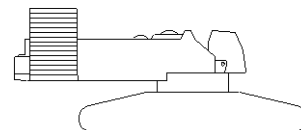


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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 (*). Capacities indicated by (b) require 6 800 kg minimum weight suspended beneath luffing jib point.

Lower boom point must be completely removed on 85.3m boom length.

Upper luffing jib point capacity for liftcrane service with single part whip line when using drum 2 is 16 240 kg or 27 220 kg with two part whip line. When whip line on drum 3 is used, capacity with single part whip line is 13 610 kg or 27 220 kg with two part whip line. In all cases, upper luffing jib point capacities cannot exceed those listed for main boom capacity.

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with mast up and bearing turntable level within a tolerance of 13 mm in 3m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. 87 degree boom angle requires 61.0m minimum boom length. Refer to luffing jib assembly **No. A07766**, Wire Rope Specification chart **No. 8516-A**, Counterweight Arrangement chart **No. 8577-A** and Luffing Jib Raising Procedure chart **No. 8542-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8543-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 11 811 mm crawlers, 1 524 mm treads, 9.1m live mast, 30.5m mast, 16 part boom hoist reeving, boom support straps, 14 part luffing jib hoist reeving, luffing jib and backstay support straps, 239 500 kg crane counterweight and 145 150 kg carbody counterweight.

Boom and/or Jib Catwalks Deduct

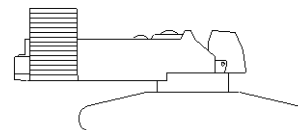
Deduct 450 kg from capacities when boom and/or jib catwalks are attached.

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.0	67.3	250 000*b										13.7
14.0	71.2	67.2	248 000*b										14.0
16.0	65.3	66.3	224 400*b										16.0
18.0	59.1	65.2	179 400*										18.0
20.0	52.4	63.7	151 300*	64.7	65.6	200 000*							20.0
22.0	45.0	61.8	130 100*	58.5	64.4	177 500*							22.0
24.0	36.3	59.2	113 700*	51.7	62.9	149 400*							24.0
26.0	24.9	55.5	100 000*	44.2	61.0	128 700*	57.6	63.4	145 700*				26.0
28.0				35.3	58.3	112 700*	50.8	61.8	134 400*				28.0
30.0				23.5	54.4	99 600*	43.1	59.7	124 100				30.0
32.0							34.0	57.0	111 100	49.5	60.2	110 200	32.0
34.0							21.5	52.8	97 100*	41.6	58.1	102 000	34.0
36.0										32.2	55.2	94 800	36.0
38.0										18.3	50.4	88 300	38.0

42.7m (140 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

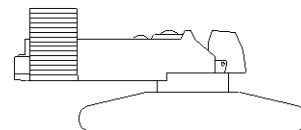
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	70.5	70.0	235 300*b										15.2
16.0	68.6	69.7	222 800*b										16.0
18.0	63.4	68.7	187 300*										18.0
20.0	57.9	67.5	157 200*										20.0
22.0	52.0	66.0	135 400*	62.8	68.0	179 100*							22.0
24.0	45.5	64.1	118 500*	57.3	66.8	155 800*							24.0
26.0	38.2	61.7	105 000*	51.4	65.2	133 800*	62.1	67.0	145 300*				26.0
28.0	29.2	58.4	93 800*	44.8	63.3	117 300*	56.6	65.7	134 000*				28.0
30.0	15.6	53.0	77 500*	37.4	60.8	104 100*	50.5	64.1	123 900				30.0
32.0				28.2	57.5	93 100*	43.9	62.1	114 200	55.5	64.2	109 800	32.0
34.0							36.3	59.5	103 000*	49.4	62.5	101 800	34.0
36.0							26.7	56.0	92 100*	42.7	60.5	94 700	36.0
38.0							9.8	49.1	79 600*	34.8	57.8	88 400	38.0
40.0										24.6	53.9	82 700	40.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	72.8	73.2	220 600*b										15.2
16.0	71.1	73.0	218 500*b										16.0
18.0	66.6	72.1	194 500*										18.0
20.0	61.9	71.1	161 900*										20.0
22.0	56.9	69.8	139 400*	66.1	71.4	180 100*							22.0
24.0	51.6	68.3	122 100*	61.4	70.4	159 800*							24.0
26.0	45.9	66.4	108 300*	56.4	69.1	137 900*							26.0
28.0	39.5	64.1	97 000*	51.1	67.5	120 900*	60.7	69.3	133 900*				28.0
30.0	32.1	61.1	87 500*	45.3	65.6	107 400*	55.7	68.0	123 700				30.0
32.0	22.3	56.9	79 400*	38.9	63.2	96 300*	50.4	66.4	114 100				32.0
34.0				31.2	60.2	87 000*	44.5	64.4	105 400	54.8	66.5	101 700	34.0
36.0				21.1	55.7	78 900*	37.9	62.0	95 400*	49.4	64.8	94 600	36.0
38.0							30.1	58.8	86 100*	43.4	62.8	88 400	38.0
40.0							19.3	54.0	77 900*	36.7	60.2	82 800	40.0
42.0										28.5	56.9	77 800	42.0
44.0										16.7	51.6	73 100	44.0

42.7m (140 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

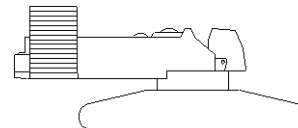
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	71.6	75.9	206 000*										16.8
18.0	69.1	75.5	193 400*										18.0
20.0	64.9	74.5	164 800*										20.0
22.0	60.6	73.4	142 000*										22.0
24.0	56.1	72.1	124 500*	64.5	73.9	161 400*							24.0
26.0	51.4	70.6	110 400*	60.2	72.7	140 400*							26.0
28.0	46.2	68.7	99 000*	55.7	71.4	123 200*							28.0
30.0	40.6	66.5	89 400*	50.9	69.8	109 500*	59.6	71.7	123 400				30.0
32.0	34.2	63.7	81 300*	45.7	67.9	98 200*	55.1	70.3	113 800				32.0
34.0	26.3	60.0	74 200*	40.0	65.6	88 800*	50.2	68.7	105 500				34.0
36.0	14.6	54.1	62 800*	33.5	62.8	80 800*	45.0	66.7	97 200	54.2	68.8	94 300	36.0
38.0				25.4	59.0	73 800*	39.2	64.4	88 000*	49.3	67.1	88 100	38.0
40.0							32.5	61.5	80 100*	44.0	65.1	82 500	40.0
42.0							24.1	57.5	73 200*	38.1	62.7	77 600	42.0
44.0							9.9	50.2	64 400*	31.2	59.6	73 100	44.0
46.0										22.3	55.3	69 000	46.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	70.5	78.6	164 000*										18.3
20.0	67.4	77.9	156 100*										20.0
22.0	63.6	76.9	145 100*										22.0
24.0	59.6	75.8	126 600*										24.0
26.0	55.5	74.4	112 300*	63.2	76.2	142 800*							26.0
28.0	51.2	72.9	100 600*	59.2	75.1	125 200*							28.0
30.0	46.5	71.0	90 900*	55.1	73.7	111 200*							30.0
32.0	41.4	68.8	82 700*	50.7	72.1	99 900*	58.7	74.0	113 600				32.0
34.0	35.8	66.2	75 700*	46.0	70.2	90 300*	54.5	72.6	105 300				34.0
36.0	29.1	62.8	69 500*	40.9	68.0	82 300*	50.1	71.0	97 900				36.0
38.0	20.5	58.2	63 900*	35.2	65.3	75 300*	45.4	69.1	89 500*	53.8	71.1	87 800	38.0
40.0				28.4	61.9	69 200*	40.2	66.8	81 500*	49.3	69.4	82 300	40.0
42.0				19.4	57.0	63 600*	34.4	64.0	74 700*	44.5	67.4	77 400	42.0
44.0							27.4	60.5	68 700*	39.2	65.1	73 000	44.0
46.0							17.9	55.3	62 900*	33.2	62.2	68 900	46.0
48.0										26.0	58.5	65 200	48.0
50.0										15.6	52.7	61 700	50.0

