59,7	121,8	49 100*	54,0
56,0	54,5	118,3	51 700	58,1	120,5	46 100*	56,0
58,0	52,8	116,7	48 900	56,4	119,2	43 300*	58,0
60,0	51,0	115,1	46 200	54,7	117,8	40 700*	60,0
62,0	49,1	113,4	43 800	53,0	116,2	38 300*	62,0
64,0	47,2	111,5	41 500	51,2	114,6	36 000*	64,0
66,0	45,3	109,5	39 300	49,3	112,9	33 900*	66,0
68,0	43,2	107,4	37 200	47,4	111,1	31 900*	68,0
70,0	41,1	105,1	35 100*	45,5	109,1	29 900*	70,0
72,0	38,9	102,7	33 200*	43,5	107,0	28 100*	72,0
74,0	36,6	100,0	31 300*	41,3	104,7	26 400*	74,0
76,0	34,1	97,0	29 500*	39,1	102,3	24 800*	76,0
78,0	31,5	93,8	27 800*	36,8	99,6	23 200*	78,0
80,0	28,6	90,2	26 200*	34,4	96,7	21 800*	80,0
84,0	21,8	81,3	23 100*	28,9	89,9	19 000*	84,0
88,0	11,4	66,9	20 200*	22,2	81,2	16 400*	88,0

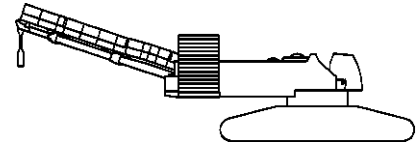


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 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	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
35,1	72,5	136,0	80 300*				35,1
36,0	71,8	135,6	80 200*				36,0
38,0	70,4	134,9	79 800*				38,0
40,0	69,1	134,1	79 400*				40,0
42,0	67,6	133,3	78 000*				42,0
44,0	66,2	132,4	73 400*				44,0
46,0	64,8	131,5	68 900				46,0
48,0	63,3	130,4	64 500	66,4	131,9	57 700*	48,0
50,0	61,9	129,4	60 600	65,0	130,9	54 000*	50,0
52,0	60,4	128,2	57 000	63,5	129,9	50 500*	52,0
54,0	58,9	127,0	53 600	62,0	128,8	47 300*	54,0
56,0	57,3	125,7	50 600	60,5	127,7	44 300*	56,0
58,0	55,7	124,3	47 700	59,0	126,5	41 500*	58,0
60,0	54,1	122,9	45 100	57,5	125,2	38 900*	60,0
62,0	52,5	121,3	42 600	55,9	123,8	36 500*	62,0
64,0	50,8	119,7	40 100*	54,3	122,4	34 200*	64,0
66,0	49,1	118,0	37 800*	52,7	120,9	32 100*	66,0
68,0	47,3	116,1	35 600*	51,0	119,2	30 100*	68,0
70,0	45,5	114,2	33 500*	49,3	117,5	28 200*	70,0
72,0	43,7	112,1	31 600*	47,5	115,7	26 400*	72,0
74,0	41,7	109,8	29 700*	45,7	113,7	24 700*	74,0
76,0	39,7	107,4	28 000*	43,9	111,6	23 100*	76,0
78,0	37,6	104,8	26 300*	41,9	109,4	21 600*	78,0
80,0	35,3	102,0	24 700*	39,9	107,0	20 100*	80,0
84,0	30,4	95,6	21 700*	35,6	101,7	17 400*	84,0
88,0	24,6	87,6	19 000*	30,7	95,3	14 900*	88,0
92,0	17,0	76,5	16 400*	25,0	87,4	12 600*	92,0
96,0				17,5	76,6	10 300*	96,0

