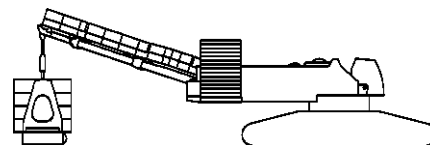


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

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 do not exceed 75% of a static tipping load. 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.

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 112 400 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.		

Boom and/or Jib Catwalks Deduct

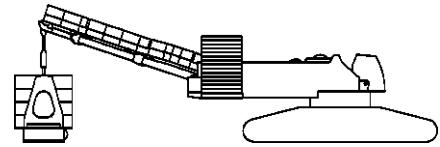
Deduct 600 kg from capacities when boom and/or jib catwalks are attached.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**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				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
16,8	72,3	77,8	213 800	334 600*b													16,8
18,0	69,5	77,3	195 600	313 700*b													18,0
20,0	64,9	76,3	170 900	282 000*b													20,0
22,0	60,0	75,2	151 300	255 600*													22,0
24,0	54,9	73,7	135 300	233 500*													24,0
26,0	49,4	72,0	121 900	214 700*	60,6	74,6	110 200	207 100*									26,0
28,0	43,3	69,9	110 500	198 400*	55,5	73,2	99 900	191 400*									28,0
30,0	36,3	67,2	100 600	184 300*	50,0	71,5	91 000	177 800*									30,0
32,0	27,7	63,6	91 800	160 600*	44,0	69,4	83 200	165 400*	55,9	72,3	74 200	159 000*					32,0
34,0					37,2	66,8	76 300	154 300*	50,4	70,6	68 000	148 400*					34,0
36,0					28,8	63,4	70 100	144 400*	44,5	68,6	62 500	139 000*					36,0
38,0					16,2	57,7	64 100	133 200*	37,7	66,0	57 600	130 600*	50,5	69,3	50 300	125 400*	38,0
40,0									29,5	62,6	52 900	122 800*	44,6	67,2	46 300	118 200*	40,0
42,0									17,5	57,3	48 500	115 600*	37,8	64,7	42 700	111 500*	42,0
44,0													29,7	61,3	39 200	105 400*	44,0

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

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	72,9	83,7	191 600	298 500*b													18,3
20,0	69,8	83,1	171 000	281 900*b													20,0
22,0	66,0	82,2	151 300	255 000*b													22,0
24,0	62,1	81,1	135 300	233 000*													24,0
26,0	58,1	79,8	122 000	214 300*	66,4	81,6	109 700	206 300*									26,0
28,0	53,8	78,3	110 700	198 200*	62,6	80,5	99 500	190 700*									28,0
30,0	49,3	76,6	101 000	184 100*	58,5	79,3	90 700	177 200*									30,0
32,0	44,4	74,5	92 500	171 600*	54,3	77,8	83 000	164 900*	62,8	79,6	73 300	158 200*					32,0
34,0	39,0	72,1	85 100	160 200*	49,8	76,1	76 300	154 000*	58,8	78,3	67 300	147 700*					34,0
36,0	32,8	69,1	78 400	150 000*	45,0	74,1	70 300	144 300*	54,6	76,9	62 000	138 400*					36,0
38,0	25,2	65,0	72 400	132 000*	39,7	71,7	64 900	135 500*	50,2	75,2	57 200	130 100*					38,0
40,0					33,6	68,8	60 000	127 700*	45,4	73,2	52 800	122 600*	54,7	75,6	45 500	117 400*	40,0
42,0					26,1	64,9	55 500	120 500*	40,1	70,9	48 900	115 700*	50,3	73,9	42 100	110 900*	42,0
44,0					15,1	58,8	51 100	110 600*	34,0	68,0	45 200	109 500*	45,5	71,9	38 900	104 900*	44,0
46,0									26,7	64,2	41 800	103 700*	40,2	69,5	35 900	99 500*	46,0
48,0									16,2	58,4	38 400	98 300*	34,2	66,6	33 200	94 400*	48,0
50,0													26,9	62,9	30 500	89 700*	50,0

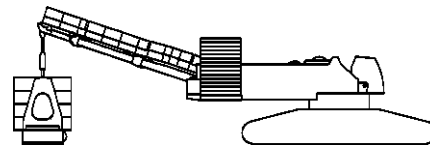
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



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

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	71,0	89,1	156 500	258 500*													21,3
22,0	69,9	88,8	150 700	252 100*													22,0
24,0	66,8	87,9	134 400	232 100*													24,0
26,0	63,5	86,9	121 100	213 100*													26,0
28,0	60,2	85,8	109 800	197 000*													28,0
30,0	56,7	84,4	100 100	183 000*	63,9	86,4	89 300	175 900*									30,0
32,0	53,1	82,9	91 700	170 700*	60,6	85,2	81 600	163 600*									32,0
34,0	49,3	81,2	84 300	159 300*	57,1	83,9	74 900	152 700*									34,0
36,0	45,2	79,2	77 800	149 300*	53,5	82,4	69 000	143 100*	60,8	84,3	60 300	137 000*					36,0
38,0	40,8	76,9	72 000	140 300*	49,7	80,7	63 800	134 500*	57,4	83,0	55 500	128 700*					38,0
40,0	35,9	74,1	66 700	132 100*	45,6	78,7	59 000	126 700*	53,8	81,5	51 300	121 200*					40,0
42,0	30,2	70,8	61 900	124 000*	41,3	76,5	54 700	119 600*	50,0	79,8	47 400	114 500*					42,0
44,0	23,3	66,4	57 500	107 100*	36,4	73,8	50 800	113 200*	45,9	77,9	44 000	108 300*	53,8	80,2	37 100	103 500*	44,0
46,0					30,9	70,5	47 200	107 300*	41,6	75,6	40 700	102 700*	50,1	78,5	34 200	98 100*	46,0
48,0					24,2	66,3	43 800	101 800*	36,8	73,0	37 800	97 600*	46,0	76,5	31 600	93 200*	48,0
50,0					14,4	59,8	40 400	91 600*	31,3	69,8	35 000	92 700*	41,7	74,3	29 200	88 600*	50,0
52,0									24,7	65,7	32 400	88 300*	36,9	71,7	27 000	84 400*	52,0
54,0									15,3	59,5	29 700	84 000*	31,5	68,5	24 800	80 500*	54,0
56,0													24,9	64,4	22 700	76 700*	56,0

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

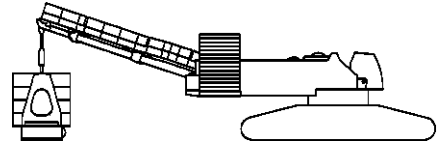


Liftcrane Luffing Jib Capacities

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



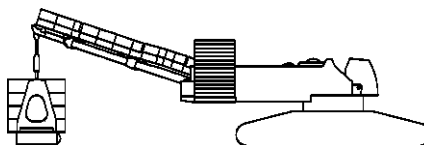
48,8m (160 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	71,6	95,0	142 600	227 500*													22,9
24,0	70,1	94,6	134 000	223 800*													24,0
26,0	67,3	93,7	120 400	212 300*													26,0
28,0	64,6	92,8	109 100	196 100*													28,0
30,0	61,7	91,7	99 400	182 200*													30,0
32,0	58,8	90,4	91 100	169 900*	64,9	92,2	80 600	162 600*									32,0
34,0	55,7	89,1	83 800	158 600*	62,0	91,1	74 000	151 800*									34,0
36,0	52,5	87,5	77 200	148 600*	59,1	89,9	68 100	142 200*									36,0
38,0	49,2	85,8	71 500	139 700*	56,0	88,6	62 900	133 600*									38,0
40,0	45,7	83,8	66 300	131 600*	52,9	87,0	58 200	125 900*	59,3	89,0	50 100	120 200*					40,0
42,0	42,0	81,6	61 600	124 300*	49,6	85,3	54 000	118 900*	56,3	87,6	46 300	113 500*					42,0
44,0	37,9	79,1	57 300	117 600*	46,1	83,4	50 100	112 500*	53,1	86,1	42 900	107 400*					44,0
46,0	33,4	76,1	53 400	111 500*	42,4	81,2	46 600	106 700*	49,8	84,4	39 800	101 800*	56,3	86,3	33 000	97 100*	46,0
48,0	28,2	72,5	49 800	103 800*	38,4	78,7	43 400	101 400*	46,4	82,5	36 900	96 800*	53,2	84,8	30 400	92 200*	48,0
50,0	21,9	67,8	46 300	88 300*	33,9	75,8	40 400	96 400*	42,7	80,3	34 200	92 000*	49,9	83,1	28 100	87 700*	50,0
52,0					28,9	72,2	37 600	91 800*	38,7	77,8	31 800	87 700*	46,4	81,2	25 900	83 500*	52,0
54,0					22,7	67,7	34 900	87 600*	34,3	75,0	29 500	83 600*	42,8	79,0	23 900	79 700*	54,0
56,0					13,8	60,9	32 200	77 800*	29,3	71,5	27 300	79 800*	38,8	76,5	22 000	76 000*	56,0
58,0									23,2	67,1	25 200	76 200*	34,4	73,6	20 200	72 700*	58,0
60,0									14,6	60,6	23 000	72 800*	29,4	70,2	18 500	69 500*	60,0
62,0													23,3	65,8	16 800	66 500*	62,0
64,0													14,9	59,3	15 100	63 600*	64,0

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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**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				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	72,1	101,0	129 800	196 600*													24,4
26,0	70,2	100,3	119 200	191 800*													26,0
28,0	67,8	99,5	107 900	185 000*													28,0
30,0	65,3	98,6	98 200	177 700*													30,0
32,0	62,8	97,5	89 800	168 600*													32,0
34,0	60,3	96,4	82 400	157 400*	65,6	98,0	72 300	150 400*									34,0
36,0	57,6	95,1	76 000	147 400*	63,1	97,0	66 500	140 800*									36,0
38,0	54,9	93,7	70 200	138 500*	60,6	95,8	61 200	132 200*									38,0
40,0	52,1	92,1	65 100	130 400*	57,9	94,6	56 600	124 500*									40,0
42,0	49,2	90,4	60 400	123 200*	55,2	93,2	52 400	117 600*	60,7	94,9	44 500	112 000*					42,0
44,0	46,1	88,4	56 200	116 600*	52,4	91,6	48 600	111 300*	58,1	93,7	41 100	105 900*					44,0
46,0	42,9	86,3	52 300	110 500*	49,5	89,9	45 200	105 400*	55,4	92,2	38 000	100 400*					46,0
48,0	39,4	83,9	48 800	104 900*	46,5	88,0	42 000	100 200*	52,6	90,7	35 100	95 300*					48,0
50,0	35,6	81,1	45 500	99 000*	43,2	85,9	39 000	95 300*	49,7	89,0	32 500	90 700*	55,5	90,9	26 100	86 100*	50,0
52,0	31,4	77,9	42 500	93 300*	39,8	83,5	36 300	90 800*	46,7	87,1	30 100	86 300*	52,7	89,4	24 000	82 000*	52,0
54,0	26,6	74,0	39 600	86 300*	36,1	80,8	33 800	86 600*	43,5	85,0	27 900	82 300*	49,8	87,7	22 000	78 200*	54,0
56,0	20,8	69,1	36 900	73 100*	31,9	77,6	31 400	82 700*	40,1	82,6	25 800	78 600*	46,8	85,8	20 200	74 600*	56,0
58,0					27,2	73,8	29 200	79 000*	36,3	79,9	23 800	75 100*	43,6	83,7	18 500	71 300*	58,0
60,0					21,5	69,1	27 000	75 500*	32,2	76,8	22 000	71 800*	40,1	81,3	16 800	68 200*	60,0
62,0					13,4	62,0	24 800	66 400*	27,6	73,1	20 200	68 800*	36,4	78,6	15 300	65 300*	62,0
64,0									22,0	68,4	18 500	65 900*	32,3	75,5	13 800	62 500*	64,0
66,0									14,1	61,7	16 700	63 000*	27,7	71,8	12 400	59 900*	66,0
68,0													22,1	67,2	11 100	57 400*	68,0
70,0													14,3	60,4	9 600	55 000*	70,0

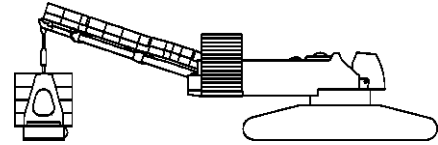


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



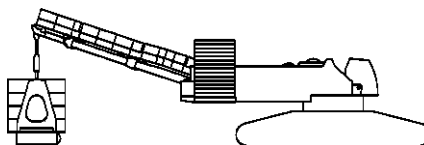
48,8m (160 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	72,4	106,9	118 900	169 900*													25,9
26,0	72,3	106,8	118 300	169 700*													26,0
28,0	70,2	106,1	106 900	165 300*													28,0
30,0	68,1	105,3	97 200	160 200*													30,0
32,0	65,9	104,4	88 800	154 800*													32,0
34,0	63,7	103,4	81 500	149 000*													34,0
36,0	61,4	102,3	75 000	142 800*	66,2	103,8	65 300	139 800*									36,0
38,0	59,1	101,1	69 300	136 600*	63,9	102,8	60 100	131 200*									38,0
40,0	56,8	99,7	64 100	129 600*	61,7	101,7	55 400	123 500*									40,0
42,0	54,3	98,3	59 500	122 300*	59,4	100,5	51 200	116 600*									42,0
44,0	51,8	96,7	55 300	115 700*	57,0	99,2	47 500	110 300*									44,0
46,0	49,2	95,0	51 400	109 700*	54,6	97,8	44 000	104 500*	59,6	99,6	36 600	99 300*					46,0
48,0	46,4	93,1	47 900	104 200*	52,1	96,2	40 800	99 200*	57,2	98,3	33 800	94 300*					48,0
50,0	43,6	91,0	44 700	98 600*	49,5	94,5	38 000	94 400*	54,8	96,9	31 300	89 600*					50,0
52,0	40,5	88,6	41 700	92 900*	46,7	92,6	35 300	89 900*	52,3	95,3	28 900	85 300*	57,2	96,9	22 600	80 900*	52,0
54,0	37,3	86,0	39 000	87 700*	43,9	90,5	32 800	85 700*	49,7	93,6	26 700	81 400*	54,8	95,5	20 600	77 100*	54,0
56,0	33,7	83,1	36 400	82 900*	40,9	88,2	30 500	81 900*	46,9	91,7	24 600	77 700*	52,3	94,0	18 800	73 500*	56,0
58,0	29,8	79,6	34 000	78 300*	37,6	85,7	28 300	78 200*	44,1	89,7	22 700	74 200*	49,7	92,3	17 100	70 300*	58,0
60,0	25,3	75,6	31 600	72 300*	34,1	82,7	26 300	74 900*	41,1	87,4	20 900	71 000*	47,0	90,4	15 600	67 100*	60,0
62,0	19,8	70,4	29 400	61 300*	30,3	79,4	24 400	71 700*	37,9	84,8	19 200	68 000*	44,2	88,3	14 100	64 300*	62,0
64,0	11,9	62,6	27 200	49 200*	25,9	75,4	22 500	68 700*	34,4	81,9	17 600	65 100*	41,2	86,0	12 700	61 600*	64,0
66,0					20,5	70,4	20 800	65 400*	30,6	78,6	16 100	62 400*	38,0	83,5	11 300	59 000*	66,0
68,0					13,0	63,1	19 000	56 300*	26,2	74,7	14 600	59 900*	34,5	80,6	10 100	56 600*	68,0
70,0									21,0	69,8	13 200	57 400*	30,7	77,3	8 900	54 300*	70,0
72,0									13,7	62,7	11 700	54 800*	26,3	73,4	7 700	52 100*	72,0
74,0													21,1	68,5	6 500	50 000*	74,0
76,0													13,9	61,5	5 300	48 000*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**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				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	72,7	112,8	108 600	147 200*													27,4
28,0	72,2	112,6	105 700	146 300*													28,0
30,0	70,3	111,9	95 800	142 900*													30,0
32,0	68,4	111,1	87 400	139 100*													32,0
34,0	66,4	110,2	80 000	135 000*													34,0
36,0	64,4	109,2	73 600	130 500*													36,0
38,0	62,4	108,2	67 800	125 800*													38,0
40,0	60,3	107,0	62 700	121 100*	64,6	108,7	53 700	122 000*									40,0
42,0	58,2	105,7	58 000	116 100*	62,6	107,6	49 500	115 100*									42,0
44,0	56,0	104,4	53 800	111 300*	60,5	106,5	45 700	108 800*									44,0
46,0	53,8	102,9	50 000	106 500*	58,4	105,2	42 300	103 100*									46,0
48,0	51,5	101,3	46 500	101 700*	56,3	103,9	39 200	97 800*	60,7	105,5	31 900	92 700*					48,0
50,0	49,2	99,6	43 300	97 200*	54,1	102,4	36 300	93 000*	58,6	104,3	29 400	88 100*					50,0
52,0	46,7	97,7	40 400	91 800*	51,8	100,8	33 600	88 500*	56,4	102,9	27 000	83 800*					52,0
54,0	44,1	95,6	37 600	86 600*	49,4	99,1	31 200	84 400*	54,2	101,5	24 800	79 900*					54,0
56,0	41,4	93,4	35 100	81 800*	47,0	97,2	28 900	80 600*	52,0	99,9	22 800	76 200*	56,5	101,6	16 800	72 000*	56,0
58,0	38,6	90,9	32 700	77 500*	44,4	95,2	26 800	77 000*	49,6	98,2	20 900	72 800*	54,3	100,1	15 100	68 700*	58,0
60,0	35,5	88,1	30 500	73 400*	41,7	92,9	24 800	73 600*	47,2	96,3	19 200	69 600*	52,0	98,6	13 600	65 600*	60,0
62,0	32,2	84,9	28 400	69 600*	38,9	90,5	23 000	70 500*	44,6	94,3	17 500	66 600*	49,6	96,9	12 200	62 800*	62,0
64,0	28,5	81,3	26 400	65 700*	35,8	87,7	21 200	67 500*	41,9	92,1	16 000	63 800*	47,2	95,0	10 800	60 100*	64,0
66,0	24,2	77,1	24 500	60 300*	32,5	84,6	19 500	64 800*	39,1	89,6	14 500	61 100*	44,7	93,0	9 500	57 600*	66,0
68,0	19,1	71,7	22 700	51 100*	28,9	81,1	17 900	62 100*	36,1	86,9	13 100	58 700*	42,0	90,7	8 300	55 200*	68,0
70,0	11,7	63,7	20 800	41 000*	24,7	76,9	16 400	59 600*	32,8	83,8	11 800	56 300*	39,1	88,3	7 100	53 000*	70,0
72,0					19,7	71,7	14 900	56 600*	29,2	80,3	10 500	54 000*	36,1	85,6	6 100	50 800*	72,0
74,0					12,8	64,2	13 400	47 100*	25,1	76,2	9 300	51 900*	32,9	82,5	5 000	48 800*	74,0
76,0									20,1	71,1	8 000	49 800*	29,2	79,0	3 900	46 900*	76,0
78,0									13,4	63,8	6 800	47 400*	25,1	74,9	2 900	45 000*	78,0
80,0													20,2	69,8	2 000	43 200*	80,0

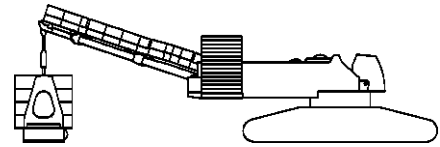


Liftcrane Luffing Jib Capacities

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



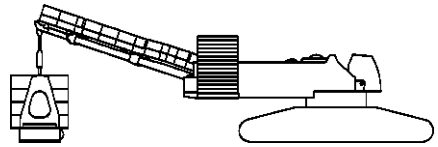
48,8m (160 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	73,0	118,7	99 700	126 800*													29,0
30,0	72,1	118,4	94 800	126 400*													30,0
32,0	70,3	117,6	86 300	124 200*													32,0
34,0	68,6	116,8	78 900	121 300*													34,0
36,0	66,8	116,0	72 400	118 100*													36,0
38,0	65,0	115,0	66 700	114 700*													38,0
40,0	63,2	114,0	61 500	111 200*	67,0	115,4	52 400	120 900*									40,0
42,0	61,3	112,9	56 900	107 500*	65,2	114,5	48 200	114 000*									42,0
44,0	59,4	111,7	52 700	103 700*	63,4	113,4	44 400	107 700*									44,0
46,0	57,4	110,4	48 900	99 800*	61,5	112,3	41 000	102 000*									46,0
48,0	55,4	109,0	45 400	96 000*	59,6	111,2	37 900	96 800*									48,0
50,0	53,4	107,5	42 200	92 200*	57,7	109,9	35 000	91 900*	61,6	111,4	27 900	87 000*					50,0
52,0	51,3	105,9	39 200	88 500*	55,7	108,5	32 400	87 500*	59,7	110,2	25 600	82 700*					52,0
54,0	49,1	104,2	36 500	84 900*	53,6	107,0	30 000	83 400*	57,8	108,9	23 400	78 700*					54,0
56,0	46,9	102,3	34 000	81 000*	51,5	105,4	27 700	79 500*	55,8	107,6	21 400	75 100*					56,0
58,0	44,6	100,3	31 600	76 600*	49,4	103,7	25 600	76 000*	53,8	106,1	19 600	71 700*	57,8	107,6	13 600	67 500*	58,0
60,0	42,1	98,1	29 500	72 500*	47,2	101,8	23 600	72 700*	51,7	104,5	17 800	68 500*	55,9	106,2	12 100	64 400*	60,0
62,0	39,6	95,6	27 400	68 800*	44,8	99,8	21 800	69 500*	49,5	102,8	16 200	65 600*	53,8	104,7	10 700	61 600*	62,0
64,0	36,9	93,0	25 400	65 300*	42,4	97,6	20 100	66 600*	47,3	101,0	14 700	62 700*	51,7	103,2	9 300	59 000*	64,0
66,0	34,0	90,1	23 600	62 000*	39,9	95,2	18 400	63 800*	45,0	98,9	13 200	60 100*	49,6	101,4	8 100	56 400*	66,0
68,0	30,8	86,7	21 900	58 700*	37,2	92,6	16 900	61 200*	42,6	96,8	11 800	57 600*	47,4	99,6	6 900	54 100*	68,0
70,0	27,3	83,0	20 200	55 500*	34,3	89,7	15 400	58 800*	40,1	94,4	10 500	55 300*	45,1	97,6	5 800	51 900*	70,0
72,0	23,3	78,5	18 600	50 500*	31,2	86,5	14 000	56 500*	37,4	91,8	9 300	53 100*	42,6	95,4	4 700	49 800*	72,0
74,0	18,4	72,9	17 100	42 800*	27,7	82,7	12 700	54 200*	34,5	88,9	8 200	51 000*	40,1	93,1	3 700	47 800*	74,0
76,0	11,6	64,8	15 500	34 100*	23,8	78,4	11 400	52 100*	31,4	85,7	7 000	49 000*	37,4	90,5	2 700	45 900*	76,0
78,0					19,0	72,9	10 100	48 900*	28,0	82,0	5 900	47 000*	34,6	87,6	1 800	44 100*	78,0
80,0									24,1	77,7	4 900	45 200*	31,5	84,4	900	42 100*	80,0
84,0									13,1	64,9	2 800	41 400*	24,2	76,4		38 400*	84,0
88,0													13,3	63,7		34 900*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**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				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	72,0	124,1	84 800	109 000*													32,0
34,0	70,4	123,4	77 400	108 200*													34,0
36,0	68,8	122,6	70 900	105 800*													36,0
38,0	67,1	121,7	65 100	103 400*													38,0
40,0	65,5	120,8	60 000	100 800*													40,0
42,0	63,8	119,8	55 400	98 100*													42,0
44,0	62,1	118,8	51 100	95 200*	65,7	120,3	42 700	104 000*									44,0
46,0	60,4	117,6	47 300	92 200*	64,0	119,3	39 200	100 700*									46,0
48,0	58,6	116,4	43 800	88 600*	62,3	118,2	36 100	95 300*									48,0
50,0	56,8	115,1	40 700	85 100*	60,5	117,1	33 300	90 500*									50,0
52,0	54,9	113,7	37 700	81 600*	58,8	115,8	30 700	86 100*	62,4	117,3	23 700	81 100*					52,0
54,0	53,1	112,1	35 000	78 300*	57,0	114,5	28 200	82 000*	60,7	116,1	21 500	77 200*					54,0
56,0	51,1	110,5	32 500	75 000*	55,1	113,1	26 000	78 200*	58,9	114,9	19 500	73 600*					56,0
58,0	49,1	108,8	30 100	71 800*	53,3	111,6	23 900	74 600*	57,1	113,6	17 700	70 200*					58,0
60,0	47,1	106,9	28 000	68 700*	51,3	110,0	22 000	71 300*	55,3	112,2	15 900	67 000*					60,0
62,0	44,9	104,9	26 000	65 700*	49,4	108,3	20 100	68 200*	53,4	110,7	14 300	64 100*					62,0
64,0	42,7	102,7	24 000	62 800*	47,3	106,5	18 400	65 300*	51,5	109,1	12 800	61 300*	55,3	110,9	7 300	57 400*	64,0
66,0	40,4	100,4	22 200	60 000*	45,2	104,5	16 800	62 600*	49,5	107,4	11 400	58 700*	53,4	109,4	6 100	54 900*	66,0
68,0	38,0	97,8	20 500	57 400*	43,0	102,3	15 300	60 000*	47,5	105,6	10 100	56 200*	51,5	107,8	4 900	52 600*	68,0
70,0	35,4	95,1	18 900	54 700*	40,7	100,0	13 800	57 500*	45,3	103,6	8 800	53 900*	49,5	106,1	3 800	50 400*	70,0
72,0	32,6	92,0	17 400	52 000*	38,2	97,5	12 500	55 200*	43,1	101,4	7 600	51 700*	47,5	104,2	2 800	48 300*	72,0
74,0	29,6	88,5	15 900	49 200*	35,7	94,7	11 200	53 000*	40,8	99,1	6 500	49 600*	45,4	102,2	1 800	46 300*	74,0
76,0	26,3	84,5	14 500	46 600*	32,9	91,7	10 000	50 900*	38,4	96,6	5 400	47 700*	43,2	100,1	900	44 200*	76,0
78,0	22,5	79,9	13 100	41 800*	30,0	88,2	8 800	49 000*	35,9	93,9	4 300	45 800*	40,9	97,8		42 200*	78,0
80,0	17,9	74,1	11 800	35 200*	26,7	84,3	7 600	47 000*	33,1	90,8	3 300	44 000*	38,5	95,3		40 200*	80,0
84,0					18,4	74,2	5 400	40 700*	26,9	83,6	1 500	40 600*	33,2	89,5		36 700*	84,0
88,0									18,8	73,6		37 100*	27,0	82,3		33 400*	88,0
92,0													18,9	72,3		30 300*	92,0