42.7m (140 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

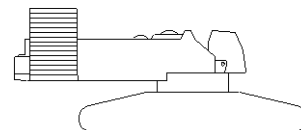
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	72.2	81.9	160 000*										18.3
20.0	69.4	81.2	152 200*										20.0
22.0	65.9	80.3	142 700*										22.0
24.0	62.4	79.3	128 200*										24.0
26.0	58.8	78.1	113 200*	65.6	79.7	143 200*							26.0
28.0	55.0	76.7	101 500*	62.1	78.6	126 400*							28.0
30.0	51.0	75.2	91 800*	58.4	77.4	112 200*							30.0
32.0	46.7	73.3	83 600*	54.6	76.0	100 800*	61.6	77.6	113 200				32.0
34.0	42.1	71.2	76 500*	50.6	74.4	91 100*	57.9	76.3	104 900				34.0
36.0	37.1	68.6	70 300*	46.3	72.6	83 000*	54.1	74.9	97 700				36.0
38.0	31.3	65.5	64 900*	41.7	70.4	76 100*	50.0	73.3	90 200				38.0
40.0	24.2	61.5	59 800*	36.5	67.8	70 000*	45.7	71.4	82 300*	53.4	73.4	81 900	40.0
42.0	13.9	55.2	49 900*	30.7	64.6	64 700*	41.0	69.2	75 400*	49.3	71.7	77 100	42.0
44.0				23.4	60.4	59 900*	35.8	66.5	69 500*	44.9	69.8	72 700	44.0
46.0							29.8	63.2	64 200*	40.1	67.5	68 700	46.0
48.0							22.3	58.9	59 400*	34.8	64.7	65 000	48.0
50.0							9.9	51.2	51 500*	28.6	61.3	61 600	50.0
52.0										20.7	56.7	58 500	52.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

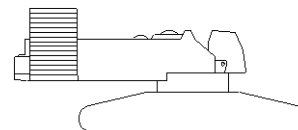
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	71.3	84.6	148 400*										19.8
20.0	71.0	84.5	147 600*										20.0
22.0	67.9	83.7	139 200*										22.0
24.0	64.7	82.8	129 200*										24.0
26.0	61.4	81.7	115 000*	67.6	83.0	139 000*							26.0
28.0	58.1	80.5	103 100*	64.4	82.1	129 100*							28.0
30.0	54.5	79.1	93 200*	61.1	81.0	113 900*							30.0
32.0	50.8	77.5	84 900*	57.7	79.7	102 300*							32.0
34.0	46.9	75.6	77 700*	54.2	78.3	92 600*	60.7	79.9	105 000				34.0
36.0	42.7	73.5	71 600*	50.4	76.7	84 400*	57.3	78.7	97 700				36.0
38.0	38.1	71.1	66 100*	46.5	74.9	77 300*	53.7	77.2	91 300				38.0
40.0	33.0	68.1	61 300*	42.3	72.7	71 200*	49.9	75.6	83 600*	56.6	77.2	82 000	40.0
42.0	27.0	64.5	57 000*	37.6	70.2	65 800*	46.0	73.7	76 600*	53.0	75.7	77 100	42.0
44.0	19.2	59.5	50 300*	32.4	67.2	61 100*	41.7	71.5	70 700*	49.3	74.0	72 700	44.0
46.0				26.3	63.5	56 800*	37.0	68.9	65 400*	45.2	72.1	68 700	46.0
48.0				18.2	58.3	51 700*	31.7	65.9	60 700*	40.9	69.8	65 100	48.0
50.0							25.4	62.0	56 500*	36.1	67.2	61 800	50.0
52.0							16.9	56.5	52 100*	30.7	64.0	58 700	52.0
54.0										24.1	59.9	55 700	54.0
56.0										14.8	53.8	52 100*	56.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

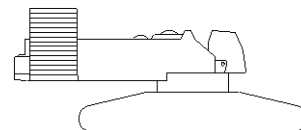
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	72.7	87.8	144 200*										19.8
20.0	72.4	87.7	143 400*										20.0
22.0	69.6	87.0	135 200*										22.0
24.0	66.7	86.1	127 500*										24.0
26.0	63.7	85.2	115 100*										26.0
28.0	60.6	84.1	103 200*	66.4	85.5	126 400*							28.0
30.0	57.4	82.8	93 300*	63.4	84.5	114 400*							30.0
32.0	54.1	81.4	84 900*	60.3	83.3	102 300*							32.0
34.0	50.7	79.8	77 800*	57.1	82.1	92 600*							34.0
36.0	47.1	77.9	71 600*	53.8	80.6	84 400*	59.9	82.3	97 400				36.0
38.0	43.2	75.9	66 200*	50.3	79.0	77 300*	56.7	81.0	91 000				38.0
40.0	39.0	73.5	61 400*	46.7	77.2	71 200*	53.4	79.5	83 600*				40.0
42.0	34.4	70.7	57 100*	42.8	75.1	65 900*	49.9	77.9	76 700*	56.1	79.5	76 700	42.0
44.0	29.1	67.3	53 200*	38.6	72.6	61 100*	46.2	76.0	70 700*	52.8	78.0	72 300	44.0
46.0	22.7	62.9	49 300*	33.9	69.8	56 900*	42.3	73.8	65 400*	49.2	76.3	68 400	46.0
48.0	13.4	56.3	40 200*	28.5	66.3	53 100*	38.0	71.4	60 700*	45.5	74.4	64 800	48.0
50.0				21.9	61.8	49 600*	33.2	68.5	56 500*	41.5	72.2	61 500	50.0
52.0							27.7	64.9	52 800*	37.2	69.7	58 400	52.0
54.0							20.9	60.2	49 300*	32.3	66.7	55 600	54.0
56.0							10.0	52.3	42 600*	26.7	62.9	52 400*	56.0
58.0										19.4	57.9	48 900*	58.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	71.9	90.5	118 200*										21.3
22.0	71.0	90.2	116 500*										22.0
24.0	68.3	89.5	111 700*										24.0
26.0	65.6	88.6	107 100*										26.0
28.0	62.8	87.6	102 300*										28.0
30.0	59.9	86.4	94 400*	65.3	87.9	107 300*							30.0
32.0	56.9	85.1	85 600*	62.5	86.9	103 200*							32.0
34.0	53.8	83.7	78 400*	59.6	85.7	93 300*							34.0
36.0	50.6	82.1	72 100*	56.6	84.4	85 000*							36.0
38.0	47.2	80.2	66 700*	53.5	82.9	77 900*	59.2	84.6	90 700				38.0
40.0	43.6	78.2	61 800*	50.3	81.3	71 700*	56.2	83.3	84 300*				40.0
42.0	39.7	75.9	57 500*	46.8	79.5	66 300*	53.1	81.8	77 200*				42.0
44.0	35.5	73.2	53 700*	43.2	77.4	61 600*	49.8	80.2	71 200*	55.6	81.8	72 000	44.0
46.0	30.8	70.0	50 100*	39.3	75.0	57 300*	46.4	78.3	65 800*	52.5	80.3	68 100	46.0
48.0	25.3	66.0	46 900*	35.1	72.3	53 500*	42.7	76.2	61 200*	49.2	78.6	64 500	48.0
50.0	18.2	60.7	41 000*	30.3	69.0	50 000*	38.8	73.8	57 000*	45.8	76.7	61 200	50.0
52.0				24.7	65.0	46 800*	34.5	71.0	53 200*	42.1	74.6	58 200	52.0
54.0				17.3	59.5	42 600*	29.6	67.7	49 800*	38.1	72.1	55 400	54.0
56.0							23.8	63.5	46 600*	33.7	69.2	52 600	56.0
58.0							16.1	57.6	43 200*	28.7	65.7	49 300*	58.0
60.0										22.7	61.4	46 300*	60.0
62.0										14.2	55.0	43 000*	62.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On