**48,8m (160 Ft.) Boom
 94,5m (310 Ft.) Luffing Jib**

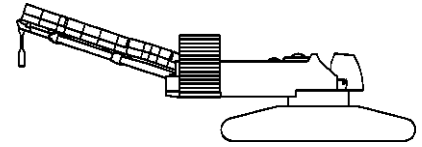
Jib Oper. Rad. Meters	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms
36,6	72,7	141,9	69 400*
38,0	71,8	141,4	69 200*
40,0	70,5	140,7	68 800*
42,0	69,2	139,9	68 400*
44,0	67,9	139,1	67 300*
46,0	66,5	138,2	64 700*
48,0	65,2	137,3	61 900*
50,0	63,8	136,3	59 100*
52,0	62,5	135,2	56 000
54,0	61,1	134,1	52 600
56,0	59,7	132,9	49 500
58,0	58,2	131,7	46 600*
60,0	56,8	130,4	43 800*
62,0	55,3	129,0	41 200*
64,0	53,8	127,5	38 700*
66,0	52,3	125,9	36 400*
68,0	50,7	124,3	34 200*
70,0	49,1	122,6	32 200*
72,0	47,5	120,7	30 200*
74,0	45,8	118,8	28 400*
76,0	44,0	116,7	26 600*
78,0	42,2	114,5	25 000*
80,0	40,3	112,2	23 400*
84,0	36,4	106,9	20 500*
88,0	31,9	100,8	17 600*
92,0	26,8	93,5	14 600*
96,0	20,6	84,0	11 900*
100,0	11,2	69,0	9 500*

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 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	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
18,3	70,1	83,5	227 000* b				18,3
20,0	66,1	82,7	205 500* b				20,0
22,0	61,4	81,6	184 800* b				22,0
24,0	56,3	80,2	167 600*				24,0
26,0	50,9	78,6	153 100*	63,2	81,3	143 700* b	26,0
28,0	45,0	76,5	140 500*	58,2	80,0	132 000*	28,0
30,0	38,3	74,0	129 700*	53,0	78,5	121 900*	30,0
32,0	30,2	70,7	120 100*	47,3	76,6	113 000*	32,0
34,0				40,9	74,3	105 100*	34,0
36,0				33,5	71,4	98 000*	36,0
38,0				23,8	67,2	91 600*	38,0

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

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
19,8	71,1	89,4	207 100* b				19,8
20,0	70,8	89,4	205 000* b				20,0
22,0	67,0	88,5	184 200* b				22,0
24,0	63,2	87,4	167 100*				24,0
26,0	59,2	86,2	152 600*				26,0
28,0	55,0	84,8	140 300*	64,6	87,1	131 400*	28,0
30,0	50,5	83,1	129 600*	60,7	86,0	121 200*	30,0
32,0	45,8	81,2	120 200*	56,6	84,6	112 500*	32,0
34,0	40,5	78,9	111 800*	52,2	83,1	104 700*	34,0
36,0	34,6	76,0	104 400*	47,6	81,2	97 700*	36,0
38,0	27,4	72,3	97 700*	42,5	79,0	91 500*	38,0
40,0				36,9	76,4	85 600	40,0
42,0				30,3	73,1	79 900	42,0
44,0				21,7	68,5	74 700	44,0

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

54,9m (180 Ft.) Boom 39,6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
21,3	71,8	95,4	189 400* b				21,3
22,0	70,8	95,1	183 200* b				22,0
24,0	67,6	94,3	165 900*				24,0
26,0	64,4	93,3	151 500*				26,0
28,0	61,1	92,2	139 100*				28,0
30,0	57,7	90,9	128 500*	65,6	92,9	119 900*	30,0
32,0	54,1	89,4	119 200*	62,3	91,9	111 100*	32,0
34,0	50,3	87,7	110 900*	59,0	90,6	103 400*	34,0
36,0	46,3	85,8	103 600*	55,4	89,2	96 500*	36,0
38,0	42,0	83,6	97 100*	51,7	87,7	90 400*	38,0
40,0	37,2	81,0	91 100*	47,8	85,8	84 700	40,0
42,0	31,8	77,8	85 600	43,6	83,7	79 100	42,0
44,0	25,3	73,8	80 200	39,1	81,3	74 200	44,0
46,0				33,9	78,4	69 600	46,0
48,0				27,9	74,7	65 500	48,0
50,0				20,2	69,8	61 600	50,0

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

Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
22,9	72,3	101,3	174 300*				22,9
24,0	70,8	100,9	165 100*				24,0
26,0	68,1	100,1	150 600*				26,0
28,0	65,3	99,1	138 300*				28,0
30,0	62,5	98,1	127 700*				30,0
32,0	59,5	96,8	118 400*	66,3	98,7	110 000*	32,0
34,0	56,5	95,5	110 200*	63,5	97,7	102 400*	34,0
36,0	53,4	94,0	102 900*	60,6	96,6	95 600*	36,0
38,0	50,1	92,3	96 400*	57,7	95,3	89 500*	38,0
40,0	46,7	90,4	90 600*	54,6	93,9	83 900	40,0
42,0	43,0	88,3	85 200	51,4	92,2	78 400	42,0
44,0	39,0	85,8	80 000	48,0	90,4	73 500	44,0
46,0	34,7	83,0	75 200	44,4	88,4	69 100	46,0
48,0	29,7	79,6	70 800	40,6	86,1	65 000	48,0
50,0	23,8	75,3	66 700	36,4	83,4	61 300	50,0
52,0				31,6	80,2	57 800	52,0
54,0				26,1	76,3	54 600	54,0
56,0				19,1	71,0	51 500	56,0