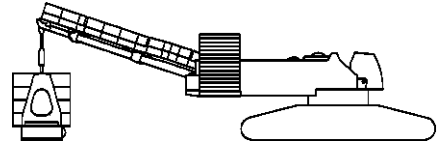


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



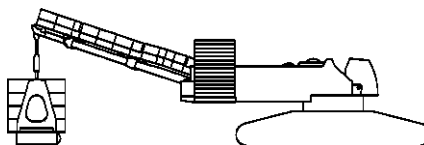
48,8m (160 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	72,2	130,0	77 900	94 100*													33,5
34,0	71,9	129,9	76 300	94 000*													34,0
36,0	70,4	129,1	69 700	93 700*													36,0
38,0	68,9	128,4	63 900	92 600*													38,0
40,0	67,4	127,5	58 800	90 700*													40,0
42,0	65,9	126,6	54 100	88 700*													42,0
44,0	64,3	125,7	49 900	86 600*													44,0
46,0	62,8	124,6	46 100	83 500*	66,0	126,1	37 900	89 600*									46,0
48,0	61,2	123,5	42 600	80 200*	64,5	125,1	34 700	88 000*									48,0
50,0	59,6	122,3	39 400	77 000*	62,9	124,1	31 900	84 700*									50,0
52,0	57,9	121,1	36 500	73 800*	61,3	123,0	29 200	81 500*									52,0
54,0	56,2	119,7	33 800	70 500*	59,7	121,8	26 800	78 300*									54,0
56,0	54,5	118,3	31 300	67 500*	58,1	120,5	24 600	75 100*	61,5	122,0	18 000	72 400*					56,0
58,0	52,8	116,7	28 900	64 500*	56,4	119,2	22 500	71 900*	59,8	120,8	16 200	69 000*					58,0
60,0	51,0	115,1	26 700	61 600*	54,7	117,8	20 600	68 800*	58,2	119,6	14 500	65 900*					60,0
62,0	49,1	113,4	24 700	58 800*	53,0	116,2	18 800	65 800*	56,5	118,3	12 900	62 900*					62,0
64,0	47,2	111,5	22 800	56 000*	51,2	114,6	17 100	62 800*	54,8	116,8	11 400	60 200*					64,0
66,0	45,3	109,5	21 000	53 400*	49,3	112,9	15 500	59 900*	53,1	115,3	10 000	57 600*	56,6	116,9	4 600	53 700*	66,0
68,0	43,2	107,4	19 300	50 800*	47,4	111,1	14 000	57 100*	51,3	113,7	8 600	55 100*	54,9	115,5	3 400	51 400*	68,0
70,0	41,1	105,1	17 700	48 300*	45,5	109,1	12 500	54 400*	49,5	112,0	7 400	52 800*	53,1	114,0	2 300	49 200*	70,0
72,0	38,9	102,7	16 200	46 000*	43,5	107,0	11 200	51 800*	47,6	110,2	6 200	50 600*	51,3	112,4	1 300	47 000*	72,0
74,0	36,6	100,0	14 800	43 700*	41,3	104,7	9 900	49 300*	45,6	108,2	5 100	48 600*	49,5	110,7	300	44 800*	74,0
76,0	34,1	97,0	13 400	41 500*	39,1	102,3	8 700	46 900*	43,6	106,1	4 000	46 600*	47,6	108,8		42 700*	76,0
78,0	31,5	93,8	12 100	39 400*	36,8	99,6	7 600	44 500*	41,5	103,8	3 000	44 700*	45,7	106,9		40 700*	78,0
80,0	28,6	90,2	10 900	37 400*	34,4	96,7	6 400	42 300*	39,3	101,4	2 000	42 900*	43,6	104,8		38 800*	80,0
84,0	21,8	81,3	8 500	33 500*	28,9	89,9	4 300	38 100*	34,6	95,9		39 400*	39,4	100,1		35 200*	84,0
88,0	11,4	66,9	6 100	22 400*	22,2	81,2	2 400	34 200*	29,1	89,2		35 900*	34,6	94,6		32 000*	88,0
92,0									22,5	80,5		32 700*	29,2	87,9		29 000*	92,0
96,0									12,7	67,1		29 600*	22,6	79,2		26 200*	96,0
100,0													12,8	65,9		23 500*	100,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

48,8m (160 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

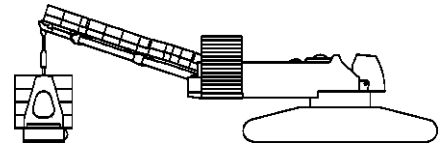
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	71,4	135,4	66 400	80 100*													36,6
38,0	70,4	134,9	62 400	79 800*													38,0
40,0	69,1	134,1	57 200	79 400*													40,0
42,0	67,6	133,3	52 600	78 200*													42,0
44,0	66,2	132,4	48 300	75 000*													44,0
46,0	64,8	131,5	44 500	72 100*													46,0
48,0	63,3	130,4	41 000	69 100*	66,4	131,9	33 000	75 300*									48,0
50,0	61,9	129,4	37 900	66 200*	65,0	130,9	30 100	72 900*									50,0
52,0	60,4	128,2	34 900	63 300*	63,5	129,9	27 500	70 000*									52,0
54,0	58,9	127,0	32 200	60 400*	62,0	128,8	25 100	67 100*									54,0
56,0	57,3	125,7	29 700	57 600*	60,5	127,7	22 900	64 200*									56,0
58,0	55,7	124,3	27 400	54 900*	59,0	126,5	20 800	61 300*	62,1	127,9	14 300	66 900*					58,0
60,0	54,1	122,9	25 200	52 200*	57,5	125,2	18 800	58 600*	60,6	126,7	12 500	64 200*					60,0
62,0	52,5	121,3	23 200	49 500*	55,9	123,8	17 000	55 800*	59,1	125,5	11 000	61 400*					62,0
64,0	50,8	119,7	21 300	47 000*	54,3	122,4	15 300	53 000*	57,6	124,3	9 500	58 700*					64,0
66,0	49,1	118,0	19 500	44 600*	52,7	120,9	13 700	50 400*	56,0	122,9	8 100	56 100*					66,0
68,0	47,3	116,1	17 800	42 300*	51,0	119,2	12 300	47 900*	54,4	121,5	6 800	53 400*					68,0
70,0	45,5	114,2	16 200	40 000*	49,3	117,5	10 900	45 400*	52,8	119,9	5 500	50 800*	56,1	121,5	300	47 300*	70,0
72,0	43,7	112,1	14 700	37 800*	47,5	115,7	9 500	43 000*	51,1	118,3	4 400	48 300*	54,5	120,1		45 000*	72,0
74,0	41,7	109,8	13 300	35 700*	45,7	113,7	8 300	40 700*	49,4	116,6	3 300	45 900*	52,8	118,6		42 800*	74,0
76,0	39,7	107,4	12 000	33 600*	43,9	111,6	7 100	38 500*	47,7	114,8	2 200	43 500*	51,2	117,0		40 700*	76,0
78,0	37,6	104,8	10 700	31 700*	41,9	109,4	5 900	36 300*	45,9	112,8	1 200	41 200*	49,5	115,2		38 700*	78,0
80,0	35,3	102,0	9 500	29 700*	39,9	107,0	4 900	34 200*	44,0	110,8		38 900*	47,7	113,4		36 800*	80,0
84,0	30,4	95,6	7 200	26 100*	35,6	101,7	2 800	30 400*	40,1	106,2		34 700*	44,0	109,4		33 300*	84,0
88,0	24,6	87,6	5 000	22 800*	30,7	95,3	900	26 700*	35,7	100,8		30 800*	40,1	104,8		30 100*	88,0
92,0	17,0	76,5	3 000	19 900*	25,0	87,4		23 400*	30,9	94,5		27 100*	35,8	99,5		27 200*	92,0
96,0					17,5	76,6		20 300*	25,2	86,7		23 700*	30,9	93,2		24 500*	96,0
100,0									17,8	76,1		20 700*	25,3	85,4		22 000*	100,0
104,0													17,9	74,8		19 600*	104,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



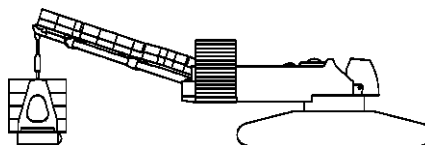
48,8m (160 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
39,6	70,7	140,8	56 900	68 900*													39,6
40,0	70,5	140,7	56 000	68 800*													40,0
42,0	69,2	139,9	51 300	68 400*													42,0
44,0	67,9	139,1	47 100	67 300*													44,0
46,0	66,5	138,2	43 200	64 700*													46,0
48,0	65,2	137,3	39 700	61 900*													48,0
50,0	63,8	136,3	36 500	59 100*	66,7	137,6	28 700	64 800*									50,0
52,0	62,5	135,2	33 600	56 500*	65,3	136,7	26 100	62 500*									52,0
54,0	61,1	134,1	30 900	53 800*	64,0	135,7	23 600	59 900*									54,0
56,0	59,7	132,9	28 400	51 200*	62,6	134,7	21 400	57 200*									56,0
58,0	58,2	131,7	26 100	48 600*	61,2	133,6	19 300	54 500*									58,0
60,0	56,8	130,4	23 900	46 100*	59,8	132,4	17 400	51 900*									60,0
62,0	55,3	129,0	21 900	43 600*	58,4	131,2	15 600	49 300*	61,3	132,6	9 400	54 400*					62,0
64,0	53,8	127,5	20 000	41 100*	57,0	129,9	13 900	46 800*	59,9	131,5	7 900	51 900*					64,0
66,0	52,3	125,9	18 200	38 800*	55,5	128,5	12 300	44 300*	58,5	130,2	6 600	49 400*					66,0
68,0	50,7	124,3	16 500	36 500*	54,0	127,0	10 900	41 800*	57,1	128,9	5 300	47 000*					68,0
70,0	49,1	122,6	14 900	34 300*	52,4	125,5	9 500	39 500*	55,6	127,5	4 000	44 500*					70,0
72,0	47,5	120,7	13 400	32 200*	50,9	123,8	8 100	37 200*	54,1	126,1	2 900	42 100*	57,1	127,6	43 400*		72,0
74,0	45,8	118,8	12 000	30 200*	49,3	122,1	6 900	34 900*	52,6	124,6	1 800	39 800*	55,6	126,2	41 200*		74,0
76,0	44,0	116,7	10 700	28 200*	47,6	120,3	5 700	32 800*	51,0	122,9	700	37 500*	54,1	124,7	39 100*		76,0
78,0	42,2	114,5	9 400	26 200*	46,0	118,3	4 600	30 700*	49,4	121,2		35 300*	52,6	123,2	37 200*		78,0
80,0	40,3	112,2	8 200	24 400*	44,2	116,3	3 500	28 600*	47,8	119,4		33 100*	51,0	121,6	35 300*		80,0
84,0	36,4	106,9	5 900	20 900*	40,5	111,8	1 500	24 900*	44,3	115,4		29 000*	47,8	118,0	31 800*		84,0
88,0	31,9	100,8	3 900	17 600*	36,6	106,6		21 300*	40,7	110,9		25 200*	44,4	114,1	28 600*		88,0
92,0	26,8	93,5	2 000	14 600*	32,2	100,5		18 100*	36,7	105,7		21 600*	40,7	109,6	25 300*		92,0
96,0	20,6	84,0	100	11 900*	27,1	93,2		15 000*	32,4	99,7		18 400*	36,8	104,4	21 800*		96,0
100,0	11,2	69,0		9 500*	21,0	83,9		12 300*	27,3	92,5		15 300*	32,4	98,4	18 500*		100,0
104,0									21,2	83,3		12 500*	27,4	91,2	15 500*		104,0
108,0									12,4	69,2		10 000*	21,3	82,0	12 700*		108,0
112,0													12,5	68,1	10 200*		112,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**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				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	70,1	83,5	191 600	306 900* b													18,3
20,0	66,1	82,7	171 000	280 200* b													20,0
22,0	61,4	81,6	151 400	254 000* b													22,0
24,0	56,3	80,2	135 300	232 000*													24,0
26,0	50,9	78,6	121 900	213 400*	63,2	81,3	108 300	204 500* b									26,0
28,0	45,0	76,5	110 500	197 200*	58,2	80,0	98 100	189 100*									28,0
30,0	38,3	74,0	100 600	183 100*	53,0	78,5	89 300	175 600*									30,0
32,0	30,2	70,7	92 000	170 500*	47,3	76,6	81 700	163 400*	59,9	79,3	71 000	156 000*					32,0
34,0					40,9	74,3	74 900	152 500*	54,8	77,9	65 100	145 600*					34,0
36,0					33,5	71,4	68 800	142 700*	49,2	76,1	59 800	136 400*					36,0
38,0					23,8	67,2	63 200	133 900*	43,1	74,0	55 100	128 100*					38,0
40,0									36,1	71,3	50 700	120 600*	50,8	75,1	42 800	115 100*	40,0
42,0									27,4	67,6	46 700	113 700*	44,9	73,1	39 400	108 600*	42,0
44,0									13,4	61,2	42 600	107 200*	38,1	70,6	36 200	102 700*	44,0
46,0													30,0	67,2	33 200	97 200*	46,0
48,0													18,5	62,1	30 200	92 000*	48,0

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

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	71,1	89,4	173 100	278 200* b													19,8
20,0	70,8	89,4	171 200	276 100* b													20,0
22,0	67,0	88,5	151 300	253 900* b													22,0
24,0	63,2	87,4	135 300	231 500*													24,0
26,0	59,2	86,2	122 000	212 900*													26,0
28,0	55,0	84,8	110 700	196 900*	64,6	87,1	97 600	188 400*									28,0
30,0	50,5	83,1	101 000	182 900*	60,7	86,0	88 800	174 900*									30,0
32,0	45,8	81,2	92 500	170 500*	56,6	84,6	81 300	162 800*									32,0
34,0	40,5	78,9	85 000	159 200*	52,2	83,1	74 700	152 000*	62,0	85,2	64 300	144 900*					34,0
36,0	34,6	76,0	78 400	149 100*	47,6	81,2	68 800	142 500*	58,0	83,9	59 100	135 700*					36,0
38,0	27,4	72,3	72 400	140 000*	42,5	79,0	63 600	133 800*	53,7	82,5	54 500	127 500*					38,0
40,0					36,9	76,4	58 800	126 000*	49,2	80,7	50 300	120 100*					40,0
42,0					30,3	73,1	54 400	119 000*	44,3	78,7	46 500	113 400*	54,9	81,3	38 500	107 900*	42,0
44,0					21,7	68,5	50 300	112 500*	38,9	76,2	43 000	107 300*	50,4	79,7	35 500	102 000*	44,0
46,0									32,6	73,2	39 800	101 700*	45,7	77,7	32 700	96 700*	46,0
48,0									24,9	69,1	36 800	96 500*	40,4	75,4	30 200	91 900*	48,0
50,0									12,7	62,3	33 600	91 500*	34,4	72,5	27 800	87 300*	50,0
52,0													27,2	68,8	25 500	83 100*	52,0
54,0													17,1	63,2	23 200	79 000*	54,0

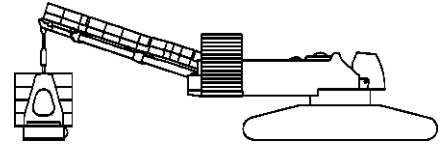
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



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

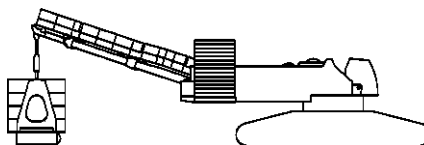
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	71,8	95,4	156 500	237 700*(b)													21,3
22,0	70,8	95,1	150 700	234 700*(b)													22,0
24,0	67,6	94,3	134 300	224 900*													24,0
26,0	64,4	93,3	120 900	211 800*													26,0
28,0	61,1	92,2	109 700	195 700*													28,0
30,0	57,7	90,9	100 000	181 700*	65,6	92,9	87 300	173 500*									30,0
32,0	54,1	89,4	91 600	169 500*	62,3	91,9	79 800	161 400*									32,0
34,0	50,3	87,7	84 200	158 300*	59,0	90,6	73 200	150 700*									34,0
36,0	46,3	85,8	77 700	148 300*	55,4	89,2	67 400	141 200*									36,0
38,0	42,0	83,6	71 900	139 400*	51,7	87,7	62 200	132 700*	60,1	89,9	52 700	126 000*					38,0
40,0	37,2	81,0	66 600	131 300*	47,8	85,8	57 600	125 000*	56,6	88,6	48 600	118 700*					40,0
42,0	31,8	77,8	61 800	124 000*	43,6	83,7	53 400	118 000*	53,0	87,1	44 900	112 100*					42,0
44,0	25,3	73,8	57 400	116 000*	39,1	81,3	49 600	111 700*	49,1	85,3	41 500	106 100*					44,0
46,0					33,9	78,4	46 000	105 900*	45,1	83,3	38 400	100 500*	54,0	85,9	30 800	95 200*	46,0
48,0					27,9	74,7	42 700	100 500*	40,6	81,0	35 600	95 500*	50,2	84,3	28 400	90 400*	48,0
50,0					20,2	69,8	39 600	95 500*	35,7	78,2	33 000	90 800*	46,2	82,3	26 200	86 000*	50,0
52,0									30,1	74,9	30 500	86 400*	41,9	80,1	24 100	81 900*	52,0
54,0									23,1	70,5	28 100	82 400*	37,1	77,5	22 100	78 000*	54,0
56,0									12,3	63,3	25 600	78 300*	31,7	74,3	20 200	74 500*	56,0
58,0													25,2	70,3	18 400	71 100*	58,0
60,0													16,1	64,3	16 500	67 800*	60,0

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

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

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	72,3	101,3	142 500	204 800*													22,9
24,0	70,8	100,9	133 800	200 900*													24,0
26,0	68,1	100,1	120 300	193 500*													26,0
28,0	65,3	99,1	109 000	185 300*													28,0
30,0	62,5	98,1	99 300	176 600*													30,0
32,0	59,5	96,8	90 900	167 700*	66,3	98,7	78 700	160 400*									32,0
34,0	56,5	95,5	83 600	157 700*	63,5	97,7	72 200	149 700*									34,0
36,0	53,4	94,0	77 100	147 600*	60,6	96,6	66 400	140 200*									36,0
38,0	50,1	92,3	71 300	138 700*	57,7	95,3	61 300	131 800*									38,0
40,0	46,7	90,4	66 100	130 700*	54,6	93,9	56 700	124 100*	61,6	95,8	47 300	117 700*					40,0
42,0	43,0	88,3	61 500	123 400*	51,4	92,2	52 600	117 200*	58,7	94,6	43 700	111 000*					42,0
44,0	39,0	85,8	57 200	116 900*	48,0	90,4	48 800	110 900*	55,6	93,2	40 400	105 100*					44,0
46,0	34,7	83,0	53 300	110 800*	44,4	88,4	45 300	105 200*	52,5	91,7	37 400	99 600*					46,0
48,0	29,7	79,6	49 700	105 200*	40,6	86,1	42 200	99 900*	49,1	89,9	34 600	94 600*	56,5	92,1	27 100	89 300*	48,0
50,0	23,8	75,3	46 300	96 300*	36,4	83,4	39 200	95 100*	45,6	87,9	32 100	90 000*	53,3	90,6	24 900	84 900*	50,0
52,0					31,6	80,2	36 500	90 500*	41,9	85,7	29 700	85 700*	50,1	88,9	22 900	80 900*	52,0
54,0					26,1	76,3	33 900	86 300*	37,8	83,2	27 500	81 800*	46,6	87,0	21 000	77 200*	54,0
56,0					19,1	71,0	31 400	82 400*	33,3	80,2	25 400	78 000*	42,9	84,8	19 200	73 600*	56,0
58,0									28,1	76,5	23 400	74 600*	38,9	82,4	17 500	70 400*	58,0
60,0									21,7	71,8	21 500	71 200*	34,6	79,5	15 900	67 300*	60,0
62,0									12,0	64,4	19 400	68 000*	29,6	76,1	14 400	64 400*	62,0
64,0													23,6	71,7	12 900	61 600*	64,0
66,0													15,3	65,4	11 400	59 000*	66,0

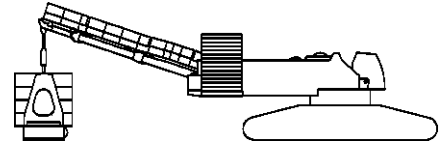


Liftcrane Luffing Jib Capacities

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



54,9m (180 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

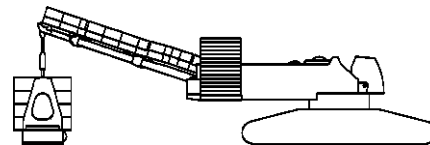
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	72,7	107,2	129 600	176 900*													24,4
26,0	70,8	106,6	119 000	172 900*													26,0
28,0	68,4	105,8	107 600	167 200*													28,0
30,0	66,0	104,9	97 900	161 000*													30,0
32,0	63,5	103,9	89 600	154 400*													32,0
34,0	61,0	102,8	82 200	147 500*	66,9	104,5	70 500	148 300*									34,0
36,0	58,3	101,5	75 800	140 500*	64,4	103,6	64 700	138 700*									36,0
38,0	55,7	100,1	70 000	133 600*	61,9	102,5	59 600	130 300*									38,0
40,0	52,9	98,6	64 900	126 900*	59,3	101,3	55 000	122 700*									40,0
42,0	50,0	96,9	60 200	120 400*	56,7	99,9	50 900	115 900*									42,0
44,0	47,0	95,1	56 000	114 200*	53,9	98,5	47 200	109 600*	60,2	100,5	38 500	103 500*					44,0
46,0	43,8	93,0	52 200	108 400*	51,1	96,8	43 800	103 900*	57,6	99,2	35 500	98 100*					46,0
48,0	40,4	90,6	48 600	103 000*	48,1	95,0	40 700	98 700*	54,9	97,8	32 700	93 100*					48,0
50,0	36,7	87,9	45 400	98 000*	45,0	93,0	37 800	93 800*	52,0	96,3	30 200	88 500*					50,0
52,0	32,6	84,9	42 400	93 600*	41,7	90,8	35 100	89 400*	49,1	94,5	28 000	84 300*	55,6	96,7	20 800	79 300*	52,0
54,0	28,0	81,2	39 500	89 000*	38,1	88,2	32 700	85 200*	46,0	92,6	25 800	80 400*	52,8	95,2	19 000	75 600*	54,0
56,0	22,5	76,6	36 800	80 000*	34,2	85,3	30 400	81 400*	42,8	90,4	23 800	76 700*	49,9	93,5	17 200	72 100*	56,0
58,0					29,8	81,9	28 200	77 800*	39,3	88,0	21 900	73 300*	46,9	91,6	15 700	68 900*	58,0
60,0					24,7	77,8	26 100	74 400*	35,5	85,2	20 100	70 100*	43,7	89,5	14 100	65 900*	60,0
62,0					18,2	72,2	24 100	71 200*	31,3	82,0	18 400	67 100*	40,3	87,1	12 700	63 100*	62,0
64,0					5,9	61,3	21 800	57 800*	26,5	78,1	16 800	64 300*	36,6	84,5	11 400	60 400*	64,0
66,0									20,6	73,1	15 300	61 600*	32,5	81,4	10 100	57 900*	66,0
68,0									11,8	65,4	13 600	58 900*	27,9	77,7	8 800	55 500*	68,0
70,0													22,4	73,1	7 600	53 200*	70,0
72,0													14,8	66,5	6 300	50 900*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



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

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	73,0	113,1	118 700	153 800*													25,9
26,0	72,9	113,1	118 100	153 600*													26,0
28,0	70,8	112,4	106 700	149 800*													28,0
30,0	68,7	111,6	97 000	145 400*													30,0
32,0	66,5	110,7	88 600	140 700*													32,0
34,0	64,3	109,7	81 300	135 600*													34,0
36,0	62,1	108,7	74 800	130 200*													36,0
38,0	59,8	107,5	69 000	124 800*	65,1	109,4	58 400	129 200*									38,0
40,0	57,4	106,2	63 900	119 300*	62,9	108,3	53 800	121 600*									40,0
42,0	55,0	104,8	59 300	113 800*	60,6	107,2	49 700	114 800*									42,0
44,0	52,5	103,2	55 000	108 500*	58,3	105,9	46 000	108 600*									44,0
46,0	49,9	101,5	51 200	103 400*	55,9	104,6	42 600	102 900*	61,4	106,4	34 100	96 900*					46,0
48,0	47,2	99,7	47 700	98 500*	53,4	103,1	39 500	97 700*	59,1	105,2	31 400	92 000*					48,0
50,0	44,3	97,6	44 500	93 800*	50,9	101,4	36 700	92 900*	56,7	103,9	28 900	87 500*					50,0
52,0	41,4	95,3	41 600	89 500*	48,2	99,7	34 100	88 500*	54,2	102,4	26 600	83 200*					52,0
54,0	38,2	92,8	38 800	85 400*	45,4	97,7	31 600	84 400*	51,7	100,9	24 500	79 300*					54,0
56,0	34,7	90,0	36 200	81 700*	42,5	95,5	29 300	80 500*	49,1	99,1	22 500	75 700*	54,9	101,3	15 800	71 000*	56,0
58,0	30,9	86,7	33 800	78 400*	39,4	93,1	27 300	77 000*	46,4	97,2	20 700	72 300*	52,4	99,8	14 300	67 800*	58,0
60,0	26,6	82,8	31 500	74 900*	36,0	90,3	25 300	73 600*	43,5	95,1	19 000	69 200*	49,8	98,1	12 800	64 800*	60,0
62,0	21,4	78,0	29 300	67 200*	32,4	87,2	23 400	70 500*	40,4	92,7	17 400	66 200*	47,1	96,2	11 400	62 000*	62,0
64,0	14,5	71,2	27 200	55 500*	28,3	83,6	21 600	67 600*	37,2	90,1	15 800	63 500*	44,3	94,2	10 100	59 400*	64,0
66,0					23,5	79,2	19 900	64 800*	33,6	87,2	14 400	60 900*	41,3	91,9	8 900	56 900*	66,0
68,0					17,4	73,4	18 200	62 100*	29,7	83,7	13 000	58 300*	38,1	89,3	7 700	54 600*	68,0
70,0					6,7	62,7	16 300	49 700*	25,2	79,6	11 700	56 000*	34,6	86,5	6 600	52 300*	70,0
72,0									19,7	74,4	10 300	53 700*	30,8	83,2	5 500	50 200*	72,0
74,0									11,6	66,5	8 900	51 500*	26,5	79,3	4 400	48 200*	74,0
76,0													21,3	74,4	3 400	46 300*	76,0
78,0													14,3	67,6	2 300	44 400*	78,0