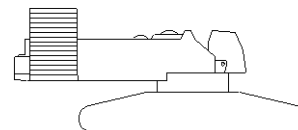
Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

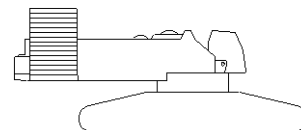
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	71.2	93.2	110 300*										22.9
24.0	69.7	92.7	107 600*										24.0
26.0	67.2	91.9	103 000*										26.0
28.0	64.6	91.0	98 600*										28.0
30.0	61.9	89.9	93 400*										30.0
32.0	59.2	88.7	85 500*	64.3	90.3	98 800*							32.0
34.0	56.4	87.4	78 200*	61.7	89.2	93 600*							34.0
36.0	53.5	86.0	72 000*	58.9	88.1	84 800*							36.0
38.0	50.5	84.4	66 500*	56.1	86.7	77 700*							38.0
40.0	47.3	82.6	61 700*	53.2	85.2	71 600*	58.6	87.0	84 200*				40.0
42.0	44.0	80.5	57 400*	50.2	83.6	66 200*	55.8	85.6	77 000*				42.0
44.0	40.4	78.2	53 600*	47.0	81.8	61 400*	52.8	84.1	71 000*				44.0
46.0	36.5	75.6	50 100*	43.6	79.7	57 200*	49.8	82.5	65 700*	55.2	84.1	67 700	46.0
48.0	32.2	72.6	46 900*	40.0	77.4	53 400*	46.6	80.6	61 000*	52.3	82.6	64 100	48.0
50.0	27.4	68.9	44 000*	36.1	74.7	49 900*	43.2	78.5	56 800*	49.2	80.9	60 800	50.0
52.0	21.4	64.3	40 700*	31.8	71.7	46 800*	39.5	76.2	53 100*	46.0	79.0	57 800	52.0
54.0	13.0	57.4	32 700*	26.8	67.9	43 900*	35.6	73.5	49 700*	42.5	76.9	55 000	54.0
56.0				20.8	63.2	41 100*	31.2	70.3	46 600*	38.9	74.5	52 400	56.0
58.0							26.1	66.5	43 700*	34.8	71.7	49 300*	58.0
60.0							19.8	61.5	41 000*	30.3	68.4	46 200*	60.0
62.0							10.0	53.4	35 300*	25.1	64.5	43 400*	62.0
64.0										18.5	59.2	40 600*	64.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	72.3	96.4	106 700*										22.9
24.0	71.0	96.0	104 000*										24.0
26.0	68.6	95.2	99 500*										26.0
28.0	66.2	94.4	95 200*										28.0
30.0	63.7	93.4	91 000*										30.0
32.0	61.2	92.3	85 800*	66.0	93.7	95 200*							32.0
34.0	58.6	91.1	78 500*	63.5	92.7	91 200*							34.0
36.0	56.0	89.8	72 300*	61.0	91.6	85 600*							36.0
38.0	53.2	88.3	66 800*	58.4	90.4	78 100*							38.0
40.0	50.4	86.7	62 000*	55.7	89.0	71 900*	60.6	90.5	84 300				40.0
42.0	47.4	84.8	57 700*	53.0	87.6	66 500*	58.0	89.3	77 400*				42.0
44.0	44.3	82.8	53 800*	50.1	85.9	61 700*	55.4	87.9	71 300*				44.0
46.0	40.9	80.6	50 400*	47.1	84.1	57 400*	52.6	86.4	66 000*	57.6	87.8	67 600	46.0
48.0	37.4	78.1	47 200*	44.0	82.1	53 600*	49.7	84.8	61 200*	54.9	86.4	64 000	48.0
50.0	33.5	75.1	44 300*	40.6	79.8	50 200*	46.7	82.9	57 100*	52.1	84.9	60 800	50.0
52.0	29.1	71.7	41 700*	37.0	77.2	47 100*	43.5	80.9	53 300*	49.2	83.2	57 800	52.0
54.0	23.9	67.5	38 700*	33.0	74.2	44 300*	40.1	78.5	49 900*	46.2	81.3	55 000	54.0
56.0	17.4	61.9	33 600*	28.6	70.7	41 600*	36.5	75.9	46 900*	42.9	79.2	52 400	56.0
58.0				23.4	66.5	39 000*	32.5	72.9	44 100*	39.5	76.9	49 500*	58.0
60.0				16.6	60.7	35 500*	28.0	69.3	41 500*	35.8	74.2	46 500*	60.0
62.0							22.6	64.9	38 900*	31.7	71.1	43 700*	62.0
64.0							15.5	58.8	36 200*	27.1	67.4	41 100*	64.0
66.0										21.5	62.7	38 700*	66.0
68.0										13.8	56.1	35 900*	68.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On

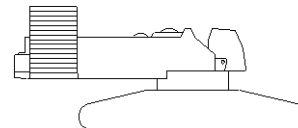
Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

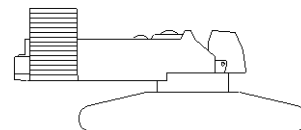
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	71.7	99.1	97 600*										24.4
26.0	69.9	98.5	94 500*										26.0
28.0	67.6	97.7	90 300*										28.0
30.0	65.3	96.8	86 300*										30.0
32.0	63.0	95.8	82 400*	67.4	97.0	90 100*							32.0
34.0	60.6	94.7	78 400*	65.1	96.1	86 300*							34.0
36.0	58.1	93.4	72 400*	62.7	95.1	82 500*							36.0
38.0	55.6	92.1	66 800*	60.3	94.0	78 100*							38.0
40.0	53.0	90.6	61 900*	57.9	92.7	71 900*	62.4	94.0	81 800*				40.0
42.0	50.3	89.0	57 600*	55.4	91.4	66 500*	60.0	92.9	77 500*				42.0
44.0	47.5	87.2	53 800*	52.7	89.9	61 700*	57.6	91.6	71 300*				44.0
46.0	44.5	85.2	50 300*	50.0	88.2	57 400*	55.0	90.3	66 000*				46.0
48.0	41.4	82.9	47 100*	47.2	86.4	53 600*	52.4	88.7	61 200*				48.0
50.0	38.1	80.5	44 300*	44.3	84.4	50 100*	49.7	87.1	57 000*	54.6	88.8	60 400	50.0
52.0	34.5	77.6	41 600*	41.1	82.1	47 000*	46.8	85.2	53 200*	51.9	87.2	57 400	52.0
54.0	30.5	74.4	39 200*	37.8	79.6	44 200*	43.9	83.2	49 900*	49.2	85.5	54 600	54.0
56.0	25.9	70.5	36 800*	34.1	76.8	41 500*	40.7	80.9	46 800*	46.3	83.6	52 100	56.0
58.0	20.4	65.6	33 400*	30.1	73.5	39 100*	37.3	78.4	44 000*	43.3	81.6	49 400*	58.0
60.0	12.7	58.5	27 100*	25.5	69.5	36 800*	33.6	75.4	41 400*	40.1	79.2	46 400*	60.0
62.0				19.8	64.5	34 400*	29.5	72.1	39 000*	36.7	76.6	43 600*	62.0
64.0				11.6	56.9	29 100*	24.8	68.0	36 700*	32.9	73.7	41 100*	64.0
66.0							18.9	62.8	34 300*	28.7	70.2	38 700*	66.0
68.0							10.0	54.5	29 800*	23.9	66.0	36 500*	68.0
70.0										17.7	60.4	34 100*	70.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