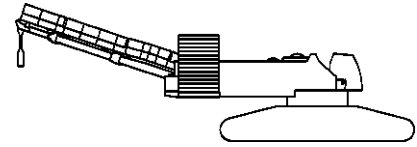


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 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	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
24,4	72,7	107,2	160 700*				24,4
26,0	70,8	106,6	149 200*				26,0
28,0	68,4	105,8	137 000*				28,0
30,0	66,0	104,9	126 400*				30,0
32,0	63,5	103,9	117 100*				32,0
34,0	61,0	102,8	109 000*	66,9	104,5	100 900*	34,0
36,0	58,3	101,5	101 700*	64,4	103,6	94 100*	36,0
38,0	55,7	100,1	95 200*	61,9	102,5	88 000*	38,0
40,0	52,9	98,6	89 400*	59,3	101,3	82 500	40,0
42,0	50,0	96,9	84 100*	56,7	99,9	77 200	42,0
44,0	47,0	95,1	79 100	53,9	98,5	72 300	44,0
46,0	43,8	93,0	74 300	51,1	96,8	67 900	46,0
48,0	40,4	90,6	69 900	48,1	95,0	63 900	48,0
50,0	36,7	87,9	66 000	45,0	93,0	60 200	50,0
52,0	32,6	84,9	62 300	41,7	90,8	56 800	52,0
54,0	28,0	81,2	58 900	38,1	88,2	53 600	54,0
56,0	22,5	76,6	55 700	34,2	85,3	50 800	56,0
58,0				29,8	81,9	48 000	58,0
60,0				24,7	77,8	45 500	60,0
62,0				18,2	72,2	43 000	62,0
64,0				5,9	61,3	40 500	64,0

54,9m (180 Ft.) Boom 57,9m (190 Ft.) Luffing Jib

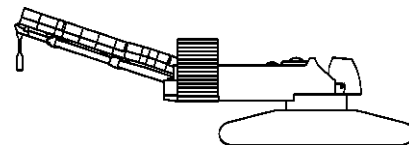
Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
25,9	73,0	113,1	148 800*				25,9
26,0	72,9	113,1	148 200*				26,0
28,0	70,8	112,4	135 900*				28,0
30,0	68,7	111,6	125 400*				30,0
32,0	66,5	110,7	116 100*				32,0
34,0	64,3	109,7	108 000*				34,0
36,0	62,1	108,7	100 800*				36,0
38,0	59,8	107,5	94 300*	65,1	109,4	86 900*	38,0
40,0	57,4	106,2	88 500*	62,9	108,3	81 500	40,0
42,0	55,0	104,8	83 200*	60,6	107,2	76 300	42,0
44,0	52,5	103,2	78 300	58,3	105,9	71 400	44,0
46,0	49,9	101,5	73 600	55,9	104,6	67 000	46,0
48,0	47,2	99,7	69 200	53,4	103,1	63 000	48,0
50,0	44,3	97,6	65 300	50,9	101,4	59 300	50,0
52,0	41,4	95,3	61 600	48,2	99,7	55 900	52,0
54,0	38,2	92,8	58 300	45,4	97,7	52 800	54,0
56,0	34,7	90,0	55 200	42,5	95,5	50 000	56,0
58,0	30,9	86,7	52 300	39,4	93,1	47 300	58,0
60,0	26,6	82,8	49 500	36,0	90,3	44 800	60,0
62,0	21,4	78,0	47 000	32,4	87,2	42 500	62,0
64,0	14,5	71,2	44 500	28,3	83,6	40 300	64,0
66,0				23,5	79,2	38 200	66,0
68,0				17,4	73,4	36 200	68,0
70,0				6,7	62,7	34 100	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
 0 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	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
29,0	71,8	118,5	129 300*				29,0
30,0	70,8	118,2	124 100*				30,0
32,0	68,9	117,4	114 800*				32,0
34,0	66,9	116,5	106 700*				34,0
36,0	64,9	115,6	99 400*				36,0
38,0	62,9	114,5	93 000*				38,0
40,0	60,9	113,4	87 200*	65,7	115,2	80 000	40,0
42,0	58,8	112,2	82 000*	63,7	114,2	74 900	42,0
44,0	56,6	110,8	77 200	61,6	113,1	70 000	44,0
46,0	54,4	109,4	72 400	59,6	111,9	65 700	46,0
48,0	52,1	107,8	68 100	57,4	110,6	61 700	48,0
50,0	49,8	106,1	64 200	55,2	109,2	58 000	50,0
52,0	47,4	104,3	60 600	53,0	107,7	54 700	52,0
54,0	44,8	102,3	57 200	50,7	106,0	51 600	54,0
56,0	42,2	100,1	54 200	48,3	104,2	48 700	56,0
58,0	39,3	97,6	51 300	45,8	102,3	46 100	58,0
60,0	36,3	94,9	48 600	43,2	100,2	43 600	60,0
62,0	33,1	91,9	46 100	40,4	97,8	41 400	62,0
64,0	29,5	88,4	43 800	37,5	95,2	39 200	64,0
66,0	25,4	84,3	41 600	34,3	92,3	37 200	66,0
68,0	20,6	79,3	39 500	30,9	89,0	35 100*	68,0
70,0	14,1	72,3	37 400	27,0	85,2	33 200*	70,0
72,0				22,5	80,6	31 300*	72,0
74,0				16,8	74,6	29 400*	74,0
76,0				7,2	64,0	27 400*	76,0