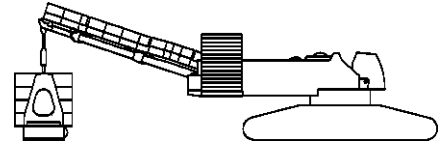


Liftcrane Luffing Jib Capacities

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



54,9m (180 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

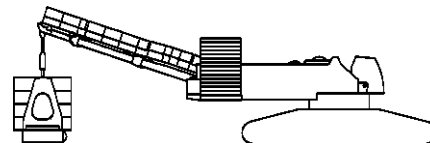
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	71,8	118,5	100 400	131 700*													29,0
30,0	70,8	118,2	95 600	130 100*													30,0
32,0	68,9	117,4	87 100	126 700*													32,0
34,0	66,9	116,5	79 800	123 000*													34,0
36,0	64,9	115,6	73 300	119 200*													36,0
38,0	62,9	114,5	67 500	115 100*													38,0
40,0	60,9	113,4	62 400	110 800*	65,7	115,2	52 000	120 200*									40,0
42,0	58,8	112,2	57 800	106 500*	63,7	114,2	47 900	113 300*									42,0
44,0	56,6	110,8	53 600	102 200*	61,6	113,1	44 200	107 100*									44,0
46,0	54,4	109,4	49 800	97 900*	59,6	111,9	40 900	101 500*									46,0
48,0	52,1	107,8	46 300	93 600*	57,4	110,6	37 800	96 300*									48,0
50,0	49,8	106,1	43 100	89 600*	55,2	109,2	35 000	91 500*	60,3	111,2	26 900	85 900*					50,0
52,0	47,4	104,3	40 100	85 600*	53,0	107,7	32 400	87 100*	58,1	109,9	24 700	81 700*					52,0
54,0	44,8	102,3	37 400	81 900*	50,7	106,0	30 000	83 000*	56,0	108,5	22 600	77 800*					54,0
56,0	42,2	100,1	34 900	78 400*	48,3	104,2	27 700	79 200*	53,8	107,1	20 600	74 200*					56,0
58,0	39,3	97,6	32 600	75 000*	45,8	102,3	25 700	75 700*	51,5	105,5	18 800	70 900*	56,6	107,4	12 100	66 100*	58,0
60,0	36,3	94,9	30 300	71 900*	43,2	100,2	23 700	72 400*	49,1	103,7	17 200	67 800*	54,4	105,9	10 700	63 200*	60,0
62,0	33,1	91,9	28 200	69 100*	40,4	97,8	21 900	69 300*	46,6	101,8	15 600	64 800*	52,1	104,4	9 400	60 400*	62,0
64,0	29,5	88,4	26 300	66 600*	37,5	95,2	20 200	66 400*	44,0	99,7	14 100	62 100*	49,7	102,7	8 100	57 800*	64,0
66,0	25,4	84,3	24 400	63 200*	34,3	92,3	18 500	63 600*	41,3	97,5	12 700	59 500*	47,3	100,8	6 900	55 400*	66,0
68,0	20,6	79,3	22 600	56 300*	30,9	89,0	17 000	61 100*	38,5	95,0	11 400	57 100*	44,8	98,8	5 800	53 100*	68,0
70,0	14,1	72,3	20 700	46 500*	27,0	85,2	15 500	58 600*	35,4	92,2	10 100	54 700*	42,1	96,6	4 700	50 900*	70,0
72,0					22,5	80,6	14 100	56 300*	32,1	89,0	8 900	52 500*	39,3	94,1	3 700	48 800*	72,0
74,0					16,8	74,6	12 700	53 500*	28,4	85,4	7 700	50 400*	36,3	91,4	2 700	46 800*	74,0
76,0					7,2	64,0	11 100	42 300*	24,1	81,1	6 600	48 500*	33,0	88,4	1 800	45 000*	76,0
78,0									18,9	75,7	5 500	46 500*	29,4	84,9	900	43 200*	78,0
80,0													25,3	80,8		41 400*	80,0
84,0													13,9	68,7		37 600*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



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

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	72,1	124,4	92 300	115 300*													30,5
32,0	70,8	123,9	86 000	113 500*													32,0
34,0	69,0	123,1	78 600	110 900*													34,0
36,0	67,3	122,3	72 100	108 100*													36,0
38,0	65,5	121,3	66 400	105 100*													38,0
40,0	63,6	120,3	61 300	101 900*													40,0
42,0	61,8	119,3	56 600	98 500*	66,1	121,0	46 600	111 900*									42,0
44,0	59,9	118,1	52 400	95 100*	64,3	120,0	42 800	106 000*									44,0
46,0	58,0	116,8	48 600	91 700*	62,5	118,9	39 500	100 300*									46,0
48,0	56,0	115,5	45 200	88 200*	60,6	117,8	36 400	95 200*									48,0
50,0	54,0	114,0	41 900	84 800*	58,7	116,6	33 600	90 400*									50,0
52,0	51,9	112,4	39 000	81 400*	56,7	115,2	31 100	86 000*	61,2	117,1	23 200	80 500*					52,0
54,0	49,7	110,7	36 300	78 100*	54,7	113,8	28 700	82 000*	59,3	115,8	21 100	76 600*					54,0
56,0	47,5	108,9	33 800	74 900*	52,7	112,3	26 500	78 200*	57,4	114,6	19 200	73 100*					56,0
58,0	45,2	106,9	31 500	71 900*	50,5	110,6	24 400	74 700*	55,4	113,2	17 400	69 800*					58,0
60,0	42,8	104,7	29 200	69 000*	48,3	108,8	22 500	71 400*	53,3	111,7	15 800	66 600*					60,0
62,0	40,3	102,4	27 200	66 300*	46,1	106,9	20 700	68 300*	51,2	110,1	14 200	63 700*	55,9	112,0	7 800	59 200*	62,0
64,0	37,6	99,8	25 300	63 700*	43,7	104,8	19 000	65 400*	49,1	108,3	12 700	61 000*	53,9	110,5	6 600	56 600*	64,0
66,0	34,7	96,9	23 400	61 300*	41,2	102,6	17 400	62 700*	46,8	106,4	11 300	58 400*	51,8	109,0	5 400	54 200*	66,0
68,0	31,7	93,7	21 700	59 200*	38,6	100,1	15 900	60 100*	44,5	104,4	10 100	56 000*	49,7	107,3	4 300	51 900*	68,0
70,0	28,3	90,1	20 100	56 800*	35,8	97,3	14 400	57 700*	42,1	102,2	8 800	53 700*	47,5	105,4	3 300	49 800*	70,0
72,0	24,4	85,8	18 500	53 200*	32,8	94,2	13 100	55 400*	39,5	99,8	7 600	51 500*	45,2	103,4	2 300	47 700*	72,0
74,0	19,8	80,6	17 000	47 400*	29,6	90,8	11 800	53 200*	36,8	97,1	6 500	49 500*	42,7	101,3	1 300	45 800*	74,0
76,0	13,8	73,4	15 400	39 000*	25,9	86,8	10 500	51 100*	33,9	94,2	5 500	47 500*	40,2	98,9	400	43 900*	76,0
78,0					21,7	82,0	9 300	49 200*	30,7	90,8	4 400	45 600*	37,5	96,3		42 000*	78,0
80,0					16,3	75,7	8 100	46 100*	27,2	87,0	3 400	43 900*	34,7	93,4		40 100*	80,0
84,0									18,3	76,9	1 500	40 500*	28,2	86,6		36 500*	84,0
88,0													19,7	77,1		33 200*	88,0

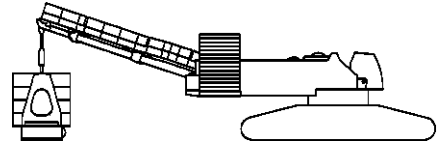


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



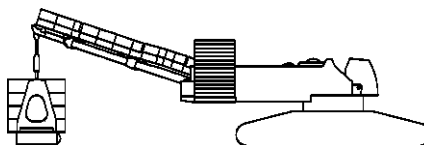
54,9m (180 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	72,4	130,4	84 500	101 100*													32,0
34,0	70,8	129,7	77 100	99 200*													34,0
36,0	69,2	128,9	70 600	97 200*													36,0
38,0	67,6	128,1	64 900	94 900*													38,0
40,0	65,9	127,2	59 700	92 500*													40,0
42,0	64,2	126,2	55 100	90 000*													42,0
44,0	62,5	125,1	50 900	87 400*	66,5	126,8	41 000	97 900*									44,0
46,0	60,8	124,0	47 100	84 800*	64,9	125,8	37 700	97 500*									46,0
48,0	59,1	122,8	43 600	82 000*	63,2	124,8	34 600	93 900*									48,0
50,0	57,3	121,5	40 400	79 200*	61,5	123,7	31 900	89 000*									50,0
52,0	55,4	120,1	37 500	76 400*	59,7	122,5	29 300	84 600*									52,0
54,0	53,6	118,6	34 800	73 700*	57,9	121,2	26 900	80 500*	62,0	122,9	19 100	75 100*					54,0
56,0	51,6	117,0	32 300	71 000*	56,1	119,9	24 700	76 800*	60,3	121,8	17 200	71 500*					56,0
58,0	49,7	115,3	30 000	68 300*	54,3	118,4	22 700	73 300*	58,5	120,5	15 500	68 200*					58,0
60,0	47,6	113,5	27 800	65 700*	52,4	116,9	20 700	70 000*	56,7	119,2	13 800	65 100*					60,0
62,0	45,5	111,5	25 700	63 300*	50,4	115,2	19 000	66 900*	54,9	117,8	12 300	62 200*					62,0
64,0	43,3	109,4	23 800	60 900*	48,4	113,5	17 300	64 100*	53,0	116,3	10 800	59 500*	57,2	118,0	4 500	55 000*	64,0
66,0	41,0	107,1	22 000	58 600*	46,3	111,5	15 700	61 400*	51,1	114,7	9 500	56 900*	55,4	116,7	3 400	52 600*	66,0
68,0	38,6	104,6	20 300	56 500*	44,2	109,5	14 200	58 800*	49,1	112,9	8 200	54 500*	53,5	115,2	2 300	50 300*	68,0
70,0	36,1	101,9	18 700	54 500*	41,9	107,2	12 800	56 400*	47,0	111,1	7 000	52 300*	51,6	113,6	1 300	48 200*	70,0
72,0	33,4	98,9	17 200	52 600*	39,5	104,8	11 500	54 100*	44,9	109,0	5 900	50 100*	49,6	111,9		46 200*	72,0
74,0	30,4	95,5	15 800	50 300*	37,1	102,2	10 300	52 000*	42,7	106,9	4 800	48 100*	47,6	110,0		44 000*	74,0
76,0	27,2	91,7	14 300	47 800*	34,4	99,3	9 000	50 000*	40,3	104,5	3 700	46 200*	45,5	108,1		42 000*	76,0
78,0	23,6	87,3	13 000	44 400*	31,6	96,1	7 900	48 000*	37,9	102,0	2 800	44 300*	43,3	105,9		40 000*	78,0
80,0	19,2	81,9	11 700	39 500*	28,5	92,5	6 800	46 100*	35,3	99,2	1 800	42 600*	41,0	103,6		38 200*	80,0
84,0					20,9	83,3	4 600	42 600*	29,5	92,6		39 300*	36,0	98,4		34 700*	84,0
88,0					7,8	66,4	2 400	29 600*	22,4	83,9		35 900*	30,4	92,0		31 500*	88,0
92,0													23,5	83,8		28 500*	92,0
96,0													13,3	70,9		25 700*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

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

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	71,5	135,8	72 400	86 800*													35,1
36,0	70,8	135,4	69 500	86 500*													36,0
38,0	69,3	134,7	63 600	85 100*													38,0
40,0	67,8	133,8	58 400	83 400*													40,0
42,0	66,3	132,9	53 800	81 500*													42,0
44,0	64,7	132,0	49 600	79 600*													44,0
46,0	63,2	131,0	45 800	77 600*	66,9	132,6	36 300	83 600*									46,0
48,0	61,6	129,9	42 400	75 500*	65,3	131,6	33 200	83 500*									48,0
50,0	60,0	128,7	39 200	73 400*	63,8	130,6	30 400	81 800*									50,0
52,0	58,3	127,5	36 200	70 800*	62,2	129,6	27 800	78 700*									52,0
54,0	56,7	126,1	33 500	67 900*	60,6	128,4	25 500	75 800*									54,0
56,0	55,0	124,7	31 000	65 000*	59,0	127,2	23 300	72 900*									56,0
58,0	53,2	123,2	28 700	62 200*	57,3	125,9	21 300	69 900*	61,1	127,7	13 900	67 000*					58,0
60,0	51,4	121,6	26 500	59 400*	55,6	124,5	19 400	67 000*	59,5	126,5	12 300	63 900*					60,0
62,0	49,6	119,9	24 500	56 800*	53,9	123,1	17 600	64 200*	57,9	125,2	10 800	61 000*					62,0
64,0	47,7	118,1	22 600	54 200*	52,1	121,5	15 900	61 400*	56,2	123,9	9 300	58 300*					64,0
66,0	45,8	116,2	20 800	51 700*	50,3	119,8	14 400	58 700*	54,5	122,4	8 000	55 800*					66,0
68,0	43,8	114,1	19 100	49 300*	48,4	118,1	12 900	56 000*	52,7	120,9	6 800	53 400*	56,6	122,7	700	49 100*	68,0
70,0	41,7	111,8	17 500	47 000*	46,5	116,2	11 500	53 500*	50,9	119,3	5 500	51 100*	54,9	121,3		46 900*	70,0
72,0	39,5	109,4	16 000	44 700*	44,5	114,1	10 200	51 000*	49,1	117,5	4 400	49 000*	53,2	119,8		44 600*	72,0
74,0	37,2	106,8	14 600	42 500*	42,5	111,9	8 900	48 600*	47,2	115,7	3 400	47 000*	51,4	118,2		42 500*	74,0
76,0	34,8	103,9	13 200	40 400*	40,3	109,6	7 800	46 300*	45,2	113,7	2 300	45 000*	49,6	116,5		40 400*	76,0
78,0	32,2	100,8	12 000	38 400*	38,1	107,0	6 600	44 000*	43,2	111,5	1 400	43 200*	47,7	114,6		38 500*	78,0
80,0	29,4	97,3	10 700	36 500*	35,7	104,3	5 500	41 800*	41,0	109,2	400	41 500*	45,7	112,7		36 600*	80,0
84,0	22,8	88,7	8 400	32 900*	30,4	97,9	3 500	37 700*	36,5	104,1		38 000*	41,6	108,3		33 200*	84,0
88,0	13,3	75,6	6 100	26 500*	24,2	89,8	1 600	34 000*	31,4	97,9		34 600*	37,2	103,3		30 100*	88,0
92,0					15,5	78,0		30 500*	25,3	90,2		31 500*	32,1	97,3		27 200*	92,0
96,0									17,3	79,3		28 500*	26,2	89,8		24 500*	96,0
100,0													18,6	79,6		21 900*	100,0

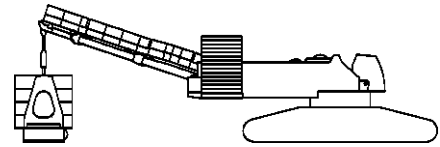


Liftcrane Luffing Jib Capacities

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



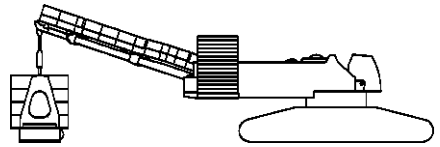
54,9m (180 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
38,1	70,7	141,1	61 800	75 000*												38,1	
40,0	69,4	140,4	56 900	74 600*												40,0	
42,0	68,0	139,6	52 200	73 200*												42,0	
44,0	66,6	138,7	48 000	71 800*												44,0	
46,0	65,2	137,8	44 200	70 200*												46,0	
48,0	63,7	136,8	40 800	68 400*	67,1	138,3	31 400	71 800*								48,0	
50,0	62,3	135,7	37 500	65 800*	65,7	137,4	28 600	71 800*								50,0	
52,0	60,8	134,6	34 600	63 100*	64,3	136,4	26 000	70 300*								52,0	
54,0	59,3	133,4	31 900	60 400*	62,8	135,4	23 700	67 500*								54,0	
56,0	57,7	132,1	29 400	57 600*	61,3	134,3	21 500	64 800*								56,0	
58,0	56,2	130,8	27 100	54 900*	59,8	133,1	19 500	62 100*								58,0	
60,0	54,6	129,4	24 900	52 400*	58,3	131,9	17 600	59 300*	61,8	133,5	10 300	62 400*				60,0	
62,0	52,9	127,8	22 900	49 800*	56,7	130,6	15 800	56 700*	60,3	132,4	8 800	59 500*				62,0	
64,0	51,3	126,2	21 000	47 400*	55,2	129,2	14 200	54 100*	58,8	131,2	7 400	56 800*				64,0	
66,0	49,6	124,5	19 300	44 900*	53,6	127,7	12 600	51 500*	57,3	129,9	6 100	54 300*				66,0	
68,0	47,8	122,7	17 600	42 600*	51,9	126,1	11 200	48 900*	55,7	128,5	4 800	51 900*				68,0	
70,0	46,0	120,8	16 000	40 300*	50,2	124,4	9 800	46 400*	54,1	127,0	3 600	49 600*				70,0	
72,0	44,2	118,7	14 500	38 200*	48,5	122,7	8 500	44 100*	52,5	125,5	2 500	47 500*	56,1	127,3	42 500*	72,0	
74,0	42,2	116,5	13 100	36 000*	46,7	120,8	7 200	41 800*	50,8	123,9	1 500	45 500*	54,5	125,9	40 400*	74,0	
76,0	40,2	114,1	11 800	34 000*	44,9	118,8	6 100	39 500*	49,1	122,1	500	43 600*	52,9	124,4	38 400*	76,0	
78,0	38,1	111,6	10 500	32 000*	43,0	116,6	5 000	37 300*	47,3	120,3		41 800*	51,2	122,8	36 400*	78,0	
80,0	35,9	108,9	9 200	30 100*	41,0	114,3	3 900	35 200*	45,5	118,3		39 900*	49,5	121,1	34 600*	80,0	
84,0	31,1	102,6	7 000	26 600*	36,8	109,2	2 000	31 300*	41,6	113,9		36 200*	46,0	117,3	31 200*	84,0	
88,0	25,5	94,9	4 900	23 200*	32,1	103,1		27 600*	37,5	108,9		32 200*	42,2	113,0	28 100*	88,0	
92,0	18,2	84,4	2 900	20 200*	26,6	95,7		24 200*	32,9	103,1		28 500*	38,1	108,1	25 300*	92,0	
96,0					19,7	85,9		21 100*	27,6	95,9		25 000*	33,5	102,4	22 700*	96,0	
100,0					8,2	68,7		17 500*	21,0	86,7		21 800*	28,4	95,4	20 300*	100,0	
104,0													22,0	86,6	18 000*	104,0	
108,0													12,9	73,1	15 700*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

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

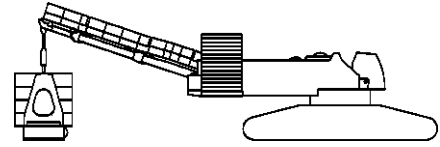
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
41,1	70,1	146,5	52 800	64 800*												41,1	
42,0	69,5	146,2	50 900	64 600*												42,0	
44,0	68,2	145,4	46 700	64 200*												44,0	
46,0	66,9	144,5	42 900	63 100*												46,0	
48,0	65,6	143,6	39 400	61 500*												48,0	
50,0	64,2	142,6	36 200	58 800*												50,0	
52,0	62,8	141,6	33 300	56 200*	66,1	143,2	24 600	61 700*								52,0	
54,0	61,5	140,5	30 600	53 700*	64,7	142,3	22 200	60 300*								54,0	
56,0	60,1	139,3	28 100	51 200*	63,4	141,2	20 000	57 700*								56,0	
58,0	58,6	138,1	25 800	48 600*	62,0	140,2	18 000	55 100*								58,0	
60,0	57,2	136,8	23 600	46 200*	60,6	139,0	16 100	52 600*								60,0	
62,0	55,7	135,4	21 600	43 800*	59,2	137,8	14 400	50 100*								62,0	
64,0	54,2	134,0	19 700	41 400*	57,7	136,6	12 700	47 700*	61,0	138,3	5 900	53 200*				64,0	
66,0	52,7	132,4	18 000	39 100*	56,3	135,2	11 200	45 200*	59,6	137,1	4 500	50 800*				66,0	
68,0	51,1	130,8	16 300	36 900*	54,8	133,8	9 700	42 800*	58,2	135,8	3 300	48 400*				68,0	
70,0	49,5	129,1	14 700	34 700*	53,3	132,3	8 400	40 400*	56,8	134,5	2 100	46 100*				70,0	
72,0	47,9	127,3	13 200	32 600*	51,7	130,7	7 100	38 200*	55,3	133,1	1 000	43 700*				72,0	
74,0	46,2	125,4	11 800	30 500*	50,1	129,0	5 800	35 900*	53,8	131,7		41 400*	57,2	133,4	38 800*	74,0	
76,0	44,5	123,3	10 500	28 600*	48,5	127,3	4 700	33 800*	52,2	130,1		39 100*	55,7	132,0	36 700*	76,0	
78,0	42,7	121,2	9 200	26 700*	46,8	125,4	3 600	31 700*	50,7	128,5		36 800*	54,2	130,5	34 800*	78,0	
80,0	40,8	118,9	8 000	24 800*	45,1	123,4	2 500	29 700*	49,1	126,7		34 700*	52,7	129,0	33 000*	80,0	
84,0	36,9	113,7	5 700	21 300*	41,5	119,0		25 800*	45,7	122,9		30 600*	49,5	125,7	29 700*	84,0	
88,0	32,5	107,8	3 700	18 000*	37,7	114,0		22 200*	42,2	118,6		26 600*	46,2	121,9	26 600*	88,0	
92,0	27,6	100,6	1 800	15 000*	33,4	108,2		18 900*	38,3	113,8		23 000*	42,7	117,7	23 800*	92,0	
96,0	21,5	91,5		12 200*	28,6	101,3		15 800*	34,1	108,1		19 600*	38,9	112,9	21 200*	96,0	
100,0	12,9	77,8		9 700*	22,8	92,7		13 000*	29,4	101,4		16 500*	34,7	107,4	18 800*	100,0	
104,0					14,9	80,3		10 400*	23,8	93,1		13 600*	30,1	100,9	16 600*	104,0	
108,0									16,5	81,7		11 000*	24,7	92,8	14 100*	108,0	
112,0													17,7	82,0	11 500*	112,0	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



61,0m (200 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	71,3	89,8	191 700	286 600*c													18,3
20,0	67,4	89,0	171 000	274 600*b													20,0
22,0	62,6	87,9	151 300	252 900*b													22,0
24,0	57,7	86,7	135 300	230 500*													24,0
26,0	52,4	85,1	121 900	211 900*	65,7	87,8	105 900	201 700*b									26,0
28,0	46,6	83,2	110 500	195 900*	60,9	86,7	95 900	186 400*b									28,0
30,0	40,2	80,8	100 600	181 900*	55,8	85,3	87 300	173 200*									30,0
32,0	32,6	77,8	92 000	169 500*	50,4	83,6	79 800	161 200*									32,0
34,0	22,5	73,4	84 100	147 400*	44,4	81,6	73 200	150 400*	58,8	84,9	61 700	142 500*b					34,0
36,0					37,6	79,0	67 300	140 800*	53,6	83,4	56 600	133 500*					36,0
38,0					29,3	75,6	61 900	132 200*	48,0	81,6	52 100	125 300*					38,0
40,0									41,7	79,4	48 000	118 100*	56,4	82,5	38 600	111 500*	40,0
42,0									34,5	76,5	44 200	111 300*	51,0	80,9	35 400	105 200*	42,0
44,0									25,2	72,5	40 600	105 200*	45,1	78,9	32 500	99 500*	44,0
46,0													38,5	76,4	29 800	94 300*	46,0
48,0													30,4	73,1	27 200	89 400*	48,0
50,0													19,1	68,1	24 600	84 800*	50,0

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

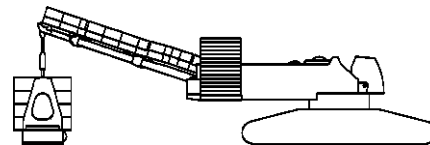
Capacities indicated by (c) require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