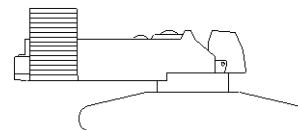
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	72.7	102.3	89 000*										24.4
26.0	71.0	101.8	86 500*										26.0
28.0	68.9	101.0	83 600*										28.0
30.0	66.7	100.1	80 700*										30.0
32.0	64.5	99.2	77 800*										32.0
34.0	62.3	98.2	74 900*	66.5	99.5	80 700*							34.0
36.0	60.0	97.0	71 700*	64.3	98.5	78 000*							36.0
38.0	57.7	95.8	66 900*	62.1	97.5	75 100*							38.0
40.0	55.3	94.4	61 900*	59.8	96.3	71 800*							40.0
42.0	52.8	92.9	57 600*	57.4	95.1	66 500*	61.8	96.4	74 500*				42.0
44.0	50.2	91.3	53 700*	55.0	93.7	61 600*	59.5	95.2	71 100*				44.0
46.0	47.6	89.5	50 200*	52.6	92.2	57 300*	57.1	94.0	65 900*				46.0
48.0	44.8	87.5	47 100*	50.0	90.5	53 500*	54.7	92.6	61 100*				48.0
50.0	41.9	85.3	44 200*	47.3	88.7	50 000*	52.2	91.0	56 900*				50.0
52.0	38.7	82.9	41 600*	44.5	86.7	46 900*	49.6	89.4	53 200*	54.3	91.1	57 100	52.0
54.0	35.4	80.1	39 200*	41.6	84.5	44 100*	47.0	87.5	49 800*	51.8	89.5	54 300	54.0
56.0	31.7	77.0	36 900*	38.4	82.0	41 500*	44.1	85.5	46 700*	49.2	87.8	51 800	56.0
58.0	27.6	73.4	34 600*	35.1	79.3	39 100*	41.2	83.3	43 900*	46.5	85.9	49 300*	58.0
60.0	22.8	68.9	32 100*	31.4	76.1	36 800*	38.0	80.8	41 300*	43.6	83.9	46 300*	60.0
62.0	16.7	63.1	27 300*	27.2	72.4	34 700*	34.6	78.0	38 900*	40.6	81.6	43 500*	62.0
64.0	5.6	52.1	20 300*	22.3	67.9	32 500*	30.8	74.7	36 700*	37.4	79.1	41 000*	64.0
66.0				16.0	61.8	29 400*	26.6	70.9	34 600*	34.0	76.2	38 700*	66.0
68.0							21.6	66.3	32 400*	30.1	72.9	36 500*	68.0
70.0							15.0	59.9	30 200*	25.8	69.0	34 400*	70.0
72.0										20.6	64.1	32 200*	72.0
74.0										13.4	57.2	30 000*	74.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

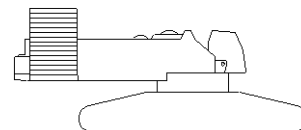
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	72.1	105.0	82 900*										25.9
26.0	72.0	105.0	82 700*										26.0
28.0	70.0	104.3	79 800*										28.0
30.0	67.9	103.5	76 900*										30.0
32.0	65.9	102.6	74 100*										32.0
34.0	63.8	101.6	71 300*										34.0
36.0	61.7	100.5	68 400*	65.7	101.9	74 100*							36.0
38.0	59.5	99.4	65 500*	63.6	100.9	71 300*							38.0
40.0	57.3	98.1	61 700*	61.4	99.8	68 600*							40.0
42.0	55.0	96.7	57 300*	59.3	98.7	65 600*							42.0
44.0	52.6	95.2	53 400*	57.0	97.4	61 300*	61.2	98.8	68 000*				44.0
46.0	50.2	93.6	49 900*	54.7	96.0	57 000*	59.0	97.6	65 300*				46.0
48.0	47.7	91.8	46 800*	52.4	94.5	53 200*	56.7	96.3	60 900*				48.0
50.0	45.0	89.8	43 900*	49.9	92.8	49 700*	54.4	94.9	56 600*				50.0
52.0	42.2	87.6	41 300*	47.4	91.0	46 600*	52.1	93.3	52 800*	56.3	94.8	56 700	52.0
54.0	39.3	85.2	38 900*	44.8	89.0	43 800*	49.6	91.7	49 400*	54.0	93.4	54 000	54.0
56.0	36.2	82.6	36 700*	42.0	86.8	41 200*	47.1	89.8	46 400*	51.6	91.8	51 400	56.0
58.0	32.8	79.6	34 600*	39.0	84.4	38 800*	44.4	87.8	43 600*	49.2	90.1	49 000*	58.0
60.0	29.1	76.1	32 600*	35.9	81.7	36 600*	41.6	85.6	41 000*	46.6	88.3	46 000*	60.0
62.0	24.8	72.0	30 500*	32.5	78.7	34 500*	38.6	83.2	38 600*	43.9	86.2	43 200*	62.0
64.0	19.6	66.9	27 200*	28.7	75.2	32 600*	35.4	80.4	36 500*	41.1	84.0	40 700*	64.0
66.0	12.4	59.6	22 000*	24.3	71.0	30 600*	32.0	77.3	34 400*	38.1	81.5	38 300*	66.0
68.0				19.0	65.8	28 500*	28.1	73.8	32 500*	34.8	78.7	36 200*	68.0
70.0				11.5	58.0	23 900*	23.7	69.5	30 500*	31.3	75.5	34 200*	70.0
72.0							18.2	64.0	28 600*	27.4	71.8	32 300*	72.0
74.0							10.0	55.6	24 900*	22.8	67.4	30 400*	74.0
76.0										17.1	61.6	28 500*	76.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	72.9	108.2	78 700*										25.9
26.0	72.9	108.2	78 600*										26.0
28.0	71.0	107.5	76 500*										28.0
30.0	69.0	106.8	73 500*										30.0
32.0	67.1	105.9	70 700*										32.0
34.0	65.1	105.0	68 000*										34.0
36.0	63.1	104.0	65 300*	66.9	105.3	70 600*							36.0
38.0	61.1	102.9	62 500*	64.9	104.3	68 000*							38.0
40.0	59.0	101.7	59 900*	62.9	103.3	65 400*							40.0
42.0	56.9	100.4	57 000*	60.9	102.2	62 700*							42.0
44.0	54.7	99.0	53 400*	58.8	101.0	60 000*							44.0
46.0	52.4	97.5	49 800*	56.7	99.7	57 000*	60.6	101.2	62 200*				46.0
48.0	50.1	95.9	46 700*	54.5	98.3	53 100*	58.5	99.9	59 700*				48.0
50.0	47.7	94.1	43 800*	52.2	96.8	49 600*	56.4	98.6	56 500*				50.0
52.0	45.2	92.1	41 200*	49.9	95.1	46 500*	54.2	97.2	52 700*				52.0
54.0	42.6	90.0	38 800*	47.5	93.3	43 700*	51.9	95.7	49 400*	56.0	97.2	53 800	54.0
56.0	39.8	87.6	36 600*	45.0	91.3	41 100*	49.6	94.0	46 300*	53.8	95.7	51 300	56.0
58.0	36.9	85.0	34 600*	42.3	89.2	38 800*	47.2	92.1	43 500*	51.5	94.1	48 900*	58.0
60.0	33.7	82.1	32 700*	39.6	86.8	36 500*	44.6	90.2	40 900*	49.2	92.4	45 900*	60.0
62.0	30.3	78.8	30 900*	36.6	84.2	34 500*	42.0	88.0	38 600*	46.7	90.6	43 100*	62.0
64.0	26.4	75.0	29 000*	33.4	81.2	32 600*	39.2	85.6	36 400*	44.2	88.5	40 600*	64.0
66.0	21.9	70.3	26 900*	29.9	77.9	30 900*	36.2	82.9	34 400*	41.5	86.3	38 300*	66.0
68.0	16.2	64.3	22 800*	26.0	74.0	29 000*	33.0	79.9	32 500*	38.7	83.9	36 200*	68.0
70.0	6.3	53.4	17 000*	21.4	69.2	27 300*	29.4	76.5	30 800*	35.6	81.2	34 200*	70.0
72.0				15.5	63.0	24 700*	25.4	72.5	29 000*	32.4	78.1	32 300*	72.0
74.0							20.7	67.6	27 200*	28.8	74.6	30 600*	74.0
76.0							14.5	61.0	25 400*	24.7	70.5	28 900*	76.0
78.0										19.8	65.4	27 100*	78.0
80.0										13.1	58.3	25 300*	80.0