54,9m (180 Ft.) Boom 70,1m (230 Ft.) Luffing Jib

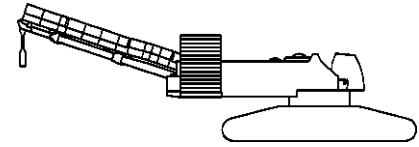
Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
30,5	72,1	124,4	115 300*				30,5
32,0	70,8	123,9	113 500*				32,0
34,0	69,0	123,1	105 600*				34,0
36,0	67,3	122,3	98 400*				36,0
38,0	65,5	121,3	92 000*				38,0
40,0	63,6	120,3	86 200*				40,0
42,0	61,8	119,3	80 900*	66,1	121,0	73 800	42,0
44,0	59,9	118,1	76 200*	64,3	120,0	69 000	44,0
46,0	58,0	116,8	71 500	62,5	118,9	64 600	46,0
48,0	56,0	115,5	67 200	60,6	117,8	60 600	48,0
50,0	54,0	114,0	63 300	58,7	116,6	57 000	50,0
52,0	51,9	112,4	59 700	56,7	115,2	53 700	52,0
54,0	49,7	110,7	56 400	54,7	113,8	50 600	54,0
56,0	47,5	108,9	53 300	52,7	112,3	47 800	56,0
58,0	45,2	106,9	50 400	50,5	110,6	45 200	58,0
60,0	42,8	104,7	47 800	48,3	108,8	42 700	60,0
62,0	40,3	102,4	45 300	46,1	106,9	40 400	62,0
64,0	37,6	99,8	43 000	43,7	104,8	38 100*	64,0
66,0	34,7	96,9	40 900	41,2	102,6	35 900*	66,0
68,0	31,7	93,7	38 800	38,6	100,1	33 900*	68,0
70,0	28,3	90,1	36 900	35,8	97,3	32 000*	70,0
72,0	24,4	85,8	35 000	32,8	94,2	30 100*	72,0
74,0	19,8	80,6	33 300	29,6	90,8	28 400*	74,0
76,0	13,8	73,4	31 500	25,9	86,8	26 700*	76,0
78,0				21,7	82,0	25 100*	78,0
80,0				16,3	75,7	23 600*	80,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 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	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
32,0	72,4	130,4	101 100*				32,0
34,0	70,8	129,7	99 200*				34,0
36,0	69,2	128,9	96 400*				36,0
38,0	67,6	128,1	90 700*				38,0
40,0	65,9	127,2	84 800*				40,0
42,0	64,2	126,2	79 600*				42,0
44,0	62,5	125,1	74 900*	66,5	126,8	67 600	44,0
46,0	60,8	124,0	70 400	64,9	125,8	63 200	46,0
48,0	59,1	122,8	66 000	63,2	124,8	59 300	48,0
50,0	57,3	121,5	62 100	61,5	123,7	55 600	50,0
52,0	55,4	120,1	58 600	59,7	122,5	52 300	52,0
54,0	53,6	118,6	55 200	57,9	121,2	49 300	54,0
56,0	51,6	117,0	52 200	56,1	119,9	46 300*	56,0
58,0	49,7	115,3	49 300	54,3	118,4	43 600*	58,0
60,0	47,6	113,5	46 700	52,4	116,9	41 000*	60,0
62,0	45,5	111,5	44 200	50,4	115,2	38 600*	62,0
64,0	43,3	109,4	41 900	48,4	113,5	36 300*	64,0
66,0	41,0	107,1	39 800	46,3	111,5	34 200*	66,0
68,0	38,6	104,6	37 700	44,2	109,5	32 200*	68,0
70,0	36,1	101,9	35 800	41,9	107,2	30 300*	70,0
72,0	33,4	98,9	34 100	39,5	104,8	28 500*	72,0
74,0	30,4	95,5	32 300	37,1	102,2	26 800*	74,0
76,0	27,2	91,7	30 500*	34,4	99,3	25 200*	76,0
78,0	23,6	87,3	28 800*	31,6	96,1	23 600*	78,0
80,0	19,2	81,9	27 100*	28,5	92,5	22 200*	80,0
84,0				20,9	83,3	19 300*	84,0
88,0				7,8	66,4	16 500*	88,0