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

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	72,1	95,7	173 000	245 300*b													19,8
20,0	71,7	95,6	171 100	244 300*b													20,0
22,0	68,0	94,8	151 300	233 900*b													22,0
24,0	64,2	93,8	135 200	222 200*													24,0
26,0	60,3	92,6	121 900	209 800*													26,0
28,0	56,1	91,3	110 500	195 700*	66,7	93,7	95 200	185 700*b									28,0
30,0	51,8	89,7	100 800	181 600*	62,8	92,6	86 600	172 400*									30,0
32,0	47,1	87,8	92 400	169 400*	58,8	91,4	79 300	160 500*									32,0
34,0	42,0	85,6	84 900	158 300*	54,6	89,9	72 800	149 900*									34,0
36,0	36,2	82,9	78 300	148 200*	50,1	88,2	67 000	140 400*									36,0
38,0	29,5	79,5	72 300	139 200*	45,3	86,2	61 900	132 000*	57,1	89,5	51 300	124 600*					38,0
40,0	20,6	74,7	66 800	125 800*	40,0	83,9	57 300	124 300*	52,8	88,0	47 300	117 400*					40,0
42,0					33,9	81,0	53 000	117 400*	48,2	86,2	43 700	110 800*					42,0
44,0					26,6	77,2	49 000	111 000*	43,2	84,1	40 400	104 900*	55,1	87,1	31 600	98 700*	44,0
46,0									37,6	81,5	37 300	99 400*	50,6	85,5	29 000	93 600*	46,0
48,0									31,2	78,3	34 500	94 400*	45,9	83,5	26 700	88 800*	48,0
50,0									22,9	73,9	31 700	89 600*	40,6	81,2	24 500	84 500*	50,0
52,0													34,7	78,4	22 400	80 400*	52,0
54,0													27,6	74,7	20 400	76 600*	54,0
56,0													17,6	69,2	18 400	72 900*	56,0

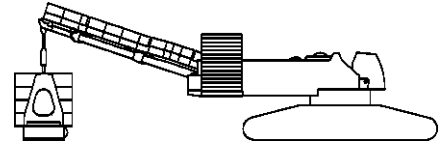
Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



61,0m (200 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	72,6	101,6	156 300	211 000*(b)													21,3
22,0	71,6	101,4	150 500	208 500*(b)													22,0
24,0	68,5	100,6	134 100	200 400*													24,0
26,0	65,3	99,6	120 800	191 300*													26,0
28,0	62,0	98,6	109 400	181 800*													28,0
30,0	58,6	97,3	99 800	172 100*													30,0
32,0	55,0	95,9	91 400	162 400*	64,1	98,4	77 600	159 100*									32,0
34,0	51,3	94,3	84 000	153 000*	60,8	97,3	71 200	148 500*									34,0
36,0	47,4	92,4	77 500	144 200*	57,3	96,0	65 500	139 100*									36,0
38,0	43,2	90,3	71 700	135 900*	53,7	94,5	60 500	130 700*									38,0
40,0	38,5	87,8	66 500	128 500*	49,9	92,8	56 000	123 100*	59,4	95,5	45 400	115 800*					40,0
42,0	33,3	84,8	61 700	122 100*	45,9	90,9	51 800	116 300*	55,9	94,2	41 900	109 400*					42,0
44,0	27,2	81,1	57 300	116 400*	41,5	88,6	48 100	110 000*	52,2	92,6	38 700	103 500*					44,0
46,0	19,2	75,9	53 200	104 300*	36,7	86,0	44 600	104 300*	48,3	90,8	35 700	98 100*					46,0
48,0					31,3	82,8	41 500	99 100*	44,2	88,7	33 100	93 100*	54,2	91,7	24 700	87 300*	48,0
50,0					24,6	78,6	38 400	94 100*	39,6	86,3	30 600	88 600*	50,4	90,1	22 600	83 000*	50,0
52,0									34,6	83,5	28 200	84 300*	46,4	88,2	20 600	79 000*	52,0
54,0									28,7	80,0	26 000	80 400*	42,1	85,9	18 800	75 300*	54,0
56,0									21,3	75,2	23 800	76 600*	37,3	83,3	17 100	71 900*	56,0
58,0													32,0	80,2	15 500	68 600*	58,0
60,0													25,5	76,2	13 900	65 600*	60,0
62,0													16,6	70,4	12 300	62 600*	62,0

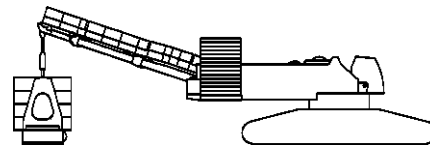
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



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

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	71,0	107,0	130 700	177 000*													24,4
26,0	68,8	106,3	120 000	173 300*													26,0
28,0	66,0	105,4	108 700	166 300*													28,0
30,0	63,2	104,4	99 000	159 000*													30,0
32,0	60,3	103,3	90 700	151 300*	67,8	105,2	76 500	158 000*									32,0
34,0	57,3	102,0	83 300	143 600*	65,0	104,3	70 100	147 500*									34,0
36,0	54,2	100,5	76 900	136 000*	62,2	103,2	64 400	138 100*									36,0
38,0	51,0	98,9	71 100	128 700*	59,3	102,0	59 500	129 800*									38,0
40,0	47,6	97,0	65 900	121 800*	56,2	100,6	54 900	122 200*									40,0
42,0	44,0	95,0	61 200	115 300*	53,1	99,1	50 900	115 400*	61,0	101,5	40 600	108 300*					42,0
44,0	40,1	92,6	57 000	109 400*	49,8	97,4	47 200	109 300*	58,0	100,2	37 400	102 500*					44,0
46,0	35,9	89,9	53 100	104 000*	46,3	95,5	43 900	103 600*	55,0	98,8	34 600	97 100*					46,0
48,0	31,1	86,6	49 500	99 400*	42,6	93,3	40 800	98 400*	51,8	97,2	31 900	92 200*					48,0
50,0	25,5	82,6	46 200	95 700*	38,6	90,8	37 900	93 600*	48,4	95,4	29 500	87 700*					50,0
52,0	18,1	77,1	42 900	86 900*	34,2	87,9	35 200	89 100*	44,8	93,4	27 300	83 500*	53,5	96,3	19 300	77 900*	52,0
54,0					29,2	84,5	32 700	85 000*	41,0	91,1	25 200	79 700*	50,2	94,7	17 600	74 300*	54,0
56,0					23,1	80,0	30 300	81 100*	36,9	88,5	23 200	76 000*	46,7	92,8	16 000	70 900*	56,0
58,0									32,2	85,3	21 300	72 700*	43,1	90,6	14 400	67 800*	58,0
60,0									26,9	81,5	19 500	69 500*	39,1	88,2	13 000	64 800*	60,0
62,0									20,1	76,5	17 800	66 400*	34,8	85,3	11 600	62 000*	62,0
64,0									8,3	67,4	15 900	63 400*	29,8	81,9	10 300	59 400*	64,0
66,0													23,9	77,7	9 000	56 800*	66,0
68,0													15,8	71,5	7 600	54 400*	68,0

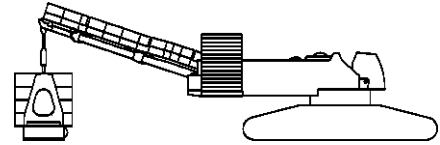


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



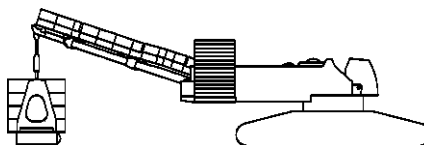
61,0m (200 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	71,5	112,9	119 200	155 500*													25,9
26,0	71,4	112,9	118 700	155 300*													26,0
28,0	69,0	112,1	107 400	150 400*													28,0
30,0	66,6	111,2	97 700	145 000*													30,0
32,0	64,2	110,2	89 300	139 200*													32,0
34,0	61,6	109,2	81 900	133 200*													34,0
36,0	59,0	107,9	75 500	127 100*	65,7	110,1	62 700	136 600*									36,0
38,0	56,4	106,6	69 800	121 000*	63,2	109,1	57 700	128 300*									38,0
40,0	53,6	105,1	64 600	115 100*	60,7	107,9	53 200	120 800*									40,0
42,0	50,8	103,5	60 000	109 400*	58,1	106,7	49 200	114 000*									42,0
44,0	47,8	101,6	55 800	103 800*	55,4	105,3	45 500	107 800*									44,0
46,0	44,6	99,6	52 000	98 700*	52,6	103,7	42 200	102 200*	59,6	106,2	32 500	95 500*					46,0
48,0	41,3	97,3	48 400	93 900*	49,7	102,0	39 100	97 100*	57,0	104,8	30 000	90 700*					48,0
50,0	37,7	94,8	45 200	89 500*	46,7	100,1	36 400	92 300*	54,3	103,4	27 600	86 200*					50,0
52,0	33,7	91,8	42 200	85 600*	43,4	98,0	33 800	87 900*	51,4	101,8	25 400	82 000*					52,0
54,0	29,3	88,3	39 400	82 200*	40,0	95,6	31 400	83 900*	48,5	100,0	23 400	78 200*	55,7	102,5	15 500	72 700*	54,0
56,0	24,1	84,1	36 700	79 500*	36,3	92,9	29 100	80 100*	45,4	98,0	21 500	74 600*	52,9	100,9	13 900	69 300*	56,0
58,0	17,3	78,3	34 100	72 600*	32,2	89,8	27 000	76 500*	42,1	95,8	19 700	71 300*	50,1	99,3	12 400	66 200*	58,0
60,0					27,5	86,1	25 000	73 200*	38,5	93,3	18 000	68 200*	47,0	97,4	11 000	63 300*	60,0
62,0					21,9	81,4	23 000	70 000*	34,7	90,5	16 400	65 300*	43,8	95,3	9 700	60 600*	62,0
64,0					14,0	74,6	21 100	67 000*	30,4	87,1	14 900	62 500*	40,4	93,0	8 500	58 000*	64,0
66,0									25,4	83,1	13 400	59 900*	36,8	90,3	7 300	55 500*	66,0
68,0									19,1	77,7	12 000	57 400*	32,7	87,2	6 200	53 200*	68,0
70,0									8,6	68,5	10 400	54 800*	28,1	83,6	5 100	51 000*	70,0
72,0													22,6	79,1	4 000	48 900*	72,0
74,0													15,2	72,6	2 900	46 900*	74,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

61,0m (200 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	71,9	118,9	109 400	136 200*													27,4
28,0	71,4	118,7	106 500	135 100*													28,0
30,0	69,2	117,9	96 600	131 300*													30,0
32,0	67,1	117,0	88 300	127 200*													32,0
34,0	64,9	116,1	80 900	122 700*													34,0
36,0	62,7	115,0	74 500	118 000*													36,0
38,0	60,4	113,9	68 800	113 200*	66,3	115,9	56 300	127 100*									38,0
40,0	58,0	112,6	63 600	108 300*	64,1	114,9	51 900	119 700*									40,0
42,0	55,6	111,2	59 000	103 500*	61,8	113,8	47 900	112 900*									42,0
44,0	53,1	109,7	54 800	98 800*	59,5	112,6	44 300	106 800*									44,0
46,0	50,6	108,1	51 000	94 200*	57,2	111,3	41 000	101 200*									46,0
48,0	47,9	106,2	47 500	89 800*	54,7	109,9	38 000	96 000*	60,9	112,1	28 600	89 500*					48,0
50,0	45,1	104,2	44 300	85 600*	52,2	108,3	35 200	91 300*	58,6	110,8	26 200	85 000*					50,0
52,0	42,2	102,1	41 300	81 700*	49,6	106,6	32 700	87 000*	56,2	109,5	24 000	80 900*					52,0
54,0	39,0	99,6	38 600	78 100*	46,9	104,7	30 300	82 900*	53,7	108,0	22 000	77 100*					54,0
56,0	35,7	96,8	36 000	74 800*	44,1	102,7	28 100	79 200*	51,2	106,4	20 200	73 600*					56,0
58,0	32,0	93,7	33 600	71 800*	41,1	100,4	26 000	75 700*	48,5	104,6	18 400	70 300*	55,0	107,1	10 900	65 000*	58,0
60,0	27,8	90,0	31 300	69 300*	37,8	97,8	24 100	72 400*	45,8	102,7	16 800	67 200*	52,5	105,6	9 600	62 100*	60,0
62,0	22,9	85,5	29 200	67 300*	34,4	94,9	22 200	69 300*	42,9	100,5	15 200	64 300*	49,9	103,9	8 300	59 400*	62,0
64,0	16,6	79,4	27 100	61 300*	30,5	91,6	20 500	66 400*	39,8	98,1	13 800	61 600*	47,2	102,0	7 100	56 900*	64,0
66,0					26,1	87,7	18 800	63 600*	36,5	95,4	12 400	59 100*	44,4	100,0	6 000	54 500*	66,0
68,0					20,9	82,7	17 200	61 000*	32,8	92,4	11 100	56 700*	41,4	97,7	4 900	52 200*	68,0
70,0					13,6	75,6	15 600	58 500*	28,8	88,8	9 900	54 400*	38,2	95,2	3 900	50 100*	70,0
72,0									24,1	84,5	8 600	52 100*	34,8	92,3	2 900	48 100*	72,0
74,0									18,3	79,0	7 400	50 000*	31,0	89,1	2 000	46 100*	74,0
76,0									8,8	69,6	6 000	47 800*	26,7	85,2	1 000	44 300*	76,0
78,0													21,6	80,4		42 500*	78,0
80,0													14,7	73,7		40 600*	80,0

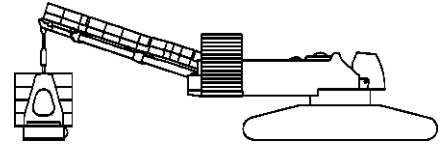


Liftcrane Luffing Jib Capacities

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



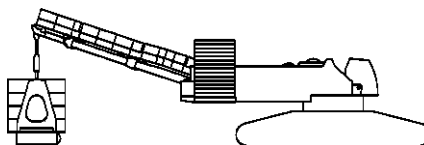
61,0m (200 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	72,3	124,8	100 100	119 400*													29,0
30,0	71,3	124,4	95 200	117 900*													30,0
32,0	69,4	123,7	86 800	114 900*													32,0
34,0	67,4	122,8	79 400	111 600*													34,0
36,0	65,5	121,9	73 000	108 100*													36,0
38,0	63,5	120,9	67 200	104 400*													38,0
40,0	61,4	119,8	62 100	100 600*	66,7	121,7	50 000	118 100*									40,0
42,0	59,3	118,6	57 500	96 700*	64,7	120,7	46 000	111 400*									42,0
44,0	57,2	117,3	53 300	92 800*	62,7	119,7	42 400	105 300*									44,0
46,0	55,0	115,8	49 500	88 900*	60,7	118,5	39 200	99 700*									46,0
48,0	52,8	114,3	46 000	85 100*	58,6	117,3	36 200	94 600*									48,0
50,0	50,4	112,7	42 800	81 500*	56,4	116,0	33 400	89 900*									50,0
52,0	48,0	110,9	39 900	77 900*	54,2	114,5	30 900	85 600*	59,8	116,8	22 000	79 300*					52,0
54,0	45,5	108,9	37 200	74 600*	51,9	112,9	28 500	81 500*	57,7	115,5	20 000	75 500*					54,0
56,0	42,9	106,7	34 700	71 400*	49,6	111,2	26 400	77 800*	55,5	114,1	18 200	72 100*					56,0
58,0	40,1	104,4	32 300	68 300*	47,1	109,4	24 400	74 300*	53,3	112,6	16 500	68 800*					58,0
60,0	37,1	101,7	30 100	65 600*	44,6	107,3	22 500	71 100*	51,0	111,0	14 900	65 700*	56,7	113,2	7 400	60 500*	60,0
62,0	34,0	98,8	28 000	63 000*	41,9	105,1	20 700	68 000*	48,6	109,2	13 400	62 800*	54,5	111,7	6 200	57 800*	62,0
64,0	30,5	95,5	26 100	60 800*	39,0	102,6	19 000	65 100*	46,1	107,3	12 000	60 200*	52,2	110,2	5 000	55 300*	64,0
66,0	26,6	91,6	24 200	58 900*	36,0	99,9	17 400	62 500*	43,5	105,2	10 600	57 700*	49,8	108,5	4 000	52 900*	66,0
68,0	22,0	86,8	22 400	57 400*	32,7	96,8	15 900	59 900*	40,7	102,9	9 400	55 300*	47,4	106,6	2 900	50 700*	68,0
70,0	16,1	80,6	20 600	51 500*	29,1	93,3	14 500	57 500*	37,8	100,3	8 200	53 000*	44,9	104,6	1 900	48 500*	70,0
72,0					25,0	89,2	13 100	55 200*	34,7	97,4	7 000	50 900*	42,2	102,4	1 000	46 600*	72,0
74,0					20,0	84,0	11 800	53 000*	31,3	94,2	5 900	48 900*	39,4	100,0		44 700*	74,0
76,0					13,3	76,7	10 300	50 800*	27,5	90,5	4 900	46 900*	36,4	97,3		42 900*	76,0
78,0									23,1	86,0	3 800	45 000*	33,1	94,2		41 000*	78,0
80,0									17,6	80,2	2 800	43 200*	29,6	90,8		39 100*	80,0
84,0													20,7	81,7		35 600*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

61,0m (200 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	71,3	130,2	85 600	103 300*													32,0
34,0	69,5	129,4	78 300	100 900*													34,0
36,0	67,7	128,6	71 800	98 300*													36,0
38,0	66,0	127,7	66 000	95 600*													38,0
40,0	64,1	126,7	60 900	92 600*													40,0
42,0	62,3	125,6	56 300	89 600*	67,1	127,5	44 700	105 200*									42,0
44,0	60,4	124,5	52 100	86 400*	65,3	126,5	41 100	103 800*									44,0
46,0	58,5	123,2	48 300	83 300*	63,5	125,5	37 800	98 600*									46,0
48,0	56,5	121,9	44 900	80 200*	61,6	124,4	34 800	93 500*									48,0
50,0	54,5	120,5	41 700	77 100*	59,7	123,2	32 100	88 800*									50,0
52,0	52,4	118,9	38 700	74 000*	57,8	122,0	29 500	84 500*	62,7	123,8	20 500	78 100*					52,0
54,0	50,3	117,3	36 100	71 000*	55,8	120,6	27 200	80 400*	60,8	122,7	18 500	74 300*					54,0
56,0	48,1	115,5	33 500	68 200*	53,8	119,1	25 100	76 800*	58,9	121,5	16 700	70 900*					56,0
58,0	45,8	113,5	31 200	65 400*	51,7	117,5	23 000	73 300*	57,0	120,2	15 000	67 600*					58,0
60,0	43,4	111,4	29 000	62 800*	49,5	115,8	21 200	70 000*	55,0	118,7	13 400	64 600*					60,0
62,0	41,0	109,1	27 000	60 300*	47,3	114,0	19 400	67 000*	52,9	117,2	11 900	61 700*					62,0
64,0	38,3	106,6	25 000	57 900*	45,0	112,0	17 800	64 100*	50,8	115,6	10 600	59 100*	56,0	117,8	3 400	54 000*	64,0
66,0	35,5	103,8	23 300	55 800*	42,6	109,8	16 200	61 500*	48,6	113,8	9 300	56 500*	54,0	116,3	2 400	51 700*	66,0
68,0	32,5	100,7	21 500	53 900*	40,0	107,4	14 700	59 000*	46,4	111,9	8 000	54 200*	51,9	114,8	1 400	49 500*	68,0
70,0	29,2	97,2	19 900	52 100*	37,3	104,8	13 400	56 600*	44,0	109,8	6 900	52 000*	49,8	113,1	500	47 400*	70,0
72,0	25,5	93,1	18 300	50 600*	34,5	101,9	12 000	54 300*	41,5	107,6	5 700	49 800*	47,6	111,2		45 400*	72,0
74,0	21,2	88,2	16 800	49 000*	31,3	98,7	10 800	52 200*	38,9	105,1	4 700	47 800*	45,3	109,2		43 500*	74,0
76,0	15,6	81,7	15 300	43 300*	27,9	95,0	9 500	50 100*	36,2	102,4	3 700	45 900*	42,8	107,1		41 500*	76,0
78,0					24,0	90,6	8 400	48 200*	33,2	99,4	2 700	44 100*	40,3	104,7		39 600*	78,0
80,0					19,3	85,3	7 200	46 300*	30,0	96,0	1 800	42 400*	37,7	102,2		37 700*	80,0
84,0									22,2	87,3		39 100*	31,7	96,1		34 300*	84,0
88,0									9,1	71,9		35 800*	24,5	88,2		31 100*	88,0
92,0													13,9	75,9		28 100*	92,0

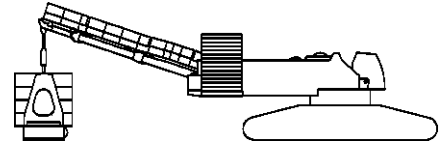


Liftcrane Luffing Jib Capacities

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



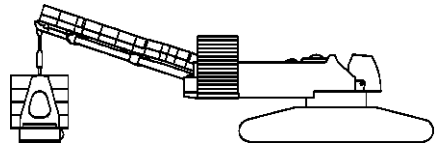
61,0m (200 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	70,4	135,5	73 200	89 400*													35,1
36,0	69,6	135,2	70 300	88 500*													36,0
38,0	68,0	134,4	64 400	86 500*													38,0
40,0	66,4	133,5	59 300	84 400*													40,0
42,0	64,7	132,5	54 700	82 000*													42,0
44,0	63,0	131,5	50 500	79 700*													44,0
46,0	61,3	130,4	46 800	77 200*	65,8	132,3	35 900	90 300*									46,0
48,0	59,5	129,2	43 300	74 700*	64,1	131,3	32 900	90 200*									48,0
50,0	57,7	127,9	40 100	72 200*	62,4	130,3	30 200	87 600*									50,0
52,0	55,9	126,6	37 200	69 600*	60,6	129,1	27 700	83 000*									52,0
54,0	54,1	125,1	34 500	67 100*	58,9	127,9	25 400	79 000*									54,0
56,0	52,2	123,5	32 000	64 600*	57,1	126,6	23 300	75 300*	61,7	128,6	14 600	69 200*					56,0
58,0	50,2	121,9	29 700	62 300*	55,3	125,2	21 300	71 800*	59,9	127,4	12 900	66 000*					58,0
60,0	48,2	120,1	27 500	59 900*	53,4	123,7	19 400	68 600*	58,2	126,2	11 400	63 000*					60,0
62,0	46,1	118,1	25 500	57 600*	51,5	122,1	17 700	65 600*	56,3	124,8	10 000	60 200*					62,0
64,0	43,9	116,1	23 600	55 500*	49,5	120,4	16 100	62 800*	54,5	123,4	8 600	57 500*					64,0
66,0	41,7	113,8	21 800	53 400*	47,4	118,6	14 500	60 100*	52,6	121,8	7 300	55 000*	57,3	123,8	500	50 000*	66,0
68,0	39,3	111,4	20 100	51 400*	45,3	116,6	13 100	57 600*	50,7	120,2	6 100	52 700*	55,5	122,4	500	47 800*	68,0
70,0	36,8	108,7	18 500	49 600*	43,1	114,5	11 700	55 300*	48,6	118,4	5 000	50 500*	53,6	120,9	500	45 700*	70,0
72,0	34,1	105,8	17 000	47 900*	40,8	112,1	10 400	53 000*	46,6	116,5	3 900	48 400*	51,7	119,4	500	43 500*	72,0
74,0	31,2	102,5	15 500	46 400*	38,4	109,6	9 200	50 900*	44,4	114,5	2 800	46 400*	49,7	117,7	500	41 400*	74,0
76,0	28,1	98,9	14 100	45 000*	35,8	106,9	8 000	48 900*	42,2	112,3	1 900	44 500*	47,7	115,8	500	39 400*	76,0
78,0	24,6	94,6	12 800	43 800*	33,1	103,8	6 900	47 000*	39,8	109,9	1 000	42 700*	45,6	113,9	500	37 500*	78,0
80,0	20,5	89,5	11 500	41 800*	30,1	100,4	5 800	45 100*	37,4	107,3		41 000*	43,4	111,7	500	35 700*	80,0
84,0					23,2	92,1	3 800	41 700*	31,9	101,2		37 800*	38,7	107,0	500	32 400*	84,0
88,0					12,8	78,9	1 700	36 800*	25,4	93,6		34 400*	33,4	101,2	500	29 300*	88,0
92,0									16,6	82,5		31 300*	27,3	94,1	500	26 500*	92,0
96,0													19,3	84,3	500	23 800*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

61,0m (200 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

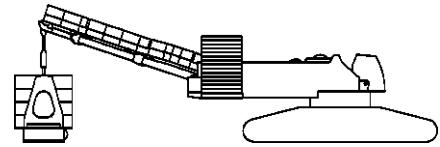
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
38,1	69,6	140,9	63 000	77 800*													38,1
40,0	68,2	140,1	58 100	76 300*													40,0
42,0	66,7	139,3	53 400	74 500*													42,0
44,0	65,2	138,3	49 300	72 700*													44,0
46,0	63,6	137,3	45 500	70 800*	67,7	139,0	34 500	78 100*									46,0
48,0	62,0	136,2	42 000	68 900*	66,1	138,1	31 500	78 100*									48,0
50,0	60,4	135,1	38 900	66 900*	64,6	137,2	28 800	78 100*									50,0
52,0	58,8	133,9	35 900	64 800*	63,0	136,1	26 300	77 900*									52,0
54,0	57,1	132,6	33 200	62 800*	61,4	135,0	24 000	76 100*									54,0
56,0	55,4	131,2	30 700	60 700*	59,8	133,9	21 800	73 200*									56,0
58,0	53,7	129,7	28 400	58 600*	58,2	132,6	19 800	70 500*	62,4	134,4	11 400	64 800*					58,0
60,0	51,9	128,1	26 200	56 600*	56,5	131,3	18 000	67 500*	60,8	133,3	9 900	61 800*					60,0
62,0	50,1	126,5	24 200	54 700*	54,8	129,9	16 300	64 500*	59,2	132,1	8 400	59 000*					62,0
64,0	48,2	124,7	22 400	52 800*	53,1	128,4	14 700	61 700*	57,5	130,8	7 100	56 300*					64,0
66,0	46,3	122,7	20 500	50 900*	51,3	126,7	13 100	59 000*	55,8	129,4	5 800	53 900*					66,0
68,0	44,3	120,7	18 900	49 100*	49,4	125,0	11 700	56 500*	54,1	128,0	4 600	51 500*					68,0
70,0	42,2	118,5	17 300	47 300*	47,5	123,2	10 400	54 200*	52,3	126,4	3 500	49 300*	56,7	128,5	44 000*		70,0
72,0	40,1	116,1	15 800	45 000*	45,6	121,2	9 100	51 900*	50,5	124,8	2 400	47 200*	55,0	127,1	41 800*		72,0
74,0	37,8	113,6	14 400	42 900*	43,6	119,1	7 800	49 600*	48,7	123,0	1 400	45 300*	53,3	125,6	39 800*		74,0
76,0	35,4	110,8	13 000	40 800*	41,5	116,9	6 700	47 300*	46,8	121,1	400	43 400*	51,5	124,0	37 800*		76,0
78,0	32,9	107,7	11 700	38 800*	39,3	114,4	5 600	45 000*	44,8	119,1		41 600*	49,7	122,3	35 900*		78,0
80,0	30,1	104,3	10 500	36 800*	37,0	111,8	4 600	42 800*	42,7	116,9		39 900*	47,8	120,4	34 200*		80,0
84,0	23,8	96,1	8 200	33 200*	31,9	105,7	2 600	38 700*	38,4	112,1		36 400*	43,8	116,4	30 900*		84,0
88,0	14,9	84,0	5 900	29 100*	26,0	98,2	800	34 900*	33,5	106,4		33 100*	39,5	111,7	27 800*		88,0
92,0					18,2	87,8		31 500*	27,8	99,3		30 100*	34,8	106,3	25 100*		92,0
96,0									20,8	90,1		27 200*	29,4	99,7	22 500*		96,0
100,0									9,3	74,1		24 400*	22,9	91,1	20 100*		100,0
104,0													13,4	78,1	17 700*		104,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