Liftcrane Luffing Jib Capacities

18000

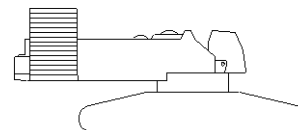
Luffing Jib No. 44 On

Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

 Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5


42.7m (140 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

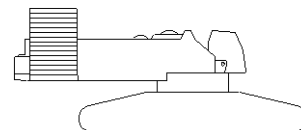
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	72.4	110.9	72 200*										27.4
28.0	71.9	110.7	71 500*										28.0
30.0	70.0	110.0	68 800*										30.0
32.0	68.2	109.2	66 100*										32.0
34.0	66.3	108.4	63 400*										34.0
36.0	64.5	107.4	60 900*										36.0
38.0	62.5	106.4	58 200*	66.2	107.7	63 400*							38.0
40.0	60.6	105.3	55 700*	64.3	106.7	60 800*							40.0
42.0	58.6	104.1	53 200*	62.3	105.7	58 300*							42.0
44.0	56.5	102.7	50 800*	60.4	104.6	55 800*							44.0
46.0	54.4	101.3	48 400*	58.4	103.4	53 300*	62.1	104.7	57 800*				46.0
48.0	52.3	99.8	46 200*	56.3	102.0	50 900*	60.1	103.5	55 400*				48.0
50.0	50.1	98.2	43 800*	54.2	100.6	48 600*	58.1	102.3	53 000*				50.0
52.0	47.8	96.4	41 200*	52.1	99.1	46 300*	56.1	100.9	50 700*				52.0
54.0	45.4	94.4	38 800*	49.8	97.4	43 700*	54.0	99.5	48 400*				54.0
56.0	42.9	92.3	36 500*	47.5	95.6	41 100*	51.8	97.9	46 200*	55.7	99.5	50 100*	56.0
58.0	40.3	90.0	34 500*	45.2	93.6	38 700*	49.6	96.3	43 500*	53.6	98.0	47 900*	58.0
60.0	37.5	87.4	32 600*	42.7	91.5	36 500*	47.2	94.4	40 900*	51.4	96.4	45 700*	60.0
62.0	34.6	84.6	30 800*	40.0	89.2	34 400*	44.8	92.5	38 500*	49.1	94.7	43 100*	62.0
64.0	31.4	81.4	29 000*	37.2	86.6	32 500*	42.3	90.3	36 300*	46.8	92.9	40 600*	64.0
66.0	27.8	77.8	27 300*	34.3	83.7	30 800*	39.7	87.9	34 300*	44.4	90.9	38 200*	66.0
68.0	23.8	73.5	25 600*	31.0	80.5	29 100*	36.9	85.3	32 400*	41.9	88.7	36 100*	68.0
70.0	18.9	68.2	22 400*	27.4	76.8	27 300*	33.9	82.4	30 700*	39.2	86.3	34 100*	70.0
72.0	12.2	60.7	18 000*	23.3	72.5	25 700*	30.6	79.2	29 000*	36.3	83.6	32 200*	72.0
74.0				18.4	67.0	23 800*	26.9	75.4	27 300*	33.3	80.7	30 500*	74.0
76.0				11.4	59.1	19 700*	22.8	70.9	25 700*	30.0	77.3	28 900*	76.0
78.0							17.6	65.3	24 100*	26.2	73.4	27 200*	78.0
80.0							10.1	56.7	21 000*	21.9	68.8	25 600*	80.0
82.0										16.5	62.8	24 000*	82.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
29.0	71.9	113.7	64 100*										29.0
30.0	70.9	113.3	63 700*										30.0
32.0	69.2	112.5	62 600*										32.0
34.0	67.4	111.7	60 200*										34.0
36.0	65.6	110.8	57 800*										36.0
38.0	63.8	109.8	55 300*										38.0
40.0	62.0	108.8	52 900*	65.5	110.1	57 700*							40.0
42.0	60.1	107.6	50 600*	63.6	109.2	55 300*							42.0
44.0	58.2	106.4	48 300*	61.8	108.1	53 000*							44.0
46.0	56.2	105.1	46 100*	59.9	106.9	50 700*							46.0
48.0	54.2	103.7	43 900*	58.0	105.7	48 400*	61.5	107.0	52 500*				48.0
50.0	52.1	102.1	41 800*	56.0	104.4	46 200*	59.7	105.9	50 300*				50.0
52.0	50.0	100.5	39 900*	54.0	102.9	44 100*	57.7	104.6	48 100*				52.0
54.0	47.8	98.7	38 000*	51.9	101.4	42 000*	55.8	103.3	46 000*				54.0
56.0	45.6	96.7	36 100*	49.8	99.7	40 000*	53.7	101.8	43 900*				56.0
58.0	43.2	94.6	34 200*	47.6	97.9	38 100*	51.7	100.2	41 900*	55.4	101.8	45 400*	58.0
60.0	40.7	92.3	32 300*	45.3	95.9	36 200*	49.5	98.6	39 900*	53.4	100.3	43 400*	60.0
62.0	38.1	89.9	30 500*	42.9	93.8	34 100*	47.3	96.7	38 000*	51.3	98.7	41 500*	62.0
64.0	35.3	87.1	28 900*	40.5	91.5	32 300*	45.0	94.8	36 000*	49.1	97.0	39 600*	64.0
66.0	32.3	84.0	27 300*	37.8	89.0	30 500*	42.6	92.6	34 000*	46.9	95.2	37 700*	66.0
68.0	29.0	80.6	25 700*	35.0	86.2	28 900*	40.1	90.3	32 100*	44.6	93.2	35 800*	68.0
70.0	25.4	76.5	24 200*	32.0	83.1	27 300*	37.5	87.8	30 400*	42.2	91.0	33 800*	70.0
72.0	21.1	71.7	22 100*	28.7	79.6	25 700*	34.6	84.9	28 800*	39.7	88.6	31 900*	72.0
74.0	15.7	65.4	18 400*	25.0	75.5	24 200*	31.6	81.8	27 300*	37.0	86.0	30 200*	74.0
76.0	6.8	54.7	13 500*	20.6	70.6	22 700*	28.2	78.2	25 700*	34.1	83.2	28 600*	76.0
78.0				15.1	64.1	20 200*	24.5	74.0	24 200*	31.0	79.9	27 100*	78.0
80.0							20.0	69.0	22 700*	27.6	76.3	25 600*	80.0
82.0							14.2	62.2	21 200*	23.7	72.0	24 100*	82.0
84.0										19.1	66.7	22 600*	84.0
86.0										12.9	59.3	21 100*	86.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On