54,9m (180 Ft.) Boom 82,3m (270 Ft.) Luffing Jib

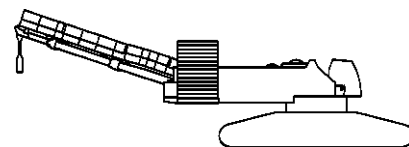
Jib Oper. Rad. Meters	85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
33,5	72,6	136,3	86 900*				33,5
34,0	72,3	136,1	86 900*				34,0
36,0	70,8	135,4	86 500*				36,0
38,0	69,3	134,7	85 100*				38,0
40,0	67,8	133,8	83 100*				40,0
42,0	66,3	132,9	78 700*				42,0
44,0	64,7	132,0	73 800*				44,0
46,0	63,2	131,0	69 400	66,9	132,6	62 200	46,0
48,0	61,6	129,9	65 100	65,3	131,6	58 100*	48,0
50,0	60,0	128,7	61 100	63,8	130,6	54 400*	50,0
52,0	58,3	127,5	57 600	62,2	129,6	50 900*	52,0
54,0	56,7	126,1	54 300	60,6	128,4	47 800*	54,0
56,0	55,0	124,7	51 200	59,0	127,2	44 800*	56,0
58,0	53,2	123,2	48 400	57,3	125,9	42 100*	58,0
60,0	51,4	121,6	45 700	55,6	124,5	39 500*	60,0
62,0	49,6	119,9	43 300	53,9	123,1	37 100*	62,0
64,0	47,7	118,1	41 000	52,1	121,5	34 900*	64,0
66,0	45,8	116,2	38 800	50,3	119,8	32 800*	66,0
68,0	43,8	114,1	36 800	48,4	118,1	30 800*	68,0
70,0	41,7	111,8	34 900	46,5	116,2	28 900*	70,0
72,0	39,5	109,4	33 000*	44,5	114,1	27 100*	72,0
74,0	37,2	106,8	31 100*	42,5	111,9	25 500*	74,0
76,0	34,8	103,9	29 300*	40,3	109,6	23 800*	76,0
78,0	32,2	100,8	27 700*	38,1	107,0	22 300*	78,0
80,0	29,4	97,3	26 100*	35,7	104,3	20 900*	80,0
84,0	22,8	88,7	23 000*	30,4	97,9	18 200*	84,0
88,0	13,3	75,6	20 100*	24,2	89,8	15 600*	88,0
92,0				15,5	78,0	13 200*	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
0 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	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms
35,1	72,8	142,2	75 300*
36,0	72,2	141,9	75 300*
38,0	70,8	141,2	75 000*
40,0	69,4	140,4	74 600*
42,0	68,0	139,6	73 200*
44,0	66,6	138,7	71 800*
46,0	65,2	137,8	68 100
48,0	63,7	136,8	63 900
50,0	62,3	135,7	60 000
52,0	60,8	134,6	56 400
54,0	59,3	133,4	53 000
56,0	57,7	132,1	50 000
58,0	56,2	130,8	47 200
60,0	54,6	129,4	44 600
62,0	52,9	127,8	42 100
64,0	51,3	126,2	39 800
66,0	49,6	124,5	37 600*
68,0	47,8	122,7	35 400*
70,0	46,0	120,8	33 300*
72,0	44,2	118,7	31 400*
74,0	42,2	116,5	29 500*
76,0	40,2	114,1	27 800*
78,0	38,1	111,6	26 100*
80,0	35,9	108,9	24 500*
84,0	31,1	102,6	21 500*
88,0	25,5	94,9	18 800*
92,0	18,2	84,4	16 300*