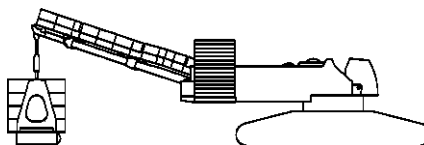
61,0m (200 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
39,6	70,1	146,9	57 400	68 600*													39,6
40,0	69,8	146,7	56 500	68 400*													40,0
42,0	68,4	145,9	51 800	67 100*													42,0
44,0	67,0	145,0	47 600	65 700*													44,0
46,0	65,6	144,1	43 800	64 300*													46,0
48,0	64,1	143,1	40 400	62 700*													48,0
50,0	62,7	142,1	37 200	61 200*	66,5	143,9	26 900	67 400*									50,0
52,0	61,2	141,0	34 300	59 600*	65,0	143,0	24 400	67 400*									52,0
54,0	59,7	139,8	31 600	58 000*	63,6	142,0	22 100	67 000*									54,0
56,0	58,1	138,6	29 100	56 300*	62,1	140,9	20 000	65 200*									56,0
58,0	56,6	137,2	26 800	54 600*	60,6	139,8	18 000	62 500*									58,0
60,0	55,0	135,8	24 700	52 400*	59,1	138,6	16 200	60 000*									60,0
62,0	53,4	134,3	22 600	49 900*	57,6	137,3	14 500	57 300*	61,5	139,2	6 400	57 400*					62,0
64,0	51,7	132,7	20 800	47 500*	56,0	135,9	12 800	54 800*	60,0	138,0	5 000	54 800*					64,0
66,0	50,0	131,1	19 000	45 200*	54,4	134,5	11 300	52 300*	58,5	136,8	3 800	52 300*					66,0
68,0	48,3	129,3	17 300	42 900*	52,8	133,0	9 900	49 900*	56,9	135,5	2 600	50 000*					68,0
70,0	46,5	127,4	15 800	40 700*	51,1	131,3	8 600	47 400*	55,4	134,1	1 500	47 800*					70,0
72,0	44,7	125,3	14 300	38 500*	49,4	129,6	7 300	45 000*	53,8	132,6		45 700*					72,0
74,0	42,7	123,2	12 900	36 400*	47,6	127,8	6 100	42 700*	52,1	131,1		43 800*	56,2	133,1	37 600*		74,0
76,0	40,8	120,9	11 600	34 400*	45,8	125,8	5 000	40 500*	50,4	129,4		41 900*	54,6	131,7	35 700*		76,0
78,0	38,7	118,4	10 300	32 400*	44,0	123,8	3 900	38 300*	48,7	127,6		40 000*	53,0	130,2	33 800*		78,0
80,0	36,5	115,7	9 100	30 500*	42,0	121,6	2 900	36 200*	46,9	125,7		38 100*	51,3	128,6	32 100*		80,0
84,0	31,8	109,6	6 800	26 900*	37,9	116,6	1 000	32 200*	43,2	121,6		34 500*	47,9	125,0	28 800*		84,0
88,0	26,3	102,1	4 700	23 600*	33,4	110,8		28 500*	39,2	116,9		31 300*	44,2	121,1	25 900*		88,0
92,0	19,3	92,1	2 700	20 500*	28,1	103,8		25 000*	34,8	111,4		28 300*	40,3	116,5	23 100*		92,0
96,0	7,0	73,6	600	16 500*	21,8	94,9		21 900*	29,8	104,8		25 500*	36,0	111,2	20 600*		96,0
100,0					12,4	81,1		19 000*	23,8	96,6		22 900*	31,2	105,0	18 300*		100,0
104,0									15,8	84,9		20 100*	25,5	97,2	16 100*		104,0
108,0													18,3	86,8	14 000*		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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

61,0m (200 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

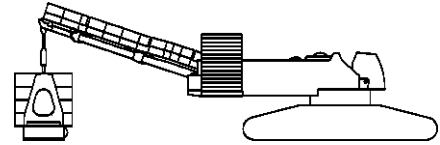
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
42,7	69,4	152,2	49 100	59 700*												42,7	
44,0	68,6	151,7	46 300	59 000*												44,0	
46,0	67,2	150,8	42 500	57 900*												46,0	
48,0	65,9	149,9	39 100	56 700*												48,0	
50,0	64,6	149,0	35 900	55 600*												50,0	
52,0	63,2	147,9	33 000	54 300*	66,8	149,7	22 900	58 200*								52,0	
54,0	61,8	146,9	30 300	53 000*	65,4	148,8	20 600	58 200*								54,0	
56,0	60,4	145,7	27 800	51 100*	64,1	147,8	18 500	57 700*								56,0	
58,0	59,0	144,5	25 500	48 600*	62,7	146,7	16 500	55 500*								58,0	
60,0	57,6	143,2	23 300	46 200*	61,3	145,6	14 700	53 100*								60,0	
62,0	56,1	141,9	21 300	43 900*	59,9	144,5	13 000	50 700*								62,0	
64,0	54,6	140,4	19 400	41 600*	58,5	143,2	11 400	48 300*	62,1	145,0	3 400	53 500*				64,0	
66,0	53,1	138,9	17 600	39 300*	57,0	141,9	9 900	46 000*	60,7	143,9	2 200	51 000*				66,0	
68,0	51,5	137,3	16 000	37 100*	55,6	140,6	8 500	43 700*	59,3	142,7	1 000	48 700*				68,0	
70,0	50,0	135,7	14 500	35 000*	54,1	139,1	7 100	41 400*	57,9	141,5		46 600*				70,0	
72,0	48,3	133,9	13 000	32 900*	52,5	137,6	5 900	39 100*	56,4	140,1		44 500*				72,0	
74,0	46,7	132,0	11 600	30 900*	51,0	135,9	4 700	36 900*	55,0	138,7		42 500*				74,0	
76,0	45,0	130,0	10 200	28 900*	49,4	134,2	3 600	34 800*	53,4	137,2		40 400*				76,0	
78,0	43,2	127,8	9 000	27 000*	47,7	132,4	2 500	32 600*	51,9	135,6		38 400*	55,7	137,8	32 200*	78,0	
80,0	41,3	125,6	7 800	25 200*	46,1	130,5	1 500	30 600*	50,3	134,0		36 200*	54,2	136,3	30 400*	80,0	
84,0	37,4	120,5	5 500	21 700*	42,5	126,2		26 800*	47,1	130,4		32 100*	51,2	133,2	27 200*	84,0	
88,0	33,2	114,7	3 500	18 400*	38,7	121,4		23 100*	43,6	126,3		28 100*	47,9	129,6	24 300*	88,0	
92,0	28,3	107,7	1 600	15 400*	34,6	115,9		19 700*	39,9	121,7		24 400*	44,5	125,7	21 500*	92,0	
96,0	22,4	98,9		12 600*	29,9	109,3		16 600*	35,8	116,3		20 900*	40,9	121,2	19 100*	96,0	
100,0	14,3	86,2		10 000*	24,4	101,2		13 700*	31,4	110,1		17 700*	36,9	116,1	16 800*	100,0	
104,0					17,3	90,2		11 100*	26,2	102,6		14 700*	32,6	110,2	14 600*	104,0	
108,0									19,7	92,7		12 000*	27,6	103,0	12 600*	108,0	
112,0									9,4	76,2		9 600*	21,6	93,9	10 700*	112,0	
116,0													13,0	80,3	8 800*	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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



67,1m (220 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
18,3	72,5	96,0	191 400	252 300*c													18,3
20,0	68,6	95,3	170 700	243 500*b													20,0
22,0	63,9	94,3	151 000	231 700*b													22,0
24,0	59,0	93,1	134 900	219 000*													24,0
26,0	53,8	91,6	121 500	206 200*													26,0
28,0	48,2	89,8	110 100	193 700*	63,4	93,3	93 400	183 800*b									28,0
30,0	42,0	87,6	100 300	180 800*	58,5	92,1	84 900	170 600*									30,0
32,0	34,7	84,8	91 700	168 300*	53,3	90,6	77 600	158 900*									32,0
34,0	25,6	80,8	83 900	153 200*	47,6	88,7	71 200	148 300*									34,0
36,0					41,3	86,5	65 400	138 800*	57,8	90,5	53 000	130 300*					36,0
38,0					34,0	83,6	60 200	130 300*	52,5	88,9	48 700	122 400*					38,0
40,0					24,5	79,5	55 300	122 500*	46,7	87,1	44 800	115 200*					40,0
42,0									40,3	84,7	41 200	108 700*					42,0
44,0									32,7	81,7	37 900	102 800*	51,3	86,7	28 400	96 100*	44,0
46,0									22,7	77,3	34 700	97 200*	45,4	84,7	26 000	91 100*	46,0
48,0													38,8	82,2	23 600	86 400*	48,0
50,0													30,8	79,0	21 500	82 000*	50,0

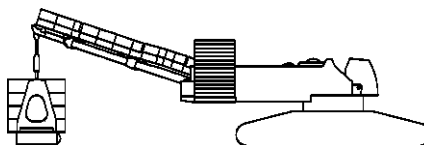
Capacities indicated by (b) require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

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

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	70,2	101,4	156 900	211 400*(b)													21,3
22,0	69,0	101,1	151 100	208 500*(b)													22,0
24,0	65,2	100,2	134 800	199 200*(b)													24,0
26,0	61,3	99,0	121 400	189 200*													26,0
28,0	57,2	97,7	110 100	178 900*													28,0
30,0	52,9	96,2	100 400	168 900*	64,9	99,2	84 200	169 800*									30,0
32,0	48,4	94,4	92 000	159 200*	60,9	98,1	76 900	158 100*									32,0
34,0	43,4	92,3	84 600	150 200*	56,8	96,7	70 600	147 600*									34,0
36,0	37,8	89,7	78 000	142 200*	52,5	95,2	65 000	138 300*									36,0
38,0	31,4	86,6	72 000	135 600*	47,9	93,3	60 000	130 000*									38,0
40,0	23,3	82,2	66 600	128 200*	42,9	91,2	55 500	122 400*	56,2	95,1	43 900	114 400*					40,0
42,0					37,3	88,6	51 300	115 600*	51,8	93,5	40 500	108 100*					42,0
44,0					30,7	85,3	47 500	109 300*	47,2	91,7	37 400	102 300*					44,0
46,0					22,3	80,8	43 900	103 500*	42,1	89,5	34 500	96 900*	55,3	92,9	24 900	90 200*	46,0
48,0									36,4	86,8	31 900	92 000*	50,8	91,3	22 700	85 600*	48,0
50,0									29,6	83,4	29 300	87 400*	46,1	89,3	20 800	81 400*	50,0
52,0									20,8	78,6	26 800	83 100*	40,9	87,1	18 900	77 500*	52,0
54,0													35,0	84,2	17 100	73 800*	54,0
56,0													27,9	80,6	15 400	70 400*	56,0

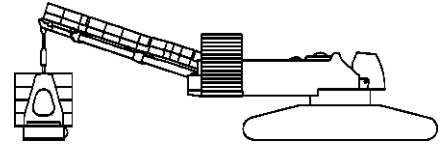
Capacities indicated by (b) require
9 530 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



67,1m (220 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

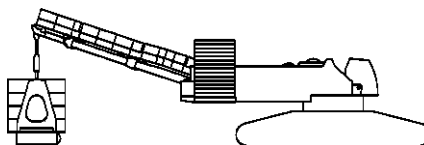
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
22,9	71,1	107,3	142 400	183 400*(b)													22,9
24,0	69,3	106,9	133 800	179 500*(b)													24,0
26,0	66,1	106,0	120 300	172 300*													26,0
28,0	62,9	104,9	109 000	164 500*													28,0
30,0	59,5	103,7	99 300	156 400*													30,0
32,0	56,0	102,4	91 000	148 300*	65,8	105,0	75 200	156 600*									32,0
34,0	52,3	100,8	83 600	140 300*	62,5	103,9	68 900	146 100*									34,0
36,0	48,5	99,0	77 100	132 700*	59,2	102,7	63 400	136 900*									36,0
38,0	44,3	97,0	71 300	125 600*	55,6	101,3	58 400	128 600*									38,0
40,0	39,8	94,6	66 100	119 100*	52,0	99,8	54 000	121 200*	62,0	102,4	41 900	112 800*					40,0
42,0	34,8	91,7	61 400	113 400*	48,1	97,9	50 000	114 400*	58,6	101,2	38 600	106 500*					42,0
44,0	29,0	88,2	57 000	108 800*	43,9	95,9	46 400	108 300*	55,1	99,7	35 600	100 800*					44,0
46,0	21,6	83,6	53 000	104 500*	39,3	93,4	43 000	102 700*	51,4	98,1	32 800	95 500*					46,0
48,0					34,3	90,6	39 900	97 500*	47,5	96,3	30 300	90 700*					48,0
50,0					28,3	87,0	37 000	92 700*	43,2	94,2	27 900	86 300*	54,3	97,5	18 700	79 800*	50,0
52,0					20,7	82,1	34 200	88 100*	38,6	91,7	25 700	82 100*	50,5	95,9	16 900	75 900*	52,0
54,0									33,4	88,7	23 600	78 300*	46,6	94,0	15 300	72 400*	54,0
56,0									27,3	85,0	21 600	74 700*	42,3	91,8	13 700	69 100*	56,0
58,0									19,3	79,8	19 600	71 200*	37,5	89,2	12 300	66 000*	58,0
60,0													32,2	86,1	10 900	63 100*	60,0
62,0													25,8	82,1	9 500	60 300*	62,0
64,0													17,1	76,4	8 000	57 600*	64,0

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

67,1m (220 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	71,7	113,3	130 100	160 300* ^b													24,4
26,0	69,5	112,7	119 500	156 000*													26,0
28,0	66,8	111,8	108 200	150 200*													28,0
30,0	64,0	110,8	98 500	144 100*													30,0
32,0	61,1	109,7	90 200	137 600*													32,0
34,0	58,1	108,4	82 900	131 100*	66,5	110,8	67 800	145 200*									34,0
36,0	55,1	107,0	76 400	124 600*	63,7	109,8	62 200	135 900*									36,0
38,0	51,9	105,4	70 700	118 300*	60,8	108,7	57 300	127 700*									38,0
40,0	48,5	103,6	65 500	112 300*	57,8	107,4	53 000	120 200*									40,0
42,0	45,0	101,6	60 900	106 700*	54,8	106,0	49 000	113 500*									42,0
44,0	41,2	99,3	56 600	101 500*	51,6	104,3	45 400	107 400*	60,4	107,1	34 200	99 700*					44,0
46,0	37,0	96,7	52 800	96 600*	48,2	102,6	42 100	101 800*	57,4	105,8	31 500	94 500*					46,0
48,0	32,4	93,6	49 200	92 500*	44,6	100,5	39 100	96 700*	54,3	104,3	29 000	89 700*					48,0
50,0	27,1	89,8	45 900	89 200*	40,8	98,2	36 400	92 000*	51,1	102,7	26 700	85 300*					50,0
52,0	20,4	84,9	42 700	86 600*	36,6	95,6	33 700	87 700*	47,7	100,9	24 600	81 200*	56,7	103,6	15 500	74 800*	52,0
54,0					31,9	92,4	31 300	83 600*	44,1	98,8	22 600	77 400*	53,6	102,2	13 900	71 300*	54,0
56,0					26,5	88,5	29 100	79 800*	40,2	96,5	20 800	73 900*	50,3	100,5	12 400	68 000*	56,0
58,0					19,6	83,4	26 800	76 100*	36,0	93,7	19 000	70 600*	46,9	98,6	11 000	65 000*	58,0
60,0									31,2	90,5	17 400	67 500*	43,2	96,5	9 800	62 100*	60,0
62,0									25,6	86,5	15 700	64 600*	39,3	94,0	8 500	59 500*	62,0
64,0									18,3	81,0	14 200	61 800*	35,0	91,2	7 300	56 900*	64,0
66,0													30,0	87,8	6 200	54 500*	66,0
68,0													24,2	83,6	5 000	52 200*	68,0
70,0													16,2	77,6	3 800	50 000*	70,0

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

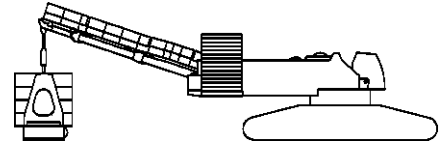


Liftcrane Luffing Jib Capacities

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



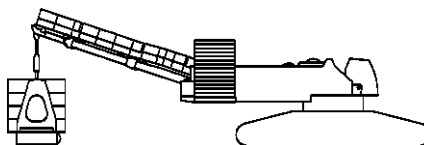
67,1m (220 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	72,1	119,2	118 700	140 200*													25,9
26,0	72,0	119,2	118 100	140 000*													26,0
28,0	69,7	118,4	106 800	135 900*													28,0
30,0	67,3	117,6	97 100	131 400*													30,0
32,0	64,8	116,6	88 800	126 500*													32,0
34,0	62,3	115,5	81 400	121 400*													34,0
36,0	59,7	114,3	75 000	116 200*													36,0
38,0	57,1	113,0	69 300	111 000*	64,6	115,6	55 500	126 100*									38,0
40,0	54,4	111,6	64 200	105 900*	62,1	114,6	51 100	118 700*									40,0
42,0	51,5	110,0	59 500	100 900*	59,5	113,3	47 200	112 000*									42,0
44,0	48,6	108,2	55 400	96 100*	56,8	112,0	43 600	106 000*									44,0
46,0	45,5	106,2	51 600	91 500*	54,1	110,6	40 400	100 400*	61,7	113,0	29 400	92 800*					46,0
48,0	42,2	104,0	48 100	87 300*	51,3	108,9	37 500	95 400*	59,1	111,8	27 000	88 000*					48,0
50,0	38,7	101,6	44 900	83 400*	48,3	107,2	34 700	90 700*	56,4	110,4	24 700	83 700*					50,0
52,0	34,8	98,7	41 800	79 700*	45,2	105,2	32 200	86 400*	53,7	109,0	22 600	79 700*					52,0
54,0	30,5	95,4	39 000	76 800*	41,9	102,9	29 900	82 400*	50,8	107,3	20 700	75 900*					54,0
56,0	25,6	91,4	36 400	74 300*	38,3	100,4	27 700	78 600*	47,8	105,5	18 900	72 400*	55,8	108,3	10 200	66 300*	56,0
58,0	19,3	86,1	33 900	72 600*	34,4	97,5	25 600	75 100*	44,7	103,5	17 300	69 200*	53,1	106,7	8 900	63 300*	58,0
60,0					30,1	94,2	23 700	71 800*	41,3	101,2	15 700	66 200*	50,2	105,1	7 700	60 500*	60,0
62,0					25,0	90,0	21 800	68 800*	37,7	98,6	14 200	63 300*	47,2	103,2	6 500	57 900*	62,0
64,0					18,6	84,6	20 000	65 800*	33,8	95,7	12 700	60 700*	44,0	101,1	5 400	55 400*	64,0
66,0									29,4	92,2	11 400	58 100*	40,6	98,8	4 300	53 100*	66,0
68,0									24,2	88,0	10 100	55 700*	36,9	96,2	3 300	50 800*	68,0
70,0									17,4	82,2	8 700	53 300*	32,9	93,1	2 300	48 700*	70,0
72,0													28,3	89,5	1 400	46 800*	72,0
74,0													22,9	85,0	400	44 800*	74,0
76,0													15,6	78,7		42 900*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

67,1m (220 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	70,9	124,6	101 000	120 900*													29,0
30,0	69,8	124,2	96 200	119 100*													30,0
32,0	67,7	123,3	87 700	115 500*													32,0
34,0	65,5	122,4	80 400	111 700*													34,0
36,0	63,3	121,4	74 000	107 600*													36,0
38,0	61,0	120,3	68 300	103 400*													38,0
40,0	58,7	119,0	63 200	99 200*	65,3	121,4	49 800	117 600*									40,0
42,0	56,3	117,7	58 500	95 000*	63,0	120,4	45 900	110 900*									42,0
44,0	53,8	116,2	54 400	90 800*	60,8	119,3	42 400	104 900*									44,0
46,0	51,3	114,6	50 600	86 800*	58,4	118,0	39 200	99 400*									46,0
48,0	48,6	112,8	47 100	82 900*	56,0	116,7	36 200	94 300*									48,0
50,0	45,9	110,9	43 900	79 300*	53,6	115,2	33 500	89 700*	60,4	117,7	23 300	82 500*					50,0
52,0	43,0	108,7	41 000	75 800*	51,0	113,6	31 000	85 400*	58,1	116,5	21 200	78 500*					52,0
54,0	39,9	106,3	38 300	72 500*	48,4	111,8	28 700	81 400*	55,7	115,1	19 300	74 800*					54,0
56,0	36,6	103,7	35 700	69 600*	45,6	109,8	26 600	77 700*	53,2	113,6	17 500	71 300*					56,0
58,0	33,0	100,6	33 300	66 900*	42,7	107,6	24 600	74 200*	50,6	111,9	15 900	68 100*	57,6	114,3	7 300	62 100*	58,0
60,0	29,0	97,1	31 100	64 600*	39,6	105,2	22 700	71 000*	48,0	110,1	14 400	65 100*	55,1	112,9	6 100	59 300*	60,0
62,0	24,3	92,8	28 900	62 800*	36,2	102,5	21 000	68 000*	45,2	108,1	12 900	62 300*	52,6	111,3	5 000	56 700*	62,0
64,0	18,5	87,3	26 900	61 700*	32,6	99,4	19 300	65 100*	42,2	105,9	11 600	59 700*	50,1	109,7	3 900	54 300*	64,0
66,0					28,5	95,8	17 700	62 400*	39,1	103,5	10 300	57 200*	47,4	107,8	2 900	52 000*	66,0
68,0					23,8	91,5	16 100	59 900*	35,7	100,7	9 000	54 800*	44,5	105,8	1 900	49 800*	68,0
70,0					17,8	85,8	14 600	57 400*	32,0	97,6	7 900	52 600*	41,6	103,5	1 000	47 700*	70,0
72,0									27,9	93,9	6 700	50 500*	38,4	101,0		45 800*	72,0
74,0									23,0	89,4	5 600	48 400*	34,9	98,2		43 900*	74,0
76,0									16,8	83,4	4 500	46 400*	31,2	94,9		42 100*	76,0
78,0													26,9	91,1		40 300*	78,0
80,0													21,8	86,4		38 400*	80,0

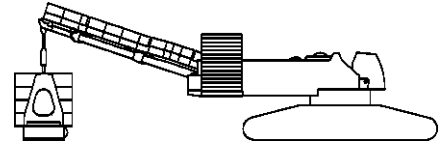


Liftcrane Luffing Jib Capacities

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



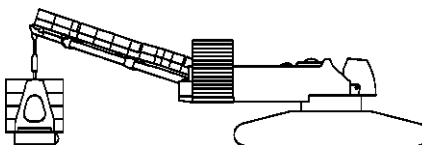
67,1m (220 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	69,9	129,9	86 200	104 500*													32,0
34,0	68,0	129,1	78 900	101 600*													34,0
36,0	66,0	128,2	72 400	98 600*													36,0
38,0	64,0	127,2	66 700	95 300*													38,0
40,0	62,0	126,1	61 600	91 900*													40,0
42,0	59,9	125,0	57 000	88 500*	65,8	127,2	44 000	109 000*									42,0
44,0	57,8	123,7	52 900	85 100*	63,8	126,2	40 500	103 400*									44,0
46,0	55,6	122,3	49 100	81 700*	61,8	125,2	37 300	97 800*									46,0
48,0	53,4	120,8	45 600	78 300*	59,7	124,0	34 300	92 800*									48,0
50,0	51,1	119,2	42 400	75 100*	57,6	122,7	31 700	88 200*									50,0
52,0	48,7	117,4	39 500	71 900*	55,4	121,3	29 200	83 900*	61,5	123,6	19 100	76 800*					52,0
54,0	46,2	115,5	36 800	68 900*	53,1	119,8	26 900	80 000*	59,4	122,4	17 200	73 100*					54,0
56,0	43,6	113,4	34 300	66 100*	50,8	118,2	24 800	76 300*	57,2	121,1	15 500	69 700*					56,0
58,0	40,9	111,1	32 000	63 400*	48,4	116,4	22 900	72 900*	55,0	119,7	13 900	66 500*					58,0
60,0	37,9	108,5	29 800	60 900*	45,9	114,4	21 000	69 700*	52,8	118,2	12 400	63 600*					60,0
62,0	34,8	105,7	27 700	58 700*	43,3	112,3	19 300	66 700*	50,5	116,5	11 000	60 800*	56,8	118,9	2 700	55 000*	62,0
64,0	31,4	102,5	25 800	56 700*	40,6	110,0	17 700	63 800*	48,1	114,7	9 700	58 200*	54,6	117,5	1 700	52 600*	64,0
66,0	27,7	98,7	23 900	54 900*	37,7	107,4	16 200	61 200*	45,5	112,7	8 400	55 700*	52,3	116,0	700	50 300*	66,0
68,0	23,3	94,3	22 100	53 500*	34,5	104,5	14 700	58 700*	42,9	110,6	7 200	53 400*	49,9	114,3		48 100*	68,0
70,0	17,9	88,6	20 400	52 700*	31,1	101,2	13 300	56 300*	40,1	108,2	6 100	51 200*	47,5	112,4		46 100*	70,0
72,0					27,3	97,5	11 900	54 100*	37,2	105,6	5 000	49 100*	45,0	110,4		44 200*	72,0
74,0					22,8	92,9	10 700	51 900*	34,0	102,7	4 000	47 100*	42,3	108,2		42 200*	74,0
76,0					17,2	87,0	9 400	49 800*	30,5	99,3	3 000	45 300*	39,5	105,8		40 200*	76,0
78,0									26,6	95,5	2 000	43 400*	36,5	103,1		38 400*	78,0
80,0									22,1	90,8	1 100	41 700*	33,3	100,1		36 600*	80,0
84,0													25,7	92,7		33 200*	84,0
88,0													14,6	80,9		30 000*	88,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