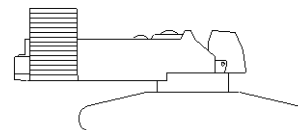
Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



42.7m (140 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

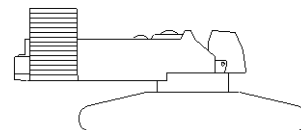
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
29.0	72.6	116.9	59 600*										29.0
30.0	71.8	116.5	59 300*										30.0
32.0	70.1	115.8	58 600*										32.0
34.0	68.4	115.0	57 200*										34.0
36.0	66.7	114.2	54 800*										36.0
38.0	65.0	113.2	52 400*										38.0
40.0	63.2	112.2	50 200*	66.6	113.5	54 700*							40.0
42.0	61.5	111.2	47 900*	64.8	112.6	52 400*							42.0
44.0	59.7	110.0	45 600*	63.1	111.5	50 100*							44.0
46.0	57.8	108.7	43 500*	61.3	110.5	47 900*							46.0
48.0	55.9	107.4	41 400*	59.5	109.3	45 700*							48.0
50.0	54.0	106.0	39 400*	57.6	108.0	43 500*	61.1	109.4	47 500*				50.0
52.0	52.0	104.4	37 400*	55.7	106.7	41 500*	59.2	108.2	45 300*				52.0
54.0	50.0	102.8	35 600*	53.8	105.2	39 500*	57.4	106.9	43 300*				54.0
56.0	47.9	101.0	33 800*	51.8	103.7	37 600*	55.5	105.6	41 300*				56.0
58.0	45.7	99.0	32 100*	49.8	102.0	35 700*	53.5	104.1	39 300*	57.0	105.5	42 700*	58.0
60.0	43.4	97.0	30 400*	47.7	100.2	33 900*	51.6	102.6	37 400*	55.1	104.1	40 800*	60.0
62.0	41.1	94.7	28 900*	45.5	98.3	32 200*	49.5	100.9	35 600*	53.2	102.6	38 900*	62.0
64.0	38.6	92.2	27 400*	43.2	96.2	30 500*	47.4	99.1	33 800*	51.2	101.0	37 100*	64.0
66.0	36.0	89.6	25 900*	40.8	93.9	29 000*	45.2	97.1	32 100*	49.1	99.3	35 300*	66.0
68.0	33.2	86.6	24 600*	38.4	91.4	27 500*	42.9	95.0	30 500*	47.0	97.5	33 600*	68.0
70.0	30.1	83.2	23 300*	35.7	88.7	26 100*	40.5	92.7	29 000*	44.8	95.5	31 900*	70.0
72.0	26.8	79.4	22 100*	32.9	85.7	24 700*	38.0	90.2	27 500*	42.5	93.3	30 300*	72.0
74.0	22.9	75.0	20 900*	29.8	82.3	23 400*	35.3	87.4	26 000*	40.1	91.0	28 800*	74.0
76.0	18.3	69.5	18 400*	26.4	78.4	22 200*	32.5	84.4	24 700*	37.6	88.5	27 400*	76.0
78.0	12.1	61.7	14 700*	22.5	73.9	21 000*	29.4	80.9	23 400*	34.9	85.7	25 900*	78.0
80.0				17.8	68.2	19 600*	25.9	77.0	22 200*	32.0	82.6	24 600*	80.0
82.0				11.3	60.1	16 200*	22.0	72.3	21 000*	28.8	79.0	23 400*	82.0
84.0							17.1	66.5	20 000*	25.3	75.0	22 100*	84.0
86.0							10.1	57.7	17 500*	21.2	70.2	21 000*	86.0
88.0										16.1	64.0	19 800*	88.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	69.1	73.0	247 500*b										15.2
16.0	66.9	72.7	230 900*b										16.0
18.0	60.8	71.6	189 200*										18.0
20.0	54.2	70.2	157 900*										20.0
22.0	47.0	68.4	135 200*	61.8	71.1	178 300*b							22.0
24.0	38.8	66.1	117 700*	55.4	69.8	160 900*							24.0
26.0	28.4	62.7	103 600*	48.3	68.1	138 900*	62.6	70.2	142 800*				26.0
28.0				40.2	65.8	120 700*	56.2	68.9	131 700*				28.0
30.0				30.4	62.7	106 200*	49.2	67.3	121 800				30.0
32.0				14.7	57.3	90 600*	41.4	65.1	112 400	56.7	67.7	107 300	32.0
34.0							31.8	62.2	104 000	49.8	66.0	99 400	34.0
36.0							17.6	57.3	93 700	42.0	63.9	92 400	36.0
38.0										32.6	61.1	86 200	38.0

48.8m (160 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

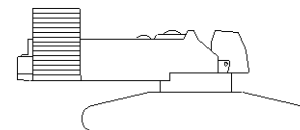
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	71.9	76.3	231 300*b										15.2
16.0	70.0	76.0	227 100*b										16.0
18.0	64.8	75.1	198 900*										18.0
20.0	59.4	73.9	164 400*										20.0
22.0	53.6	72.5	140 800*	65.7	74.6	177 900*b							22.0
24.0	47.3	70.7	122 800*	60.3	73.5	161 700*							24.0
26.0	40.2	68.4	108 500*	54.6	72.1	144 800*							26.0
28.0	31.8	65.5	96 700*	48.4	70.4	125 800*	61.0	72.6	131 400*				28.0
30.0	20.2	61.0	84 500*	41.5	68.2	110 900*	55.3	71.2	121 500				30.0
32.0				33.3	65.4	98 800*	49.2	69.6	112 100				32.0
34.0				22.6	61.3	88 300*	42.4	67.5	103 900	55.8	70.0	99 100	34.0
36.0							34.5	64.8	96 600	49.7	68.3	92 200	36.0
38.0							24.2	60.9	90 000	43.0	66.3	86 100	38.0
40.0										35.1	63.6	80 600	40.0
42.0										25.1	59.9	75 600	42.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	70.6	79.0	216 000*										16.8
18.0	67.8	78.4	200 100*										18.0
20.0	63.1	77.4	168 900*										20.0
22.0	58.3	76.2	144 800*										22.0
24.0	53.1	74.8	126 300*	63.9	77.0	161 600*							24.0
26.0	47.5	73.0	111 700*	59.1	75.8	147 900*							26.0
28.0	41.3	70.8	99 800*	54.0	74.4	129 500*							28.0
30.0	34.2	68.1	89 900*	48.5	72.7	114 200*	59.7	74.9	121 300				30.0
32.0	25.2	64.3	81 400*	42.4	70.6	101 900*	54.6	73.6	112 000				32.0
34.0				35.5	67.9	91 700*	49.2	71.9	103 800				34.0
36.0				26.9	64.4	83 000*	43.2	69.8	96 600	55.0	72.3	92 000	36.0
38.0				13.7	58.4	75 300*	36.4	67.3	90 200	49.6	70.6	85 900	38.0
40.0							28.2	63.9	84 300	43.7	68.6	80 500	40.0
42.0							16.1	58.5	76 600*	37.0	66.1	75 700	42.0
44.0										28.9	62.8	71 300	44.0