54,9m (180 Ft.) Boom 94,5m (310 Ft.) Luffing Jib

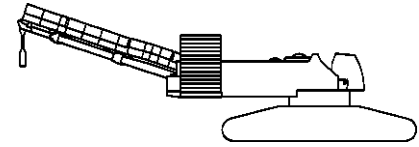
Jib Oper. Rad. Meters	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms
38,1	72,0	147,6	65 200*
40,0	70,8	146,9	64 900*
42,0	69,5	146,2	64 600*
44,0	68,2	145,4	64 200*
46,0	66,9	144,5	63 100*
48,0	65,6	143,6	61 500*
50,0	64,2	142,6	58 800
52,0	62,8	141,6	55 300
54,0	61,5	140,5	52 100
56,0	60,1	139,3	49 000
58,0	58,6	138,1	46 200
60,0	57,2	136,8	43 500
62,0	55,7	135,4	40 900*
64,0	54,2	134,0	38 500*
66,0	52,7	132,4	36 200*
68,0	51,1	130,8	34 000*
70,0	49,5	129,1	31 900*
72,0	47,9	127,3	30 000*
74,0	46,2	125,4	28 200*
76,0	44,5	123,3	26 400*
78,0	42,7	121,2	24 800*
80,0	40,8	118,9	23 200*
84,0	36,9	113,7	20 300*
88,0	32,5	107,8	17 600*
92,0	27,6	100,6	15 000*
96,0	21,5	91,5	12 200*
100,0	12,9	77,8	9 700*

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 0 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	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
15,2	73,3	90,3	280 600*c							15,2
16,0	71,6	90,0	267 700*c							16,0
18,0	67,1	89,2	235 700*b							18,0
20,0	62,3	88,1	209 600*b	67,4	89,0	203 900*b				20,0
22,0	57,4	86,8	188 400*	62,6	87,9	183 300*b				22,0
24,0	52,0	85,2	170 900*	57,7	86,7	166 200*				24,0
26,0	46,2	83,2	156 000*	52,4	85,1	151 800*	65,7	87,8	141 000*b	26,0
28,0	39,7	80,9	143 300*	46,6	83,2	139 400*	60,9	86,7	129 500*b	28,0
30,0	32,0	77,8	132 100*	40,2	80,8	128 600*	55,8	85,3	119 500*	30,0
32,0	21,7	73,2	122 300*	32,6	77,8	119 200*	50,4	83,6	110 800*	32,0
34,0				22,5	73,4	110 700*	44,4	81,6	103 100*	34,0
36,0							37,6	79,0	96 200*	36,0
38,0							29,3	75,6	89 900*	38,0

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

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

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

Jib Oper. Rad. Meters	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
16,8	73,7	96,2	240 000*b							16,8
18,0	71,5	95,8	232 600*b							18,0
20,0	67,8	94,9	209 100*b	71,7	95,6	203 300*b				20,0
22,0	64,0	93,9	188 100*b	68,0	94,8	182 700*b				22,0
24,0	60,0	92,7	170 600*	64,2	93,8	165 700*				24,0
26,0	55,9	91,4	155 800*	60,3	92,6	151 300*				26,0
28,0	51,5	89,8	143 200*	56,1	91,3	139 100*	66,7	93,7	128 800*b	28,0
30,0	46,8	87,9	132 200*	51,8	89,7	128 400*	62,8	92,6	118 800*	30,0
32,0	41,6	85,6	122 700*	47,1	87,8	119 100*	58,8	91,4	110 200*	32,0
34,0	35,9	82,9	114 200*	42,0	85,6	110 900*	54,6	89,9	102 600*	34,0
36,0	29,0	79,4	106 600*	36,2	82,9	103 500*	50,1	88,2	95 700*	36,0
38,0	19,9	74,5	99 600*	29,5	79,5	96 900*	45,3	86,2	89 700*	38,0
40,0				20,6	74,7	90 800*	40,0	83,9	84 100	40,0
42,0							33,9	81,0	78 600	42,0
44,0							26,6	77,2	73 500	44,0