67,1m (220 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

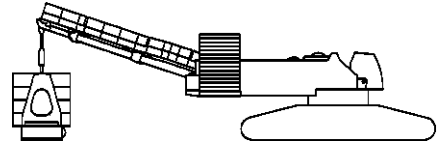
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
35,1	69,1	135,3	74 200	90 800*												35,1	
36,0	68,2	134,9	71 300	89 700*												36,0	
38,0	66,4	134,0	65 500	87 300*												38,0	
40,0	64,6	133,0	60 400	84 700*												40,0	
42,0	62,8	132,0	55 800	82 000*												42,0	
44,0	60,9	130,9	51 600	79 200*	66,3	133,0	39 000	96 700*								44,0	
46,0	59,0	129,7	47 900	76 400*	64,4	132,1	35 900	96 200*								46,0	
48,0	57,0	128,4	44 400	73 600*	62,6	131,0	32 900	91 800*								48,0	
50,0	55,0	126,9	41 300	70 800*	60,7	129,9	30 300	87 000*								50,0	
52,0	53,0	125,4	38 300	68 100*	58,8	128,7	27 900	82 800*								52,0	
54,0	50,9	123,8	35 600	65 400*	56,8	127,3	25 600	78 800*	62,3	129,5	15 600	71 900*				54,0	
56,0	48,7	122,0	33 200	62 900*	54,8	125,9	23 500	75 200*	60,4	128,3	13 900	68 500*				56,0	
58,0	46,4	120,1	30 800	60 400*	52,8	124,4	21 500	71 800*	58,5	127,1	12 400	65 400*				58,0	
60,0	44,1	118,1	28 700	58 000*	50,7	122,7	19 700	68 600*	56,5	125,8	10 900	62 400*				60,0	
62,0	41,6	115,8	26 600	55 800*	48,5	121,0	18 000	65 600*	54,5	124,3	9 500	59 600*				62,0	
64,0	39,0	113,3	24 700	53 800*	46,2	119,1	16 400	62 800*	52,5	122,8	8 200	57 000*				64,0	
66,0	36,3	110,6	22 900	51 800*	43,8	117,0	14 900	60 200*	50,3	121,1	6 900	54 600*	56,1	123,6	49 100*	66,0	
68,0	33,3	107,6	21 200	50 100*	41,4	114,7	13 500	57 700*	48,1	119,3	5 800	52 300*	54,1	122,1	46 900*	68,0	
70,0	30,1	104,2	19 600	48 500*	38,8	112,2	12 100	55 400*	45,9	117,4	4 700	50 100*	52,0	120,6	44 800*	70,0	
72,0	26,5	100,3	18 000	47 100*	36,0	109,5	10 800	53 200*	43,5	115,3	3 700	48 000*	49,9	118,9	42 700*	72,0	
74,0	22,4	95,7	16 600	46 200*	33,0	106,4	9 600	51 000*	41,0	113,0	2 700	46 100*	47,7	117,0	40 700*	74,0	
76,0	17,3	89,7	15 100	44 700*	29,8	103,0	8 400	49 000*	38,4	110,4	1 700	44 200*	45,4	115,1	38 700*	76,0	
78,0					26,2	99,0	7 300	47 100*	35,6	107,7	800	42 500*	43,0	112,9	36 900*	78,0	
80,0					21,9	94,3	6 200	45 300*	32,6	104,6		40 800*	40,4	110,6	35 100*	80,0	
84,0									25,6	97,0		37 600*	34,9	105,2	31 900*	84,0	
88,0									15,7	85,7		34 400*	28,5	98,4	28 900*	88,0	
92,0													20,2	89,0	26 000*	92,0	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



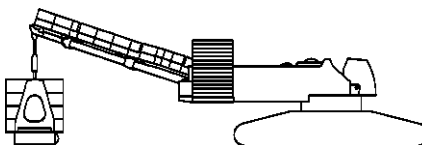
67,1m (220 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
36,6	69,6	141,2	67 900	80 400*													36,6
38,0	68,4	140,7	63 900	79 100*													38,0
40,0	66,8	139,8	58 800	77 100*													40,0
42,0	65,1	138,9	54 200	75 100*													42,0
44,0	63,4	137,8	50 000	72 900*													44,0
46,0	61,7	136,7	46 300	70 700*	66,6	138,8	33 900	83 600*									46,0
48,0	60,0	135,6	42 800	68 500*	65,0	137,9	31 000	83 600*									48,0
50,0	58,2	134,3	39 700	66 200*	63,3	136,9	28 400	83 400*									50,0
52,0	56,4	133,0	36 800	63 900*	61,6	135,8	26 000	81 300*									52,0
54,0	54,6	131,6	34 100	61 700*	59,8	134,6	23 700	77 300*									54,0
56,0	52,7	130,0	31 600	59 400*	58,0	133,3	21 700	73 700*									56,0
58,0	50,7	128,4	29 300	57 300*	56,2	132,0	19 700	70 300*	61,3	134,2	10 300	63 700*					58,0
60,0	48,7	126,6	27 100	55 100*	54,4	130,5	17 900	67 200*	59,6	133,0	8 800	60 700*					60,0
62,0	46,6	124,7	25 100	53 100*	52,5	129,0	16 200	64 200*	57,8	131,8	7 400	58 000*					62,0
64,0	44,5	122,7	23 200	51 200*	50,5	127,3	14 700	61 400*	56,0	130,4	6 100	55 400*					64,0
66,0	42,3	120,5	21 400	49 300*	48,5	125,6	13 100	58 800*	54,1	128,9	4 900	53 000*					66,0
68,0	39,9	118,1	19 800	47 600*	46,4	123,7	11 700	56 300*	52,2	127,4	3 800	50 700*					68,0
70,0	37,5	115,5	18 200	45 900*	44,3	121,6	10 400	54 000*	50,2	125,7	2 700	48 600*	55,6	128,2	42 600*		70,0
72,0	34,8	112,7	16 700	44 400*	42,0	119,4	9 200	51 800*	48,2	123,9	1 700	46 500*	53,7	126,7	40 500*		72,0
74,0	32,0	109,5	15 300	43 000*	39,7	117,0	8 000	49 700*	46,1	122,0	800	44 600*	51,8	125,2	38 500*		74,0
76,0	29,0	105,9	13 900	41 800*	37,2	114,4	6 800	47 700*	44,0	119,9		42 800*	49,8	123,5	36 600*		76,0
78,0	25,6	101,9	12 600	40 700*	34,6	111,5	5 700	45 900*	41,7	117,7		41 000*	47,8	121,6	34 800*		78,0
80,0	21,6	97,1	11 300	40 000*	31,7	108,3	4 700	44 000*	39,3	115,2		39 400*	45,7	119,7	33 100*		80,0
84,0					25,2	100,6	2 700	40 700*	34,2	109,7		36 000*	41,2	115,3	29 900*		84,0
88,0					16,2	89,3	800	37 500*	28,2	102,7		32 700*	36,3	110,1	26 900*		88,0
92,0									20,5	93,4		29 700*	30,6	103,8	24 300*		92,0
96,0													23,8	95,6	21 700*		96,0
100,0													13,9	83,1	19 200*		100,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

67,1m (220 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

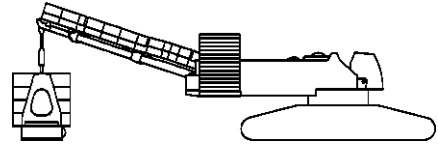
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
39,6	68,9	146,6	58 400	70 100*												39,6	
40,0	68,6	146,4	57 500	69 800*												40,0	
42,0	67,1	145,6	52 900	68 300*												42,0	
44,0	65,6	144,6	48 700	66 700*												44,0	
46,0	64,0	143,7	45 000	64 900*												46,0	
48,0	62,4	142,6	41 500	63 100*	66,9	144,6	29 600	72 600*								48,0	
50,0	60,8	141,5	38 400	61 300*	65,4	143,7	26 900	72 600*								50,0	
52,0	59,2	140,3	35 500	59 500*	63,9	142,7	24 500	72 600*								52,0	
54,0	57,6	139,0	32 800	57 600*	62,3	141,6	22 200	72 400*								54,0	
56,0	55,9	137,6	30 300	55 700*	60,7	140,5	20 200	71 500*								56,0	
58,0	54,2	136,2	28 000	53 800*	59,1	139,3	18 200	69 200*								58,0	
60,0	52,4	134,6	25 900	52 100*	57,4	138,0	16 500	66 000*	62,0	140,1	7 200	59 500*				60,0	
62,0	50,6	133,0	23 900	50 200*	55,7	136,6	14 800	63 100*	60,4	138,9	5 800	56 800*				62,0	
64,0	48,7	131,2	22 000	48 500*	54,0	135,2	13 200	60 300*	58,8	137,7	4 600	54 200*				64,0	
66,0	46,8	129,4	20 200	46 800*	52,2	133,6	11 700	57 700*	57,2	136,4	3 400	51 800*				66,0	
68,0	44,9	127,3	18 500	45 200*	50,4	131,9	10 300	55 200*	55,5	135,0	2 300	49 500*				68,0	
70,0	42,8	125,2	17 000	43 600*	48,6	130,2	9 000	52 900*	53,7	133,6	1 200	47 400*				70,0	
72,0	40,7	122,8	15 500	42 200*	46,6	128,3	7 800	50 700*	52,0	132,0		45 300*	56,8	134,3	38 800*	72,0	
74,0	38,4	120,3	14 100	40 800*	44,7	126,2	6 600	48 700*	50,1	130,3		43 400*	55,1	132,9	36 800*	74,0	
76,0	36,1	117,6	12 700	39 500*	42,6	124,1	5 500	46 700*	48,3	128,5		41 600*	53,3	131,4	35 000*	76,0	
78,0	33,6	114,6	11 500	38 300*	40,5	121,7	4 400	44 800*	46,3	126,6		39 700*	51,6	129,8	33 200*	78,0	
80,0	30,9	111,3	10 200	37 000*	38,2	119,2	3 400	43 000*	44,4	124,6		37 900*	49,7	128,1	31 500*	80,0	
84,0	24,7	103,4	7 900	33 500*	33,3	113,4	1 500	39 600*	40,1	120,0		34 500*	45,9	124,3	28 300*	84,0	
88,0	16,4	92,1	5 700	30 300*	27,7	106,4		35 800*	35,5	114,7		31 400*	41,8	120,0	25 400*	88,0	
92,0					20,5	97,0		32 300*	30,2	108,2		28 400*	37,4	115,0	22 800*	92,0	
96,0									23,8	100,0		25 700*	32,3	109,0	20 300*	96,0	
100,0									15,0	88,0		23 100*	26,5	101,6	18 000*	100,0	
104,0													19,0	91,6	15 800*	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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



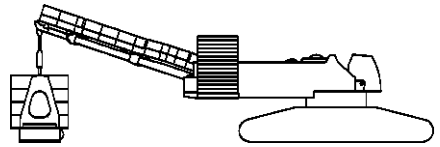
67,1m (220 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
42,7	68,3	151,9	49 800	61 100*												42,7	
44,0	67,4	151,4	47 100	60 300*												44,0	
46,0	65,9	150,4	43 300	58 900*												46,0	
48,0	64,5	149,5	39 900	57 500*												48,0	
50,0	63,0	148,4	36 700	56 100*												50,0	
52,0	61,6	147,4	33 800	54 600*	65,8	149,5	22 600	63 000*								52,0	
54,0	60,1	146,2	31 200	53 100*	64,4	148,5	20 300	63 000*								54,0	
56,0	58,5	145,0	28 700	51 600*	62,9	147,5	18 300	63 000*								56,0	
58,0	57,0	143,7	26 400	50 000*	61,4	146,4	16 400	62 600*								58,0	
60,0	55,4	142,3	24 300	48 500*	59,9	145,2	14 600	60 200*								60,0	
62,0	53,8	140,8	22 200	47 000*	58,4	144,0	12 900	57 800*								62,0	
64,0	52,2	139,2	20 400	45 500*	56,8	142,6	11 400	55 300*	61,2	144,8	2 500	52 600*				64,0	
66,0	50,5	137,6	18 600	44 000*	55,3	141,3	9 900	52 900*	59,7	143,6	1 300	50 200*				66,0	
68,0	48,8	135,8	17 000	42 600*	53,6	139,8	8 500	50 600*	58,2	142,4		47 900*				68,0	
70,0	47,0	134,0	15 400	40 900*	52,0	138,2	7 200	48 200*	56,6	141,1		45 800*				70,0	
72,0	45,2	132,0	13 900	38 700*	50,3	136,5	6 000	45 900*	55,0	139,7		43 600*				72,0	
74,0	43,3	129,8	12 500	36 700*	48,6	134,8	4 900	43 600*	53,4	138,2		41 500*				74,0	
76,0	41,3	127,6	11 200	34 700*	46,8	132,9	3 700	41 400*	51,8	136,6		39 600*	56,3	138,9	32 700*	76,0	
78,0	39,3	125,1	9 900	32 800*	45,0	130,9	2 700	39 200*	50,1	134,9		37 700*	54,7	137,5	31 000*	78,0	
80,0	37,1	122,5	8 800	30 800*	43,1	128,7	1 700	37 100*	48,3	133,1		35 800*	53,0	136,0	29 300*	80,0	
84,0	32,5	116,5	6 500	27 300*	39,0	124,0		33 100*	44,7	129,2		32 500*	49,7	132,7	26 200*	84,0	
88,0	27,1	109,2	4 400	23 900*	34,6	118,5		29 400*	40,8	124,7		29 400*	46,1	128,9	23 300*	88,0	
92,0	20,4	99,7	2 400	20 900*	29,6	111,8		25 900*	36,6	119,6		26 600*	42,4	124,7	20 700*	92,0	
96,0					23,6	103,5		22 600*	31,8	113,5		24 000*	38,3	119,8	18 300*	96,0	
100,0					15,5	91,6		19 700*	26,3	106,0		21 400*	33,7	114,1	16 100*	100,0	
104,0									19,4	96,0		19 100*	28,6	107,2	14 000*	104,0	
108,0													22,3	98,5	12 000*	108,0	
112,0													13,4	85,3	10 100*	112,0	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

67,1m (220 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

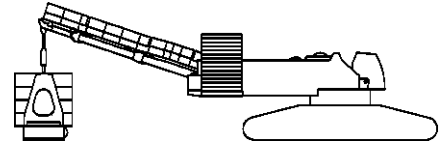
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
44,2	68,8	157,9	45 400	54 100*											44,2
46,0	67,6	157,1	42 000	53 100*											46,0
48,0	66,3	156,2	38 500	52 100*											48,0
50,0	64,9	155,3	35 400	51 000*											50,0
52,0	63,6	154,3	32 500	49 800*	67,5	156,2	21 000	54 600*							52,0
54,0	62,2	153,2	29 800	48 600*	66,1	155,3	18 800	54 600*							54,0
56,0	60,8	152,1	27 300	47 400*	64,8	154,3	16 800	54 600*							56,0
58,0	59,4	150,9	25 000	46 100*	63,4	153,3	14 800	54 500*							58,0
60,0	58,0	149,6	22 900	44 900*	62,1	152,2	13 100	53 400*							60,0
62,0	56,5	148,3	20 900	43 600*	60,7	151,1	11 400	51 100*							62,0
64,0	55,0	146,9	19 000	41 600*	59,2	149,9	9 900	48 800*							64,0
66,0	53,5	145,4	17 300	39 500*	57,8	148,6	8 400	46 600*	61,8	150,7	48 900*				66,0
68,0	52,0	143,9	15 600	37 400*	56,4	147,3	7 100	44 400*	60,5	149,6	46 500*				68,0
70,0	50,4	142,2	14 100	35 300*	54,9	145,9	5 800	42 200*	59,0	148,4	44 200*				70,0
72,0	48,8	140,4	12 600	33 200*	53,4	144,4	4 500	39 900*	57,6	147,1	42 000*				72,0
74,0	47,1	138,6	11 200	31 200*	51,8	142,8	3 400	37 800*	56,1	145,7	39 900*				74,0
76,0	45,4	136,6	9 900	29 300*	50,2	141,1	2 300	35 600*	54,6	144,3	37 900*				76,0
78,0	43,7	134,5	8 700	27 400*	48,6	139,4	1 300	33 600*	53,1	142,8	36 000*	57,3	144,9	29 300*	78,0
80,0	41,8	132,3	7 500	25 500*	46,9	137,5		31 500*	51,6	141,2	34 300*	55,8	143,6	27 600*	80,0
84,0	38,0	127,3	5 300	22 100*	43,5	133,4		27 600*	48,4	137,7	30 900*	52,8	140,6	24 500*	84,0
88,0	33,8	121,6	3 200	18 800*	39,8	128,8		24 000*	45,0	133,8	27 900*	49,6	137,3	21 700*	88,0
92,0	29,0	114,8	1 300	15 700*	35,7	123,4		20 500*	41,4	129,4	25 100*	46,3	133,5	19 100*	92,0
96,0	23,3	106,3		12 900*	31,2	117,2		17 400*	37,5	124,4	22 200*	42,8	129,4	16 800*	96,0
100,0	15,7	94,4		10 400*	26,0	109,6		14 400*	33,2	118,6	18 900*	39,0	124,6	14 600*	100,0
104,0					19,5	99,6		11 700*	28,3	111,6	15 900*	34,9	119,1	12 500*	104,0
108,0									22,5	102,8	13 000*	30,3	112,6	10 600*	108,0
112,0									14,4	90,2	10 500*	24,9	104,7	8 800*	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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



73,2m (240 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
19,8	70,2	101,7	172 200	215 800*c													19,8
20,0	69,8	101,6	170 300	214 900*c													20,0
22,0	65,2	100,7	150 500	205 700*b													22,0
24,0	60,4	99,5	134 400	195 500*b													24,0
26,0	55,2	98,1	121 000	184 900*													26,0
28,0	49,7	96,4	109 700	174 700*	66,0	99,9	90 800	181 200*b									28,0
30,0	43,7	94,3	99 900	165 100*	61,2	98,8	82 600	168 200*									30,0
32,0	36,8	91,7	91 300	156 600*	56,1	97,4	75 400	156 600*									32,0
34,0	28,3	88,1	83 700	149 300*	50,7	95,7	69 200	146 200*									34,0
36,0	15,3	82,2	76 300	123 400*	44,7	93,7	63 500	136 900*									36,0
38,0					38,0	91,2	58 500	128 600*	56,7	96,1	45 500	119 600*					38,0
40,0					29,9	87,9	53 800	121 000*	51,3	94,5	41 800	112 600*					40,0
42,0					18,2	82,6	49 300	113 900*	45,4	92,5	38 400	106 300*					42,0
44,0									38,8	90,0	35 300	100 500*					44,0
46,0									30,9	86,8	32 400	95 200*	51,5	92,5	22 300	88 100*	46,0
48,0									19,9	81,9	29 500	90 100*	45,6	90,5	20 200	83 600*	48,0
50,0													39,1	88,1	18 200	79 400*	50,0
52,0													31,2	84,9	16 300	75 400*	52,0
54,0													20,4	80,1	14 400	71 700*	54,0

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

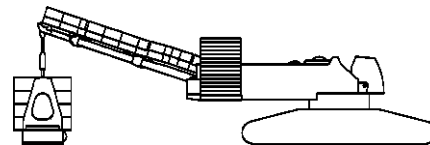
Capacities indicated by **(c)** require
 16 780 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



73,2m (240 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	71,2	107,7	156 300	187 500* b													21,3
22,0	70,0	107,4	150 500	185 200* b													22,0
24,0	66,3	106,5	134 200	177 700* b													24,0
26,0	62,4	105,4	120 900	169 500*													26,0
28,0	58,3	104,2	109 600	161 100*													28,0
30,0	54,1	102,7	99 900	152 600*													30,0
32,0	49,6	101,0	91 500	144 400*	63,0	104,7	74 600	155 800*									32,0
34,0	44,7	99,0	84 100	136 600*	59,0	103,4	68 500	145 500*									34,0
36,0	39,4	96,5	77 600	129 700*	54,8	102,0	63 000	136 300*									36,0
38,0	33,2	93,6	71 700	123 700*	50,4	100,3	58 100	128 100*									38,0
40,0	25,7	89,6	66 300	119 400*	45,6	98,4	53 700	120 700*	59,5	102,1	40 800	111 800*					40,0
42,0	14,4	83,3	61 000	105 400*	40,3	96,0	49 700	113 900*	55,3	100,7	37 500	105 500*					42,0
44,0					34,3	93,2	46 000	107 800*	50,9	99,1	34 600	99 800*					44,0
46,0					27,1	89,4	42 500	102 100*	46,1	97,1	31 900	94 600*					46,0
48,0					16,8	83,8	39 100	96 700*	40,9	94,8	29 400	89 800*	55,4	98,7	19 100	82 600*	48,0
50,0									35,0	92,0	27 000	85 400*	51,0	97,1	17 300	78 500*	50,0
52,0									28,0	88,4	24 700	81 200*	46,3	95,2	15 600	74 800*	52,0
54,0									18,3	83,1	22 400	77 200*	41,1	92,9	13 900	71 300*	54,0
56,0													35,3	90,1	12 400	68 000*	56,0
58,0													28,3	86,5	11 000	64 900*	58,0
60,0													18,7	81,3	9 400	61 800*	60,0

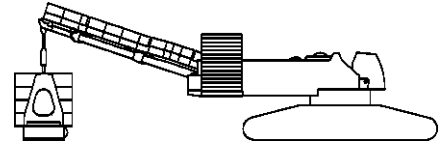
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 42,7m Mast No. 56
 223 170 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



73,2m (240 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

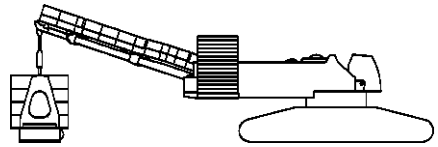
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	69,5	113,0	130 300	159 300*(b)													24,4
26,0	67,0	112,3	119 700	154 300*													26,0
28,0	63,7	111,3	108 400	147 700*													28,0
30,0	60,4	110,1	98 800	140 900*													30,0
32,0	56,9	108,8	90 400	134 000*	67,5	111,5	72 800	154 200*									32,0
34,0	53,3	107,3	83 100	127 200*	64,3	110,5	66 700	144 000*									34,0
36,0	49,5	105,6	76 700	120 600*	61,0	109,4	61 300	134 800*									36,0
38,0	45,4	103,6	70 900	114 500*	57,5	108,1	56 500	126 700*									38,0
40,0	41,1	101,3	65 700	108 700*	53,9	106,6	52 100	119 300*									40,0
42,0	36,2	98,6	61 000	103 800*	50,2	104,9	48 200	112 700*	61,3	108,0	35 500	103 900*					42,0
44,0	30,6	95,3	56 700	99 600*	46,1	103,0	44 700	106 600*	57,9	106,8	32 600	98 200*					44,0
46,0	23,8	91,1	52 600	96 500*	41,8	100,8	41 400	101 100*	54,3	105,3	29 900	93 100*					46,0
48,0	13,7	84,4	48 600	88 300*	37,0	98,2	38 400	96 000*	50,6	103,7	27 500	88 400*					48,0
50,0					31,6	95,0	35 600	91 200*	46,6	101,7	25 300	84 000*					50,0
52,0					25,1	90,9	33 000	86 800*	42,3	99,6	23 300	80 000*	54,5	103,3	13 400	73 100*	52,0
54,0					15,9	84,9	30 300	82 600*	37,6	97,0	21 300	76 300*	50,7	101,7	11 900	69 700*	54,0
56,0									32,2	93,9	19 400	72 800*	46,7	99,8	10 600	66 500*	56,0
58,0									25,9	89,9	17 700	69 400*	42,5	97,6	9 200	63 500*	58,0
60,0									17,2	84,2	15 800	66 300*	37,8	95,1	7 900	60 600*	60,0
62,0													32,4	92,0	6 700	58 000*	62,0
64,0													26,1	88,1	5 500	55 400*	64,0
66,0													17,5	82,5	4 300	53 000*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

73,2m (240 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

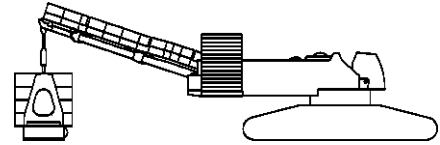
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	68,3	118,3	110 600	136 400*													27,4
28,0	67,5	118,1	107 700	135 000*													28,0
30,0	64,7	117,1	98 000	129 700*													30,0
32,0	61,9	116,0	89 600	124 200*													32,0
34,0	58,9	114,8	82 400	118 600*													34,0
36,0	55,9	113,4	75 900	113 000*	65,2	116,3	60 100	133 800*									36,0
38,0	52,7	111,9	70 200	107 600*	62,4	115,3	55 300	125 700*									38,0
40,0	49,4	110,2	65 100	102 300*	59,4	114,1	51 000	118 300*									40,0
42,0	45,9	108,2	60 500	97 400*	56,4	112,7	47 200	111 700*									42,0
44,0	42,2	106,0	56 200	92 800*	53,3	111,2	43 600	105 700*									44,0
46,0	38,2	103,5	52 400	88 600*	50,0	109,5	40 500	100 200*	59,8	112,7	28 600	92 000*					46,0
48,0	33,7	100,6	48 800	84 900*	46,5	107,6	37 500	95 200*	56,8	111,4	26 300	87 300*					48,0
50,0	28,6	97,0	45 500	81 800*	42,9	105,5	34 800	90 500*	53,6	109,9	24 100	83 000*					50,0
52,0	22,3	92,4	42 400	79 700*	38,9	103,0	32 300	86 200*	50,4	108,2	22 000	79 000*					52,0
54,0	13,2	85,4	39 300	74 900*	34,5	100,1	30 000	82 200*	46,9	106,4	20 200	75 300*	56,9	109,4	10 500	68 500*	54,0
56,0					29,5	96,7	27 800	78 500*	43,3	104,2	18 400	71 900*	53,7	107,9	9 100	65 400*	56,0
58,0					23,5	92,3	25 600	75 000*	39,3	101,8	16 800	68 700*	50,5	106,3	7 800	62 400*	58,0
60,0					15,1	86,0	23 500	71 600*	35,0	99,0	15 200	65 700*	47,1	104,4	6 700	59 600*	60,0
62,0									30,1	95,6	13 700	62 900*	43,4	102,3	5 600	57 100*	62,0
64,0									24,2	91,4	12 300	60 200*	39,5	99,9	4 500	54 600*	64,0
66,0									16,3	85,4	10 800	57 500*	35,2	97,1	3 500	52 300*	66,0
68,0													30,3	93,7	2 500	50 100*	68,0
70,0													24,5	89,5	1 500	48 000*	70,0
72,0													16,6	83,6		45 900*	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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