48.8m (160 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

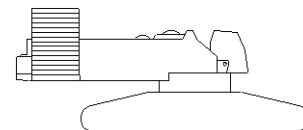
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	72.6	82.2	202 100*										16.8
18.0	70.1	81.7	199 900*										18.0
20.0	66.0	80.9	172 600*										20.0
22.0	61.8	79.8	147 800*										22.0
24.0	57.4	78.6	129 000*										24.0
26.0	52.7	77.1	114 100*	62.5	79.4	147 600*							26.0
28.0	47.6	75.3	102 000*	58.1	78.1	132 600*							28.0
30.0	42.2	73.2	91 900*	53.5	76.7	116 600*							30.0
32.0	36.0	70.6	83 500*	48.5	75.0	104 100*	58.7	77.3	111 600				32.0
34.0	28.6	67.2	76 100*	43.1	72.9	93 700*	54.1	75.9	103 400				34.0
36.0	18.5	62.2	68 600*	37.1	70.4	85 000*	49.2	74.2	96 300				36.0
38.0				29.9	67.2	77 500*	43.8	72.2	90 000	54.4	74.6	85 600	38.0
40.0				20.5	62.6	70 900*	37.9	69.7	84 300	49.6	72.9	80 200	40.0
42.0							30.9	66.6	78 700	44.3	70.9	75 400	42.0
44.0							22.0	62.3	72 000*	38.4	68.5	71 000	44.0
46.0										31.5	65.5	67 100	46.0
48.0										22.8	61.3	63 400	48.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	71.5	84.9	164 200*										18.3
20.0	68.4	84.2	156 700*										20.0
22.0	64.6	83.3	147 200*										22.0
24.0	60.7	82.2	131 400*										24.0
26.0	56.6	80.9	115 800*	65.2	82.8	147 500*							26.0
28.0	52.3	79.4	103 500*	61.3	81.7	134 700*							28.0
30.0	47.8	77.6	93 300*	57.3	80.5	118 200*							30.0
32.0	42.8	75.5	84 800*	53.1	79.0	105 600*	61.8	80.8	111 400				32.0
34.0	37.4	73.0	77 500*	48.6	77.3	95 200*	57.8	79.6	103 200				34.0
36.0	31.0	69.9	71 100*	43.7	75.2	86 400*	53.6	78.2	96 100				36.0
38.0	23.1	65.7	65 400*	38.3	72.8	78 900*	49.1	76.5	89 800	53.9	76.9	80 000	38.0
40.0				32.1	69.8	72 400*	44.3	74.5	84 200	49.5	75.2	75 200	40.0
42.0				24.6	65.9	66 600*	39.0	72.1	79 200	44.7	73.3	70 900	42.0
44.0				13.1	59.5	60 300*	33.0	69.2	73 400	39.5	70.9	67 000	44.0
46.0							25.7	65.4	67 500*	33.5	68.1	63 400	46.0
48.0							15.1	59.6	61 900*	26.3	64.4	60 100	48.0
50.0													50.0

48.8m (160 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

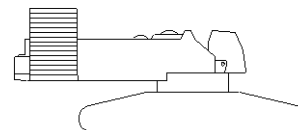
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	70.6	87.6	152 300*										19.8
20.0	70.3	87.5	151 500*										20.0
22.0	66.9	86.7	143 200*										22.0
24.0	63.4	85.7	132 300*										24.0
26.0	59.8	84.5	117 100*	67.4	86.2	145 100*							26.0
28.0	56.0	83.2	104 700*	64.0	85.2	135 000*							28.0
30.0	52.1	81.7	94 400*	60.4	84.1	119 900*							30.0
32.0	47.9	79.9	85 800*	56.6	82.8	106 800*							32.0
34.0	43.4	77.9	78 400*	52.7	81.3	96 200*	60.8	83.2	102 900				34.0
36.0	38.5	75.4	72 000*	48.6	79.6	87 300*	57.1	81.9	95 700				36.0
38.0	32.9	72.5	66 400*	44.2	77.6	79 800*	53.2	80.5	89 500				38.0
40.0	26.3	68.8	61 400*	39.3	75.2	73 200*	49.1	78.8	83 900				40.0
42.0	17.3	63.4	55 000*	33.9	72.4	67 500*	44.7	76.8	78 800	53.5	79.2	74 800	42.0
44.0				27.5	68.8	62 400*	40.0	74.5	74 100	49.5	77.5	70 500	44.0
46.0				19.1	63.8	57 500*	34.6	71.8	68 400*	45.1	75.6	66 600	46.0
48.0							28.4	68.3	63 200*	40.3	73.3	63 100	48.0
50.0							20.3	63.6	58 600*	35.1	70.6	59 800	50.0
52.0										28.9	67.2	56 800	52.0
54.0										21.1	62.6	54 000	54.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

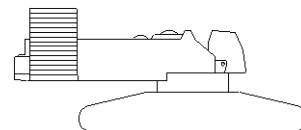
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	72.1	90.8	148 600*										19.8
20.0	71.8	90.7	147 900*										20.0
22.0	68.7	90.0	139 800*										22.0
24.0	65.6	89.1	132 200*										24.0
26.0	62.3	88.1	118 600*										26.0
28.0	59.0	86.9	106 000*	66.1	88.6	133 600*							28.0
30.0	55.5	85.5	95 700*	62.9	87.6	121 800*							30.0
32.0	51.8	84.0	87 000*	59.5	86.4	108 200*							32.0
34.0	48.0	82.2	79 500*	56.1	85.1	97 500*							34.0
36.0	43.9	80.2	73 100*	52.4	83.6	88 500*	60.0	85.6	95 800				36.0
38.0	39.4	77.8	67 500*	48.6	81.9	80 900*	56.5	84.3	89 500				38.0
40.0	34.4	75.0	62 500*	44.6	79.9	74 300*	52.9	82.8	83 900				40.0
42.0	28.7	71.6	58 100*	40.2	77.6	68 600*	49.1	81.1	78 900				42.0
44.0	21.5	67.1	54 000*	35.3	74.9	63 500*	45.1	79.1	74 400	53.2	81.5	70 500	44.0
46.0				29.7	71.6	59 000*	40.7	76.9	69 500*	49.4	79.8	66 700	46.0
48.0				22.8	67.3	54 900*	35.9	74.2	64 300*	45.4	77.9	63 100	48.0
50.0				12.6	60.5	48 400*	30.5	71.0	59 700*	41.1	75.7	59 900	50.0
52.0							23.8	66.9	55 600*	36.3	73.1	56 900	52.0
54.0							14.4	60.7	50 800*	30.9	69.9	54 200	54.0
56.0										24.4	65.9	51 600	56.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