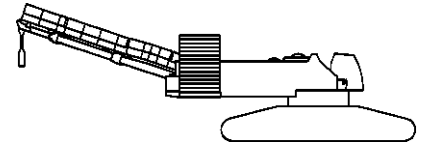
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
0 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	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
18,3	74,0	102,1	205 600*b							18,3
20,0	71,4	101,5	198 500*b							20,0
22,0	68,3	100,7	187 500*b	71,6	101,4	181 600*b				22,0
24,0	65,1	99,8	169 600*	68,5	100,6	164 400*				24,0
26,0	61,8	98,7	154 800*	65,3	99,6	150 100*				26,0
28,0	58,4	97,4	142 200*	62,0	98,6	137 900*				28,0
30,0	54,8	96,0	131 300*	58,6	97,3	127 300*				30,0
32,0	51,1	94,4	121 800*	55,0	95,9	118 100*	64,1	98,4	108 700*	32,0
34,0	47,1	92,5	113 400*	51,3	94,3	109 900*	60,8	97,3	101 200*	34,0
36,0	42,9	90,3	106 000*	47,4	92,4	102 700*	57,3	96,0	94 400*	36,0
38,0	38,2	87,8	99 200*	43,2	90,3	96 200*	53,7	94,5	88 400*	38,0
40,0	33,0	84,8	93 200*	38,5	87,8	90 300*	49,9	92,8	83 000	40,0
42,0	26,8	81,0	87 600*	33,3	84,8	85 000*	45,9	90,9	77 700	42,0
44,0	18,5	75,7	82 500*	27,2	81,1	79 900	41,5	88,6	72 800	44,0
46,0				19,2	75,9	74 900	36,7	86,0	68 300	46,0
48,0							31,3	82,8	64 300	48,0
50,0							24,6	78,6	60 500	50,0

61,0m (200 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
19,8	74,2	108,1	177 000*b							19,8
20,0	74,0	108,0	176 500*b							20,0
22,0	71,3	107,3	170 700*b							22,0
24,0	68,6	106,5	163 600*							24,0
26,0	65,9	105,6	154 100*	68,8	106,3	149 200*				26,0
28,0	63,0	104,5	141 400*	66,0	105,4	137 000*				28,0
30,0	60,1	103,4	130 600*	63,2	104,4	126 500*				30,0
32,0	57,1	102,1	121 100*	60,3	103,3	117 300*	67,8	105,2	107 600*	32,0
34,0	54,0	100,6	112 800*	57,3	102,0	109 200*	65,0	104,3	100 100*	34,0
36,0	50,8	98,9	105 400*	54,2	100,5	101 900*	62,2	103,2	93 400*	36,0
38,0	47,4	97,1	98 700*	51,0	98,9	95 500*	59,3	102,0	87 500*	38,0
40,0	43,8	95,0	92 700*	47,6	97,0	89 700*	56,2	100,6	82 100	40,0
42,0	39,9	92,6	87 300*	44,0	95,0	84 400*	53,1	99,1	77 000	42,0
44,0	35,6	89,9	82 300*	40,1	92,6	79 500	49,8	97,4	72 100	44,0
46,0	30,8	86,6	77 600	35,9	89,9	74 800	46,3	95,5	67 700	46,0
48,0	25,1	82,5	73 000	31,1	86,6	70 400	42,6	93,3	63 700	48,0
50,0	17,6	76,8	68 700	25,5	82,6	66 300	38,6	90,8	60 100	50,0
52,0				18,1	77,1	62 500	34,2	87,9	56 700	52,0
54,0							29,2	84,5	53 500	54,0
56,0							23,1	80,0	50 500	56,0