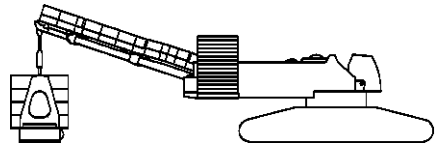
73,2m (240 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	69,2	124,3	101 300	120 400*													29,0
30,0	67,9	123,9	96 600	118 300*													30,0
32,0	65,5	122,9	88 100	114 200*													32,0
34,0	63,0	121,9	80 900	109 800*													34,0
36,0	60,4	120,7	74 500	105 200*													36,0
38,0	57,8	119,5	68 800	100 700*	65,9	122,2	53 300	124 000*									38,0
40,0	55,1	118,1	63 700	96 200*	63,4	121,1	49 100	116 800*									40,0
42,0	52,3	116,5	59 100	91 800*	60,9	120,0	45 300	110 200*									42,0
44,0	49,4	114,8	54 900	87 500*	58,2	118,7	41 800	104 200*									44,0
46,0	46,3	112,9	51 100	83 500*	55,6	117,4	38 700	98 800*									46,0
48,0	43,1	110,7	47 700	79 800*	52,8	115,8	35 800	93 800*	61,1	118,6	24 100	85 600*					48,0
50,0	39,6	108,3	44 400	76 300*	49,9	114,1	33 100	89 100*	58,5	117,4	22 000	81 300*					50,0
52,0	35,9	105,6	41 500	73 200*	46,8	112,2	30 700	84 900*	55,9	116,0	20 000	77 400*					52,0
54,0	31,7	102,4	38 700	70 400*	43,6	110,2	28 400	81 000*	53,1	114,5	18 200	73 800*					54,0
56,0	27,0	98,6	36 100	68 200*	40,2	107,8	26 300	77 300*	50,2	112,8	16 500	70 400*					56,0
58,0	21,2	93,8	33 600	66 600*	36,5	105,1	24 300	73 800*	47,2	111,0	14 900	67 200*	56,0	114,1	5 600	60 700*	58,0
60,0	12,8	86,5	31 000	63 300*	32,4	102,0	22 400	70 600*	44,0	108,9	13 400	64 300*	53,2	112,6	4 400	57 900*	60,0
62,0					27,8	98,3	20 700	67 600*	40,6	106,6	12 000	61 500*	50,3	110,9	3 400	55 400*	62,0
64,0					22,2	93,7	18 900	64 700*	36,9	103,9	10 700	58 900*	47,3	109,0	2 400	53 000*	64,0
66,0					14,6	87,1	17 200	61 900*	32,9	100,9	9 400	56 400*	44,1	107,0	1 500	50 700*	66,0
68,0									28,4	97,3	8 200	54 100*	40,7	104,6	600	48 600*	68,0
70,0									22,9	92,8	7 000	51 800*	37,1	102,0		46 600*	70,0
72,0									15,6	86,5	5 700	49 600*	33,1	99,0		44 700*	72,0
74,0													28,5	95,4		42 800*	74,0
76,0													23,1	90,9		41 000*	76,0
78,0													15,9	84,8		39 000*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

73,2m (240 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

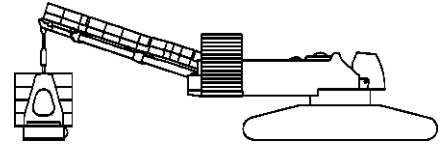
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	68,2	129,6	87 100	104 300*													32,0
34,0	66,1	128,7	79 800	101 000*													34,0
36,0	63,8	127,7	73 400	97 400*													36,0
38,0	61,6	126,6	67 700	93 700*													38,0
40,0	59,3	125,4	62 600	90 000*	66,4	127,9	47 700	113 500*									40,0
42,0	56,9	124,1	58 000	86 300*	64,2	127,0	43 900	109 400*									42,0
44,0	54,5	122,7	53 900	82 600*	62,0	125,9	40 500	103 100*									44,0
46,0	52,0	121,1	50 100	79 100*	59,7	124,7	37 400	97 600*									46,0
48,0	49,3	119,4	46 700	75 600*	57,3	123,4	34 500	92 700*									48,0
50,0	46,6	117,5	43 500	72 400*	54,9	122,0	31 900	88 100*									50,0
52,0	43,8	115,4	40 600	69 300*	52,4	120,4	29 400	83 900*	59,9	123,3	18 500	76 200*					52,0
54,0	40,7	113,1	37 900	66 400*	49,8	118,7	27 200	80 000*	57,6	122,1	16 700	72 600*					54,0
56,0	37,5	110,5	35 300	63 700*	47,1	116,9	25 100	76 300*	55,2	120,7	15 000	69 200*					56,0
58,0	34,0	107,6	33 000	61 400*	44,2	114,8	23 200	72 900*	52,7	119,1	13 500	66 100*					58,0
60,0	30,1	104,2	30 700	59 300*	41,2	112,5	21 400	69 700*	50,1	117,4	12 100	63 100*					60,0
62,0	25,6	100,1	28 600	57 600*	38,0	110,0	19 700	66 700*	47,4	115,6	10 700	60 400*	55,2	118,7	1 800	54 200*	62,0
64,0	20,2	95,1	26 500	56 500*	34,6	107,1	18 100	63 900*	44,6	113,6	9 400	57 800*	52,7	117,2	900	51 800*	64,0
66,0	12,6	87,6	24 500	54 200*	30,8	103,8	16 500	61 300*	41,6	111,3	8 200	55 400*	50,2	115,5		49 600*	66,0
68,0					26,4	99,9	15 000	58 800*	38,4	108,8	7 000	53 100*	47,5	113,6		47 500*	68,0
70,0					21,2	95,1	13 600	56 400*	35,0	106,0	5 900	51 000*	44,7	111,6		45 500*	70,0
72,0					14,1	88,2	12 100	54 000*	31,2	102,7	4 900	48 900*	41,7	109,4		43 600*	72,0
74,0									26,9	98,9	3 900	46 900*	38,5	106,9		41 600*	74,0
76,0									21,9	94,2	2 800	45 000*	35,1	104,0		39 800*	76,0
78,0									15,1	87,6	1 800	43 100*	31,3	100,8		37 900*	78,0
80,0													27,1	97,0		36 200*	80,0
84,0													15,4	85,9		32 700*	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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



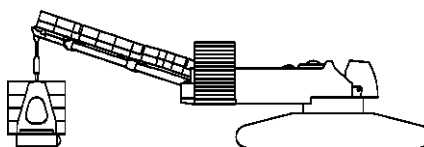
73,2m (240 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
35,1	67,5	135,0	74 700	90 600*												35,1
36,0	66,5	134,5	71 900	89 300*												36,0
38,0	64,5	133,6	66 100	86 400*												38,0
40,0	62,5	132,5	61 000	83 400*												40,0
42,0	60,4	131,4	56 500	80 300*	66,8	133,7	41 900	100 100*								42,0
44,0	58,3	130,1	52 300	77 300*	64,9	132,8	38 500	98 600*								44,0
46,0	56,2	128,8	48 600	74 200*	62,8	131,7	35 400	96 100*								46,0
48,0	54,0	127,3	45 100	71 300*	60,8	130,6	32 600	91 100*								48,0
50,0	51,7	125,7	42 000	68 300*	58,7	129,4	30 000	86 600*								50,0
52,0	49,3	124,0	39 100	65 500*	56,5	128,1	27 600	82 400*								52,0
54,0	46,9	122,1	36 400	62 900*	54,3	126,6	25 400	78 500*	61,0	129,2	14 500	70 900*				54,0
56,0	44,3	120,1	33 900	60 300*	52,1	125,0	23 300	74 900*	58,9	128,0	12 900	67 600*				56,0
58,0	41,6	117,8	31 600	57 900*	49,7	123,3	21 400	71 500*	56,8	126,7	11 400	64 500*				58,0
60,0	38,7	115,3	29 400	55 700*	47,3	121,5	19 600	68 300*	54,6	125,3	10 000	61 600*				60,0
62,0	35,7	112,6	27 300	53 700*	44,7	119,4	18 000	65 400*	52,3	123,7	8 700	58 800*				62,0
64,0	32,4	109,4	25 400	51 800*	42,0	117,2	16 400	62 600*	50,0	122,0	7 400	56 300*	56,8	124,7	50 000*	64,0
66,0	28,7	105,9	23 600	50 300*	39,2	114,8	14 900	60 000*	47,5	120,2	6 300	53 900*	54,7	123,3	47 800*	66,0
68,0	24,5	101,6	21 800	49 000*	36,2	112,1	13 500	57 500*	45,0	118,2	5 100	51 600*	52,4	121,7	45 500*	68,0
70,0	19,4	96,3	20 100	48 200*	32,9	109,0	12 100	55 200*	42,3	116,0	4 100	49 500*	50,1	120,1	43 400*	70,0
72,0	12,3	88,6	18 400	46 600*	29,3	105,6	10 900	53 000*	39,5	113,6	3 100	47 400*	47,6	118,2	41 400*	72,0
74,0					25,3	101,4	9 600	50 900*	36,5	110,9	2 100	45 500*	45,1	116,2	39 500*	74,0
76,0					20,4	96,4	8 400	48 800*	33,3	107,9	1 200	43 700*	42,4	114,1	37 600*	76,0
78,0					13,8	89,3	7 100	46 800*	29,8	104,5		41 900*	39,6	111,7	35 900*	78,0
80,0									25,7	100,4		40 300*	36,7	109,0	34 200*	80,0
84,0									14,7	88,8		36 900*	29,9	102,6	31 000*	84,0
88,0													21,2	93,7	28 000*	88,0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

73,2m (240 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
38,1	66,8	140,3	64 600	79 000*												38,1	
40,0	65,1	139,4	59 800	76 800*												40,0	
42,0	63,3	138,4	55 200	74 400*												42,0	
44,0	61,4	137,2	51 100	72 000*												44,0	
46,0	59,5	136,1	47 300	69 500*	65,4	138,6	34 000	87 400*								46,0	
48,0	57,6	134,8	43 900	67 000*	63,6	137,6	31 100	85 700*								48,0	
50,0	55,6	133,4	40 800	64 500*	61,7	136,5	28 600	83 800*								50,0	
52,0	53,5	131,9	37 900	62 100*	59,8	135,3	26 200	81 300*								52,0	
54,0	51,4	130,3	35 200	59 700*	57,9	134,1	24 000	77 300*								54,0	
56,0	49,3	128,6	32 700	57 400*	55,9	132,7	22 000	73 700*	61,9	135,1	11 300	66 300*				56,0	
58,0	47,0	126,7	30 400	55 100*	53,9	131,2	20 100	70 400*	60,0	134,0	9 800	63 200*				58,0	
60,0	44,7	124,7	28 300	53 000*	51,8	129,6	18 300	67 300*	58,1	132,7	8 400	60 300*				60,0	
62,0	42,3	122,5	26 300	51 000*	49,6	127,9	16 600	64 300*	56,1	131,4	7 100	57 600*				62,0	
64,0	39,7	120,1	24 400	49 100*	47,4	126,1	15 100	61 600*	54,1	129,9	5 900	55 100*				64,0	
66,0	37,0	117,5	22 600	47 400*	45,1	124,1	13 600	59 000*	52,0	128,3	4 800	52 700*				66,0	
68,0	34,1	114,5	20 900	45 800*	42,7	121,9	12 200	56 500*	49,9	126,6	3 700	50 500*	56,2	129,4	43 800*	68,0	
70,0	31,0	111,3	19 300	44 400*	40,2	119,6	10 900	54 200*	47,7	124,8	2 600	48 400*	54,2	127,9	41 700*	70,0	
72,0	27,5	107,5	17 700	43 200*	37,5	117,0	9 700	52 000*	45,4	122,8	1 700	46 400*	52,1	126,4	39 700*	72,0	
74,0	23,6	103,1	16 300	42 200*	34,6	114,1	8 500	50 000*	43,0	120,7	700	44 500*	50,0	124,7	37 900*	74,0	
76,0	18,8	97,6	14 800	41 700*	31,5	110,9	7 400	48 000*	40,5	118,3		42 600*	47,7	122,8	36 100*	76,0	
78,0	12,1	89,7	13 300	40 500*	28,1	107,2	6 300	46 100*	37,8	115,8		40 900*	45,5	120,9	34 300*	78,0	
80,0					24,3	102,9	5 200	44 300*	35,0	112,9		39 200*	43,1	118,7	32 700*	80,0	
84,0					13,5	90,4	3 100	40 700*	28,5	106,2		35 800*	37,9	113,8	29 600*	84,0	
88,0									20,2	96,8		32 600*	32,0	107,8	26 700*	88,0	
92,0													24,9	100,1	24 000*	92,0	
96,0													14,5	88,1	21 400*	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

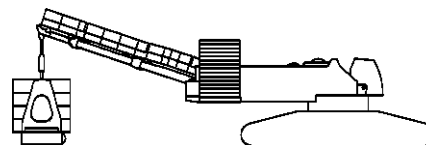
112 400 kg Hanging Counterweight

at 18m Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



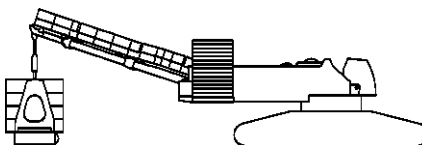
73,2m (240 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
39,6	67,5	146,3	59 100	70 400*												39,6	
40,0	67,2	146,1	58 200	70 000*												40,0	
42,0	65,6	145,2	53 600	68 200*												42,0	
44,0	63,9	144,2	49 500	66 200*												44,0	
46,0	62,2	143,1	45 700	64 200*	67,5	145,3	32 000	76 500*								46,0	
48,0	60,5	142,0	42 300	62 200*	65,8	144,4	29 200	76 500*								48,0	
50,0	58,7	140,7	39 200	60 100*	64,2	143,4	26 600	76 000*								50,0	
52,0	56,9	139,4	36 300	58 000*	62,5	142,4	24 200	74 600*								52,0	
54,0	55,1	138,0	33 600	56 000*	60,7	141,2	22 100	73 000*								54,0	
56,0	53,2	136,5	31 200	54 000*	59,0	140,0	20 100	71 300*								56,0	
58,0	51,2	134,9	28 800	52 000*	57,2	138,7	18 200	68 900*	62,7	141,0	7 600	61 500*				58,0	
60,0	49,3	133,2	26 700	50 100*	55,4	137,3	16 400	65 800*	60,9	139,9	6 300	58 700*				60,0	
62,0	47,2	131,3	24 700	48 300*	53,5	135,8	14 800	62 900*	59,2	138,7	5 000	56 000*				62,0	
64,0	45,1	129,3	22 800	46 500*	51,6	134,2	13 200	60 100*	57,4	137,4	3 800	53 500*				64,0	
66,0	42,9	127,2	21 100	44 800*	49,6	132,5	11 800	57 600*	55,6	136,0	2 700	51 100*				66,0	
68,0	40,6	124,8	19 400	43 200*	47,5	130,7	10 500	55 100*	53,7	134,5	1 600	48 900*				68,0	
70,0	38,1	122,3	17 800	41 800*	45,4	128,7	9 200	52 800*	51,8	132,9	600	46 800*				70,0	
72,0	35,6	119,5	16 300	40 400*	43,2	126,6	7 900	50 700*	49,8	131,2		44 800*	55,6	134,0	37 400*	72,0	
74,0	32,8	116,4	14 900	39 100*	40,9	124,3	6 800	48 600*	47,8	129,4		42 900*	53,8	132,5	35 600*	74,0	
76,0	29,8	113,0	13 600	38 000*	38,5	121,8	5 700	46 700*	45,7	127,5		40 900*	51,8	131,0	33 800*	76,0	
78,0	26,5	109,1	12 200	37 100*	36,0	119,1	4 700	44 800*	43,5	125,3		39 100*	49,9	129,3	32 100*	78,0	
80,0	22,7	104,5	11 000	36 400*	33,3	116,0	3 700	43 000*	41,2	123,1		37 300*	47,8	127,4	30 500*	80,0	
84,0	12,0	90,8	8 400	33 500*	27,1	108,8	1 700	39 700*	36,3	117,9		34 000*	43,6	123,4	27 500*	84,0	
88,0					19,0	98,9		36 700*	30,7	111,6		30 900*	38,9	118,7	24 700*	88,0	
92,0									23,8	103,4		28 000*	33,7	113,0	22 100*	92,0	
96,0									14,0	91,0		25 200*	27,6	105,9	19 700*	96,0	
100,0													19,7	96,3	17 400*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

73,2m (240 Ft.) Boom, 82,3m (270 Ft.) Luffing Jib

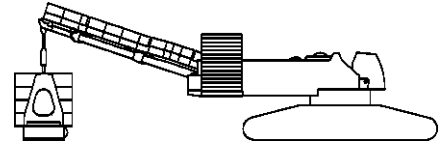
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
42,7	67,0	151,6	50 800	61 600*												42,7	
44,0	66,0	151,0	48 200	60 600*												44,0	
46,0	64,4	150,0	44 400	59 000*												46,0	
48,0	62,9	149,0	41 000	57 300*												48,0	
50,0	61,3	147,9	37 900	55 700*	66,2	150,2	25 100	67 000*								50,0	
52,0	59,7	146,7	35 000	54 000*	64,7	149,2	22 700	67 000*								52,0	
54,0	58,0	145,4	32 300	52 200*	63,1	148,2	20 600	66 500*								54,0	
56,0	56,3	144,1	29 900	50 500*	61,5	147,1	18 600	65 200*								56,0	
58,0	54,6	142,6	27 600	48 900*	59,9	145,9	16 700	63 900*								58,0	
60,0	52,9	141,1	25 400	47 200*	58,3	144,7	14 900	62 400*								60,0	
62,0	51,1	139,5	23 400	45 600*	56,6	143,4	13 300	61 000*	61,7	145,7	3 400	54 700*				62,0	
64,0	49,2	137,8	21 500	44 000*	54,9	141,9	11 800	59 000*	60,1	144,6	2 200	52 200*				64,0	
66,0	47,3	135,9	19 800	42 400*	53,2	140,4	10 400	56 400*	58,5	143,3	1 100	49 900*				66,0	
68,0	45,4	133,9	18 100	41 000*	51,4	138,8	9 000	54 000*	56,8	142,0		47 700*				68,0	
70,0	43,4	131,8	16 600	39 500*	49,5	137,1	7 800	51 700*	55,1	140,6		45 500*				70,0	
72,0	41,2	129,6	15 200	38 200*	47,7	135,3	6 600	49 500*	53,4	139,1		43 400*				72,0	
74,0	39,0	127,1	13 700	36 900*	45,7	133,4	5 400	47 500*	51,6	137,5		41 300*	56,9	140,1	33 800*	74,0	
76,0	36,7	124,4	12 400	35 800*	43,7	131,2	4 400	45 600*	49,7	135,8		39 300*	55,2	138,6	32 100*	76,0	
78,0	34,3	121,5	11 100	34 700*	41,6	129,0	3 300	43 700*	47,9	134,0		37 500*	53,4	137,1	30 400*	78,0	
80,0	31,6	118,3	9 900	33 700*	39,4	126,6	2 300	42 000*	45,9	132,1		35 700*	51,6	135,6	28 800*	80,0	
84,0	25,6	110,7	7 600	32 100*	34,7	121,1		38 700*	41,8	127,8		32 400*	47,9	132,1	25 900*	84,0	
88,0	17,7	100,0	5 400	30 600*	29,3	114,4		35 700*	37,4	122,7		29 400*	44,0	128,1	23 100*	88,0	
92,0					22,6	105,8		32 500*	32,4	116,8		26 600*	39,7	123,4	20 600*	92,0	
96,0					13,0	92,6		29 500*	26,5	109,4		24 000*	35,0	118,0	18 200*	96,0	
100,0									19,0	99,4		21 500*	29,7	111,4	16 000*	100,0	
104,0													23,2	103,0	14 000*	104,0	
108,0													13,9	90,3	11 900*	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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



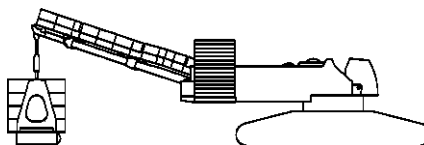
73,2m (240 Ft.) Boom, 88,4m (290 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
44,2	67,6	157,6	46 100	54 700*											44,2
46,0	66,3	156,8	42 800	53 500*											46,0
48,0	64,9	155,8	39 300	52 300*											48,0
50,0	63,4	154,8	36 200	50 900*											50,0
52,0	62,0	153,7	33 300	49 600*	66,6	156,0	20 700	58 300*							52,0
54,0	60,5	152,6	30 700	48 200*	65,1	155,0	18 600	58 300*							54,0
56,0	59,0	151,4	28 200	46 800*	63,7	154,0	16 600	58 300*							56,0
58,0	57,4	150,1	25 900	45 300*	62,2	153,0	14 700	57 800*							58,0
60,0	55,8	148,7	23 800	43 900*	60,7	151,8	13 000	56 800*							60,0
62,0	54,2	147,3	21 800	42 500*	59,2	150,6	11 400	55 700*							62,0
64,0	52,6	145,7	20 000	41 100*	57,7	149,4	9 900	54 500*	62,4	151,6	50 500*				64,0
66,0	50,9	144,1	18 200	39 800*	56,1	148,0	8 500	53 200*	60,9	150,5	48 000*				66,0
68,0	49,2	142,4	16 600	38 500*	54,5	146,6	7 200	51 100*	59,4	149,3	45 600*				68,0
70,0	47,5	140,5	15 000	37 200*	52,9	145,1	5 900	48 800*	57,8	148,0	43 300*				70,0
72,0	45,6	138,6	13 600	36 000*	51,2	143,4	4 700	46 600*	56,3	146,7	41 200*				72,0
74,0	43,8	136,5	12 200	34 800*	49,5	141,7	3 600	44 400*	54,7	145,2	39 200*				74,0
76,0	41,8	134,3	10 900	33 600*	47,8	139,9	2 600	42 200*	53,1	143,7	37 200*				76,0
78,0	39,8	131,9	9 600	32 600*	45,9	138,0	1 500	40 100*	51,4	142,1	35 400*	56,3	144,7	28 200*	78,0
80,0	37,7	129,3	8 400	31 200*	44,1	135,9	600	38 000*	49,7	140,4	33 600*	54,7	143,3	26 600*	80,0
84,0	33,1	123,4	6 200	27 600*	40,1	131,3		34 000*	46,1	136,7	30 400*	51,5	140,2	23 700*	84,0
88,0	27,8	116,4	4 100	24 200*	35,8	126,0		30 200*	42,4	132,4	27 400*	48,0	136,7	21 000*	88,0
92,0	21,4	107,3	2 200	21 200*	31,0	119,7		26 700*	38,3	127,6	24 700*	44,4	132,7	18 500*	92,0
96,0	11,7	92,9	200	18 500*	25,3	112,0		23 400*	33,8	121,9	22 100*	40,4	128,2	16 200*	96,0
100,0					18,0	101,4		20 400*	28,6	115,0	19 800*	36,2	122,9	14 100*	100,0
104,0									22,4	106,3	17 600*	31,4	116,7	12 100*	104,0
108,0									13,5	93,2	15 400*	25,8	109,1	10 200*	108,0
112,0												18,6	98,8	8 400*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

73,2m (240 Ft.) Boom, 94,5m (310 Ft.) Luffing Jib

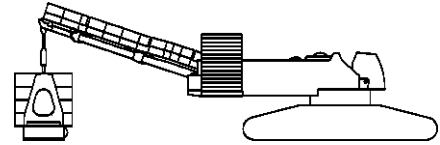
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
47,2	67,1	162,9	39 200	47 700*											47,2
48,0	66,6	162,6	38 000	47 300*											48,0
50,0	65,3	161,6	34 800	46 300*											50,0
52,0	63,9	160,6	31 900	45 200*											52,0
54,0	62,6	159,6	29 300	44 100*	66,8	161,7	17 100	50 800*							54,0
56,0	61,2	158,5	26 800	42 900*	65,5	160,8	15 100	50 800*							56,0
58,0	59,8	157,3	24 500	41 800*	64,2	159,9	13 200	50 800*							58,0
60,0	58,3	156,1	22 400	40 600*	62,8	158,8	11 500	50 800*							60,0
62,0	56,9	154,7	20 400	39 400*	61,4	157,7	9 900	50 400*							62,0
64,0	55,4	153,4	18 600	38 300*	60,0	156,6	8 400	49 000*							64,0
66,0	53,9	151,9	16 800	37 100*	58,6	155,3	7 000	46 900*							66,0
68,0	52,4	150,4	15 200	36 000*	57,1	154,0	5 700	44 800*	61,6	156,4	43 900*				68,0
70,0	50,8	148,7	13 700	34 800*	55,7	152,6	4 400	42 700*	60,2	155,2	41 700*				70,0
72,0	49,2	147,0	12 200	33 400*	54,2	151,2	3 300	40 600*	58,7	154,0	39 500*				72,0
74,0	47,6	145,1	10 800	31 400*	52,6	149,7	2 100	38 500*	57,3	152,7	37 500*				74,0
76,0	45,9	143,2	9 500	29 500*	51,1	148,0	1 100	36 400*	55,8	151,3	35 600*				76,0
78,0	44,1	141,1	8 300	27 600*	49,5	146,3		34 300*	54,3	149,9	33 800*				78,0
80,0	42,3	138,9	7 100	25 900*	47,8	144,5		32 400*	52,8	148,4	32 000*				80,0
84,0	38,5	134,1	4 900	22 400*	44,4	140,5		28 500*	49,7	145,0	28 800*	57,3	150,7	24 900*	84,0
88,0	34,3	128,5	2 900	19 100*	40,8	136,1		24 800*	46,3	141,3	25 900*	54,4	147,9	22 000*	88,0
92,0	29,6	121,9	1 000	16 100*	36,8	130,9		21 300*	42,8	137,1	23 100*	51,3	144,8	19 300*	92,0
96,0	24,1	113,7		13 200*	32,5	124,9		18 100*	39,1	132,4	20 600*	48,1	141,3	16 900*	96,0
100,0	16,9	102,4		10 700*	27,5	117,7		15 100*	34,9	126,9	18 300*	44,7	137,3	14 600*	100,0
104,0					21,4	108,6		12 400*	30,3	120,4	16 100*	41,0	132,9	12 500*	104,0
108,0					12,6	94,7		9 900*	24,9	112,5	14 100*	37,1	127,8	10 500*	108,0
112,0									18,0	101,8	11 500*	32,8	121,9	8 700*	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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