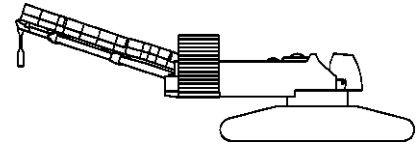
Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 0 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	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
21,3	74,4	113,9	154 000*b							21,3
22,0	73,6	113,7	152 400*b							22,0
24,0	71,3	113,1	147 300*							24,0
26,0	68,9	112,3	141 800*	71,4	112,9	147 800*				26,0
28,0	66,5	111,4	135 900*	69,0	112,1	135 700*				28,0
30,0	64,0	110,4	129 100*	66,6	111,2	125 100*				30,0
32,0	61,5	109,3	119 900*	64,2	110,2	116 000*				32,0
34,0	58,9	108,1	111 600*	61,6	109,2	107 900*				34,0
36,0	56,2	106,7	104 200*	59,0	107,9	100 700*	65,7	110,1	91 900*	36,0
38,0	53,5	105,2	97 600*	56,4	106,6	94 300*	63,2	109,1	86 000*	38,0
40,0	50,6	103,6	91 600*	53,6	105,1	88 500*	60,7	107,9	80 600*	40,0
42,0	47,6	101,7	86 300*	50,8	103,5	83 300*	58,1	106,7	75 700	42,0
44,0	44,4	99,7	81 300*	47,8	101,6	78 500*	55,4	105,3	70 800	44,0
46,0	41,1	97,4	76 800	44,6	99,6	73 800	52,6	103,7	66 500	46,0
48,0	37,4	94,8	72 300	41,3	97,3	69 500	49,7	102,0	62 500	48,0
50,0	33,5	91,8	68 200	37,7	94,8	65 600	46,7	100,1	58 900	50,0
52,0	29,0	88,3	64 400	33,7	91,8	61 900	43,4	98,0	55 600	52,0
54,0	23,7	83,9	60 900	29,3	88,3	58 500	40,0	95,6	52 500	54,0
56,0	16,8	78,0	57 500	24,1	84,1	55 400	36,3	92,9	49 700	56,0
58,0				17,3	78,3	52 300	32,2	89,8	47 000	58,0
60,0							27,5	86,1	44 500	60,0
62,0							21,9	81,4	42 100	62,0
64,0							14,0	74,6	39 800	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

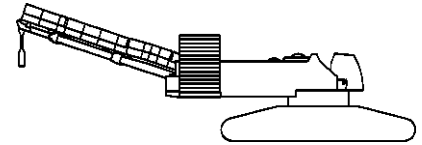
145 150 kg Carbody Counterweight

0 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	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. Meters	Luffing Jib Capacity Kilograms	
22,9	74,5	119,9	134 300*							22,9
24,0	73,3	119,5	132 100*							24,0
26,0	71,2	118,8	128 100*							26,0
28,0	69,1	118,0	123 800*	71,4	118,7	133 600*				28,0
30,0	66,9	117,2	119 200*	69,2	117,9	124 300*				30,0
32,0	64,7	116,2	114 400*	67,1	117,0	115 000*				32,0
34,0	62,5	115,2	109 500*	64,9	116,1	106 900*				34,0
36,0	60,2	114,0	103 600*	62,7	115,0	99 700*				36,0
38,0	57,9	112,7	96 700*	60,4	113,9	93 300*	66,3	115,9	84 800*	38,0
40,0	55,5	111,3	90 800*	58,0	112,6	87 600*	64,1	114,9	79 500*	40,0
42,0	53,0	109,8	85 400*	55,6	111,2	82 400*	61,8	113,8	74 600	42,0
44,0	50,4	108,2	80 500*	53,1	109,7	77 600*	59,5	112,6	69 800	44,0
46,0	47,7	106,3	76 000	50,6	108,1	73 100	57,2	111,3	65 500	46,0
48,0	44,9	104,3	71 700	47,9	106,2	68 800	54,7	109,9	61 600	48,0
50,0	42,0	102,1	67 600	45,1	104,2	64 900	52,2	108,3	58 000	50,0
52,0	38,8	99,6	63 800	42,2	102,1	61 200	49,6	106,6	54 700	52,0
54,0	35,4	96,8	60 400	39,0	99,6	57 900	46,9	104,7	51 600	54,0
56,0	31,7	93,7	57 200	35,7	96,8	54 800	44,1	102,7	48 800	56,0
58,0	27,5	89,9	54 200	32,0	93,7	51 900	41,1	100,4	46 200	58,0
60,0	22,6	85,3	51 400	27,8	90,0	49 200	37,8	97,8	43 700	60,0
62,0	16,2	79,2	48 700	22,9	85,5	46 700	34,4	94,9	41 500	62,0
64,0				16,6	79,4	44 300	30,5	91,6	39 300	64,0
66,0							26,1	87,7	37 300	66,0
68,0							20,9	82,7	35 300	68,0
70,0							13,6	75,6	33 400	70,0