79,2m (260 Ft.) Boom, 27,4m (90 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	
21,3	68,0	107,3	155 500	185 700* b													21,3
22,0	66,4	107,0	149 700	183 100* b													22,0
24,0	61,7	105,9	133 400	175 200* b													24,0
26,0	56,6	104,6	120 200	166 800* b													26,0
28,0	51,3	102,9	108 900	158 400*													28,0
30,0	45,4	101,0	99 100	150 400*	63,7	105,4	79 500	165 300* b									30,0
32,0	38,7	98,5	90 600	143 200*	58,8	104,2	72 500	154 000*									32,0
34,0	30,8	95,3	83 000	137 400*	53,6	102,7	66 500	143 700*									34,0
36,0	19,8	90,4	76 000	128 800*	48,0	100,9	61 000	134 600*									36,0
38,0					41,7	98,6	56 200	126 400*									38,0
40,0					34,4	95,8	51 700	118 900*	55,6	101,7	38 000	109 400* b					40,0
42,0					25,1	91,8	47 500	112 100*	50,1	100,0	34 800	103 300*					42,0
44,0									44,1	97,9	31 900	97 600*					44,0
46,0									37,3	95,3	29 200	92 500*	57,1	99,9	17 600	84 300*	46,0
48,0									28,9	91,8	26 600	87 600*	51,7	98,3	15 800	80 000*	48,0
50,0									16,5	86,2	24 000	83 000*	45,9	96,3	14 100	76 000*	50,0
52,0													39,4	93,9	12 500	72 300*	52,0
54,0													31,6	90,8	10 900	68 800*	54,0
56,0													21,0	86,1	9 200	65 400*	56,0

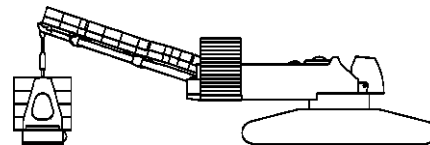
Capacities indicated by **(b)** require
 9 530 kg minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 42,7m Mast No. 56
223 170 kg Crane Counterweight
145 150 kg Carbody Counterweight
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



79,2m (260 Ft.) Boom, 33,5m (110 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	66,5	112,7	130 400	157 900* b													24,4
26,0	63,4	111,8	119 900	152 500* b													26,0
28,0	59,4	110,6	108 700	145 600*													28,0
30,0	55,3	109,2	99 100	138 600*													30,0
32,0	50,8	107,5	90 700	131 700*	65,1	111,2	71 600	153 100* b									32,0
34,0	46,1	105,6	83 400	125 200*	61,2	110,1	65 700	142 900*									34,0
36,0	40,9	103,3	76 900	119 200*	57,1	108,8	60 400	133 900*									36,0
38,0	35,0	100,5	71 000	114 000*	52,8	107,3	55 600	125 800*									38,0
40,0	27,9	96,9	65 700	109 900*	48,2	105,5	51 400	118 500*									40,0
42,0	18,2	91,5	60 700	106 600*	43,2	103,3	47 500	111 900*	58,6	107,7	33 800	102 400*					42,0
44,0					37,6	100,8	44 000	105 800*	54,4	106,3	31 000	96 800*					44,0
46,0					31,1	97,5	40 600	100 300*	49,9	104,6	28 500	91 800*					46,0
48,0					22,9	93,2	37 500	95 100*	45,1	102,6	26 100	87 100*					48,0
50,0									39,7	100,2	23 900	82 800*					50,0
52,0									33,7	97,2	21 900	78 800*	51,2	102,9	11 400	71 400*	52,0
54,0									26,3	93,4	19 900	75 100*	46,5	101,0	10 000	68 100*	54,0
56,0									15,4	87,3	17 800	71 400*	41,3	98,7	8 600	64 900*	56,0
58,0													35,5	96,0	7 400	62 000*	58,0
60,0													28,6	92,4	6 100	59 100*	60,0
62,0													19,2	87,3	4 800	56 400*	62,0

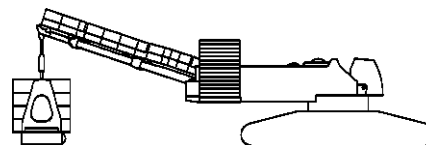
Capacities indicated by **(b)** require
9 530 kg minimum weight suspended
beneath luffing jib point.

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



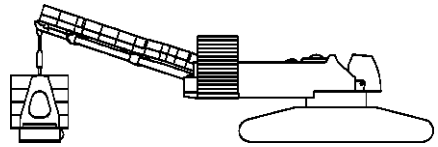
79,2m (260 Ft.) Boom, 39,6m (130 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	65,5	117,9	110 400	134 800*													27,4
28,0	64,6	117,7	107 600	133 300*													28,0
30,0	61,3	116,5	97 800	127 700*													30,0
32,0	57,9	115,2	89 500	121 800*													32,0
34,0	54,3	113,8	82 300	116 100*	66,0	117,1	63 800	141 400*									34,0
36,0	50,5	112,1	75 900	110 600*	62,7	116,0	58 500	132 300*									36,0
38,0	46,6	110,2	70 200	105 300*	59,4	114,8	53 900	124 300*									38,0
40,0	42,3	108,0	65 000	100 400*	55,8	113,4	49 700	117 100*									40,0
42,0	37,5	105,5	60 300	95 900*	52,2	111,9	45 900	110 600*									42,0
44,0	32,2	102,3	56 100	92 200*	48,3	110,1	42 500	104 600*	60,6	113,7	28 900	95 100*					44,0
46,0	25,8	98,4	52 100	89 400*	44,1	108,0	39 400	99 100*	57,2	112,4	26 400	90 100*					46,0
48,0	17,0	92,7	48 200	88 400*	39,6	105,6	36 500	94 100*	53,6	110,9	24 200	85 600*					48,0
50,0					34,6	102,7	33 800	89 500*	49,8	109,2	22 100	81 400*					50,0
52,0					28,7	99,2	31 200	85 200*	45,7	107,2	20 200	77 400*					52,0
54,0					21,3	94,5	28 800	81 100*	41,3	104,9	18 400	73 800*	54,6	109,1	7 800	66 400*	54,0
56,0									36,5	102,3	16 700	70 400*	50,9	107,5	6 500	63 300*	56,0
58,0									31,0	99,0	15 000	67 200*	46,9	105,6	5 400	60 400*	58,0
60,0									24,3	94,8	13 400	64 200*	42,6	103,4	4 300	57 700*	60,0
62,0									14,6	88,4	11 700	61 200*	38,0	100,9	3 300	55 200*	62,0
64,0													32,7	97,8	2 200	52 800*	64,0
66,0													26,4	94,0	1 200	50 500*	66,0
68,0													18,0	88,5		48 200*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

79,2m (260 Ft.) Boom, 45,7m (150 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	64,8	123,2	94 900	116 300*													30,5
32,0	62,6	122,4	88 700	112 800*													32,0
34,0	59,7	121,2	81 500	108 100*													34,0
36,0	56,7	119,9	75 100	103 300*	66,7	122,9	57 300	130 000*									36,0
38,0	53,6	118,4	69 400	98 700*	63,9	121,9	52 600	123 300*									38,0
40,0	50,3	116,7	64 300	94 100*	61,0	120,7	48 500	116 000*									40,0
42,0	46,9	114,8	59 700	89 800*	58,0	119,5	44 800	109 600*									42,0
44,0	43,2	112,7	55 600	85 800*	54,9	118,1	41 400	103 600*									44,0
46,0	39,3	110,3	51 700	82 100*	51,7	116,5	38 300	98 200*	62,1	119,6	25 000	89 000*					46,0
48,0	35,0	107,5	48 200	78 900*	48,4	114,7	35 500	93 300*	59,1	118,3	22 800	84 400*					48,0
50,0	30,0	104,1	45 000	76 100*	44,8	112,7	32 900	88 700*	56,1	117,0	20 700	80 300*					50,0
52,0	24,2	99,9	41 900	74 100*	41,0	110,4	30 500	84 500*	53,0	115,5	18 900	76 400*					52,0
54,0	16,2	93,8	38 900	73 500*	36,9	107,7	28 200	80 600*	49,7	113,8	17 200	72 800*					54,0
56,0					32,2	104,6	26 100	76 900*	46,2	111,8	15 500	69 500*					56,0
58,0					26,8	100,8	24 000	73 500*	42,5	109,7	14 000	66 400*	53,9	113,7	3 900	59 300*	58,0
60,0					20,0	95,7	22 100	70 200*	38,5	107,1	12 600	63 500*	50,6	112,1	2 900	56 600*	60,0
62,0									34,0	104,2	11 200	60 700*	47,2	110,2	1 900	54 100*	62,0
64,0									29,0	100,7	9 800	58 100*	43,6	108,1	1 000	51 800*	64,0
66,0									22,8	96,2	8 600	55 600*	39,6	105,7		49 600*	66,0
68,0									14,0	89,5	7 200	53 200*	35,3	102,9		47 500*	68,0
70,0													30,5	99,6		45 500*	70,0
72,0													24,7	95,5		43 600*	72,0
74,0													17,1	89,7		41 500*	74,0

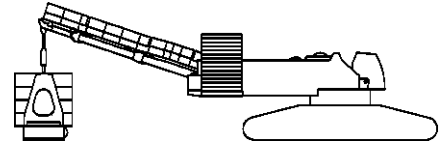


Liftcrane Luffing Jib Capacities

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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



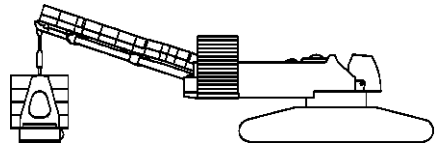
79,2m (260 Ft.) Boom, 51,8m (170 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	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	66,1	129,3	87 200	103 400*													32,0
34,0	63,7	128,3	80 000	99 700*													34,0
36,0	61,1	127,1	73 600	95 800*													36,0
38,0	58,5	125,9	67 900	91 900*													38,0
40,0	55,8	124,5	62 900	88 000*	64,7	127,7	46 500	113 000*									40,0
42,0	53,1	123,0	58 300	84 200*	62,2	126,6	42 800	108 200*									42,0
44,0	50,2	121,3	54 200	80 500*	59,6	125,4	39 500	102 100*									44,0
46,0	47,2	119,5	50 400	77 000*	57,0	124,1	36 500	96 700*									46,0
48,0	44,0	117,4	47 000	73 700*	54,3	122,7	33 700	91 800*									48,0
50,0	40,6	115,1	43 800	70 600*	51,4	121,1	31 200	87 300*	60,6	124,3	18 600	78 500*					50,0
52,0	36,9	112,4	40 900	67 900*	48,5	119,3	28 800	83 100*	58,0	123,0	16 700	74 700*					52,0
54,0	32,9	109,4	38 100	65 400*	45,4	117,3	26 600	79 300*	55,3	121,6	15 100	71 200*					54,0
56,0	28,3	105,8	35 600	63 400*	42,1	115,1	24 500	75 600*	52,5	120,1	13 500	67 900*					56,0
58,0	22,9	101,3	33 100	62 000*	38,5	112,6	22 600	72 200*	49,6	118,3	12 000	64 800*					58,0
60,0	15,5	94,9	30 700	61 600*	34,7	109,7	20 800	69 100*	46,5	116,4	10 600	61 900*	56,1	119,8	600	54 900*	60,0
62,0					30,3	106,4	19 100	66 100*	43,3	114,3	9 400	59 300*	53,3	118,3		52 400*	62,0
64,0					25,3	102,3	17 400	63 300*	39,9	111,9	8 100	56 700*	50,4	116,7		50 100*	64,0
66,0					19,0	97,0	15 800	60 600*	36,1	109,2	6 900	54 300*	47,4	114,8		47 900*	66,0
68,0									32,0	106,1	5 800	52 100*	44,2	112,8		45 700*	68,0
70,0									27,3	102,3	4 700	49 900*	40,9	110,5		43 600*	70,0
72,0									21,6	97,6	3 600	47 800*	37,2	107,9		41 600*	72,0
74,0									13,6	90,6	2 500	45 700*	33,2	104,8		39 700*	74,0
76,0													28,7	101,3		37 900*	76,0
78,0													23,4	96,9		36 100*	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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

79,2m (260 Ft.) Boom, 57,9m (190 Ft.) Luffing Jib

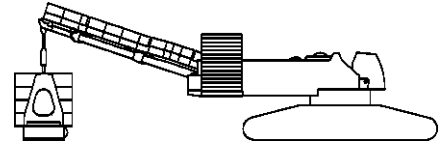
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms	
35,1	65,5	134,6	75 400	90 000*												35,1
36,0	64,4	134,1	72 500	88 500*												36,0
38,0	62,2	133,0	66 800	85 400*												38,0
40,0	59,9	131,8	61 800	82 100*	67,6	134,4	45 100	102 300*								40,0
42,0	57,5	130,6	57 300	78 900*	65,4	133,5	41 400	100 800*								42,0
44,0	55,1	129,1	53 100	75 700*	63,2	132,5	38 100	98 300*								44,0
46,0	52,6	127,6	49 400	72 600*	60,9	131,4	35 100	95 500*								46,0
48,0	50,0	125,9	46 000	69 600*	58,6	130,1	32 300	90 800*								48,0
50,0	47,4	124,1	42 800	66 700*	56,2	128,8	29 800	86 200*								50,0
52,0	44,5	122,0	39 900	64 000*	53,7	127,3	27 500	82 000*	61,7	130,2	15 200	73 500*				52,0
54,0	41,5	119,8	37 300	61 400*	51,2	125,7	25 300	78 200*	59,4	129,0	13 500	70 000*				54,0
56,0	38,4	117,3	34 700	59 100*	48,5	123,9	23 300	74 600*	57,1	127,7	12 000	66 700*				56,0
58,0	34,9	114,4	32 400	57 000*	45,8	121,9	21 500	71 300*	54,6	126,2	10 500	63 600*				58,0
60,0	31,2	111,2	30 200	55 100*	42,8	119,8	19 700	68 200*	52,1	124,7	9 200	60 800*				60,0
62,0	26,9	107,4	28 100	53 600*	39,8	117,4	18 000	65 300*	49,5	122,9	7 900	58 100*				62,0
64,0	21,8	102,6	26 100	52 600*	36,4	114,7	16 500	62 500*	46,8	121,1	6 800	55 700*	55,3	124,5	48 500*	64,0
66,0	15,0	96,1	24 100	52 300*	32,8	111,6	15 000	59 900*	43,9	119,0	5 600	53 300*	52,9	122,9	46 200*	66,0
68,0					28,8	108,1	13 600	57 400*	40,9	116,7	4 600	51 100*	50,3	121,3	44 100*	68,0
70,0					24,1	103,8	12 200	55 100*	37,7	114,1	3 500	49 000*	47,6	119,4	42 000*	70,0
72,0					18,3	98,2	10 900	52 800*	34,2	111,2	2 600	46 900*	44,8	117,4	40 100*	72,0
74,0									30,4	107,9	1 600	45 000*	41,8	115,2	38 200*	74,0
76,0									25,9	103,9	700	43 200*	38,7	112,7	36 500*	76,0
78,0									20,6	98,9		41 400*	35,2	109,9	34 800*	78,0
80,0													31,5	106,7	33 100*	80,0
84,0													22,3	98,3	30 100*	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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



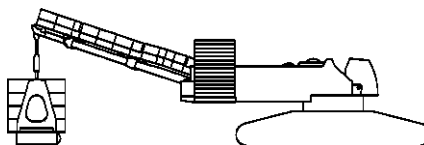
79,2m (260 Ft.) Boom, 64,0m (210 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
38,1	65,0	139,9	65 000	78 400*													38,1
40,0	63,1	138,9	60 200	75 900*													40,0
42,0	61,0	137,7	55 700	73 300*													42,0
44,0	58,9	136,5	51 600	70 700*	65,9	139,3	36 100	89 000*									44,0
46,0	56,8	135,2	47 800	68 000*	63,9	138,3	33 100	87 300*									46,0
48,0	54,6	133,8	44 400	65 400*	61,9	137,2	30 400	85 200*									48,0
50,0	52,3	132,2	41 300	62 900*	59,8	136,1	27 900	83 100*									50,0
52,0	49,9	130,5	38 400	60 400*	57,7	134,8	25 600	80 600*									52,0
54,0	47,5	128,7	35 800	58 000*	55,5	133,4	23 400	76 700*									54,0
56,0	45,0	126,7	33 300	55 800*	53,3	131,9	21 400	73 200*	60,6	134,9	9 800	65 000*					56,0
58,0	42,3	124,5	31 000	53 600*	51,0	130,2	19 600	69 800*	58,5	133,6	8 400	62 000*					58,0
60,0	39,5	122,1	28 800	51 600*	48,6	128,5	17 900	66 700*	56,3	132,3	7 100	59 100*					60,0
62,0	36,5	119,4	26 800	49 800*	46,1	126,6	16 300	63 800*	54,1	130,9	5 900	56 500*					62,0
64,0	33,3	116,4	24 900	48 200*	43,5	124,4	14 700	61 100*	51,8	129,3	4 700	54 000*					64,0
66,0	29,7	112,9	23 100	46 800*	40,7	122,1	13 300	58 600*	49,5	127,6	3 600	51 700*	56,9	130,5	43 800*		66,0
68,0	25,7	108,9	21 400	45 600*	37,8	119,6	12 000	56 200*	47,0	125,7	2 600	49 500*	54,7	129,1	41 700*		68,0
70,0	20,9	104,0	19 700	44 800*	34,7	116,7	10 700	53 900*	44,5	123,6	1 600	47 500*	52,5	127,6	39 700*		70,0
72,0	14,6	97,2	18 000	44 800*	31,3	113,5	9 400	51 700*	41,8	121,4	700	45 500*	50,2	125,9	37 800*		72,0
74,0					27,5	109,7	8 300	49 600*	38,9	118,9		43 600*	47,7	124,1	36 000*		74,0
76,0					23,1	105,2	7 100	47 600*	35,9	116,2		41 800*	45,2	122,1	34 300*		76,0
78,0					17,6	99,4	6 000	45 700*	32,6	113,1		40 000*	42,6	119,9	32 600*		78,0
80,0									29,0	109,6		38 200*	39,8	117,5	31 100*		80,0
84,0									19,8	100,2		34 800*	33,6	111,8	28 100*		84,0
88,0													26,1	104,5	25 300*		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
112 400 kg Hanging Counterweight
at 18m Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

79,2m (260 Ft.) Boom, 70,1m (230 Ft.) Luffing Jib

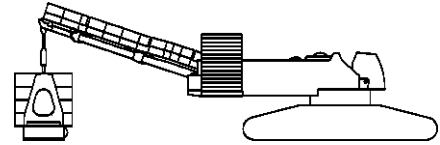
Jib Oper. Rad. Meters	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Meters
	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
41,1	64,5	145,1	56 300	68 700*													41,1
42,0	63,8	144,7	54 500	67 800*													42,0
44,0	61,9	143,6	50 300	65 600*													44,0
46,0	60,0	142,5	46 600	63 400*	66,4	145,1	31 600	79 000*									46,0
48,0	58,1	141,2	43 200	61 200*	64,5	144,1	28 900	77 900*									48,0
50,0	56,1	139,9	40 100	59 000*	62,7	143,1	26 400	76 300*									50,0
52,0	54,1	138,4	37 200	56 900*	60,8	142,0	24 100	74 500*									52,0
54,0	52,0	136,8	34 600	54 700*	58,9	140,7	22 000	72 700*									54,0
56,0	49,9	135,1	32 100	52 700*	57,0	139,4	20 000	70 700*									56,0
58,0	47,6	133,3	29 800	50 700*	55,0	138,0	18 200	68 600*	61,5	140,8	6 700	60 700*					58,0
60,0	45,3	131,3	27 700	48 800*	52,9	136,5	16 500	65 700*	59,6	139,6	5 500	57 900*					60,0
62,0	42,9	129,2	25 700	47 000*	50,8	134,9	14 900	62 800*	57,7	138,3	4 300	55 300*					62,0
64,0	40,4	126,8	23 800	45 400*	48,6	133,1	13 400	60 100*	55,7	136,9	3 100	52 800*					64,0
66,0	37,8	124,3	22 000	43 800*	46,3	131,2	12 000	57 500*	53,7	135,5	2 100	50 500*					66,0
68,0	34,9	121,4	20 400	42 400*	44,0	129,1	10 700	55 100*	51,6	133,9	1 100	48 300*					68,0
70,0	31,9	118,2	18 800	41 100*	41,5	126,8	9 400	52 900*	49,4	132,1	100	46 300*	56,3	135,2	38 000*		70,0
72,0	28,5	114,6	17 300	40 000*	38,9	124,4	8 200	50 700*	47,2	130,3		44 300*	54,3	133,7	36 100*		72,0
74,0	24,7	110,4	15 800	39 100*	36,2	121,7	7 100	48 700*	44,9	128,3		42 300*	52,2	132,1	34 300*		74,0
76,0	20,2	105,3	14 400	38 600*	33,2	118,6	6 000	46 700*	42,5	126,1		40 400*	50,0	130,5	32 600*		76,0
78,0	14,2	98,3	12 900	38 400*	30,0	115,2	4 900	44 900*	39,9	123,7		38 500*	47,8	128,6	31 000*		78,0
80,0					26,4	111,3	3 900	43 100*	37,2	121,1		36 800*	45,5	126,7	29 500*		80,0
84,0					17,0	100,6	1 900	39 800*	31,2	114,9		33 500*	40,7	122,2	26 600*		84,0
88,0									23,8	106,8		30 400*	35,2	116,9	23 900*		88,0
92,0													28,8	110,2	21 400*		92,0
96,0													20,6	101,0	19 100*		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
 112 400 kg Hanging Counterweight
 at 18m Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



79,2m (260 Ft.) Boom, 76,2m (250 Ft.) Luffing Jib

Jib Oper. Rad. Meters	85 Degree Boom Angle				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	Minimum Luffing Jib Capacity To Swing and Travel Kilograms	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. Meters	Luffing Jib Capacity Kilograms		
42,7	65,5	151,2	51 300	61 400*													42,7
44,0	64,3	150,5	48 700	60 200*													44,0
46,0	62,6	149,5	44 900	58 400*													46,0
48,0	60,9	148,4	41 600	56 600*	66,7	150,9	26 900	69 800*									48,0
50,0	59,2	147,2	38 400	54 800*	65,1	149,9	24 400	69 100*									50,0
52,0	57,4	145,9	35 600	53 000*	63,4	148,9	22 100	67 900*									52,0
54,0	55,6	144,5	32 900	51 200*	61,7	147,8	20 000	66 500*									54,0
56,0	53,7	143,0	30 500	49 400*	59,9	146,7	18 100	65 000*									56,0
58,0	51,8	141,4	28 200	47 600*	58,1	145,4	16 300	63 500*									58,0
60,0	49,8	139,7	26 100	45 900*	56,3	144,1	14 600	61 800*	62,3	146,6	3 200	56 200*					60,0
62,0	47,8	137,9	24 100	44 200*	54,5	142,6	13 000	60 100*	60,6	145,5	2 100	53 600*					62,0
64,0	45,7	135,9	22 300	42 700*	52,6	141,1	11 600	58 300*	58,8	144,3	1 000	51 100*					64,0
66,0	43,5	133,8	20 500	41 200*	50,6	139,4	10 200	56 100*	57,0	143,0		48 800*					66,0
68,0	41,2	131,6	18 900	39 800*	48,6	137,7	8 900	53 700*	55,2	141,6		46 500*					68,0
70,0	38,8	129,1	17 300	38 400*	46,6	135,8	7 600	51 400*	53,3	140,1		44 300*					70,0
72,0	36,3	126,4	15 800	37 200*	44,4	133,7	6 400	49 300*	51,4	138,5		42 200*	57,5	141,2	33 700*		72,0
74,0	33,6	123,4	14 400	36 100*	42,2	131,5	5 300	47 300*	49,4	136,7		40 200*	55,7	139,8	32 000*		74,0
76,0	30,6	120,0	13 100	35 100*	39,8	129,1	4 300	45 400*	47,3	134,9		38 300*	53,8	138,3	30 300*		76,0
78,0	27,4	116,3	11 800	34 300*	37,4	126,5	3 300	43 600*	45,2	132,9		36 500*	51,9	136,8	28 700*		78,0
80,0	23,8	111,9	10 500	33 600*	34,7	123,7	2 300	41 800*	43,0	130,8		34 800*	50,0	135,1	27 200*		80,0
84,0	13,9	99,4	8 100	33 100*	28,8	116,9		38 600*	38,3	125,9		31 600*	45,8	131,3	24 400*		84,0
88,0					21,5	108,0		35 400*	33,0	120,1		28 600*	41,4	126,9	21 800*		88,0
92,0									26,7	112,8		25 800*	36,5	121,8	19 400*		92,0
96,0									18,5	102,7		23 200*	30,9	115,5	17 100*		96,0
100,0													24,1	107,5	15 000*		100,0