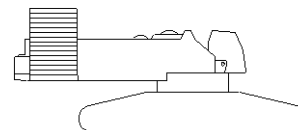
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	71.3	93.5	136 700*										21.3
22.0	70.3	93.3	134 200*										22.0
24.0	67.4	92.4	126 900*										24.0
26.0	64.5	91.5	119 400*										26.0
28.0	61.4	90.4	106 500*										28.0
30.0	58.3	89.2	96 100*	65.0	91.0	120 500*							30.0
32.0	55.0	87.8	87 300*	61.9	90.0	108 700*							32.0
34.0	51.6	86.3	79 800*	58.8	88.8	97 900*							34.0
36.0	48.0	84.5	73 300*	55.6	87.4	88 900*							36.0
38.0	44.2	82.5	67 700*	52.2	85.9	81 200*	59.2	87.9	89 100				38.0
40.0	40.1	80.2	62 700*	48.6	84.2	74 600*	56.0	86.6	83 500				40.0
42.0	35.7	77.5	58 300*	44.9	82.2	68 800*	52.6	85.1	78 600				42.0
44.0	30.6	74.3	54 300*	40.8	80.0	63 700*	49.1	83.4	74 100				44.0
46.0	24.5	70.3	50 700*	36.4	77.4	59 200*	45.4	81.5	69 800*	52.9	83.8	66 300	46.0
48.0	16.4	64.6	45 400*	31.5	74.2	55 200*	41.4	79.2	64 500*	49.4	82.1	62 700	48.0
50.0				25.6	70.4	51 500*	37.0	76.7	59 900*	45.7	80.2	59 500	50.0
52.0				18.0	65.1	47 900*	32.1	73.7	55 800*	41.7	78.0	56 600	52.0
54.0							26.4	69.9	52 100*	37.4	75.5	53 900	54.0
56.0							19.1	64.9	48 700*	32.5	72.5	51 300	56.0
58.0										26.9	68.8	49 000	58.0
60.0										19.8	63.9	46 700	60.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

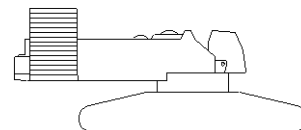
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	72.6	96.7	117 700*										21.3
22.0	71.7	96.5	116 100*										22.0
24.0	69.0	95.7	111 500*										24.0
26.0	66.3	94.9	107 100*										26.0
28.0	63.5	93.9	102 800*										28.0
30.0	60.6	92.8	96 700*										30.0
32.0	57.7	91.5	87 700*	64.0	93.4	104 300*							32.0
34.0	54.6	90.2	80 200*	61.1	92.3	98 800*							34.0
36.0	51.4	88.6	73 700*	58.2	91.1	89 300*							36.0
38.0	48.1	86.8	68 000*	55.1	89.7	81 500*							38.0
40.0	44.6	84.8	63 100*	52.0	88.2	74 900*	58.6	90.2	83 200				40.0
42.0	40.8	82.6	58 600*	48.7	86.5	69 100*	55.5	88.9	78 300				42.0
44.0	36.7	80.0	54 700*	45.2	84.5	64 000*	52.4	87.4	73 800				44.0
46.0	32.1	76.9	51 000*	41.4	82.3	59 500*	49.1	85.7	69 700	55.8	87.6	65 900	46.0
48.0	26.9	73.2	47 800*	37.4	79.8	55 400*	45.6	83.8	64 900*	52.6	86.1	62 400	48.0
50.0	20.3	68.4	44 400*	32.9	76.8	51 800*	41.9	81.6	60 200*	49.4	84.4	59 300	50.0
52.0				27.8	73.3	48 500*	37.9	79.1	56 200*	45.9	82.5	56 300	52.0
54.0				21.5	68.7	45 400*	33.5	76.2	52 400*	42.2	80.4	53 600	54.0
56.0				12.3	61.6	39 900*	28.5	72.7	49 100*	38.3	77.9	51 100	56.0
58.0							22.4	68.3	46 000*	33.9	75.1	48 800	58.0
60.0							13.9	61.8	42 200*	28.9	71.6	46 600	60.0
62.0										22.9	67.3	44 600	62.0
64.0										14.7	61.0	42 600	64.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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

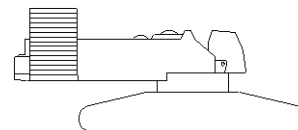
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	71.8	99.4	109 900*										22.9
24.0	70.4	99.0	107 400*										24.0
26.0	67.9	98.2	102 900*										26.0
28.0	65.3	97.3	98 700*										28.0
30.0	62.7	96.3	94 600*										30.0
32.0	59.9	95.2	87 600*	65.7	96.8	100 000*							32.0
34.0	57.2	93.9	80 100*	63.1	95.8	95 800*							34.0
36.0	54.3	92.5	73 500*	60.4	94.7	89 500*							36.0
38.0	51.3	90.9	67 900*	57.6	93.4	81 400*							38.0
40.0	48.2	89.1	62 900*	54.8	92.1	74 700*	60.8	93.8	82 900				40.0
42.0	44.9	87.2	58 500*	51.8	90.5	68 900*	58.0	92.6	77 900				42.0
44.0	41.4	84.9	54 500*	48.7	88.8	63 900*	55.1	91.2	73 400				44.0
46.0	37.6	82.4	51 000*	45.4	86.8	59 400*	52.2	89.7	69 300				46.0
48.0	33.4	79.5	47 700*	42.0	84.7	55 300*	49.1	88.0	64 700*	55.4	89.9	62 100	48.0
50.0	28.7	76.0	44 800*	38.2	82.2	51 700*	45.9	86.1	60 100*	52.4	88.4	58 900	50.0
52.0	23.1	71.7	42 000*	34.1	79.4	48 400*	42.4	83.9	56 000*	49.3	86.7	55 900	52.0
54.0	15.7	65.7	37 200*	29.6	76.0	45 400*	38.7	81.5	52 300*	46.1	84.8	53 200	54.0
56.0				24.2	71.9	42 600*	34.7	78.7	49 000*	42.7	82.7	50 800	56.0
58.0				17.2	66.3	39 900*	30.2	75.4	46 000*	39.0	80.3	48 500	58.0
60.0							24.9	71.4	43 100*	35.0	77.6	46 300	60.0
62.0							18.2	66.1	40 500*	30.5	74.3	44 300	62.0
64.0							5.9	55.8	35 000*	25.4	70.4	42 400	64.0
66.0										18.8	65.2	40 600	66.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

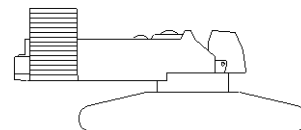
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	72.9	102.7	106 300*										22.9
24.0	71.6	102.3	103 800*										24.0
26.0	69.2	101.5	99 400*										26.0
28.0	66.8	100.7	95 300*										28.0
30.0	64.4	99.7	91 200*										30.0
32.0	61.9	98.7	87 300*	67.2	100.2	96 200*							32.0
34.0	59.3	97.5	80 400*	64.8	99.2	92 400*							34.0
36.0	56.7	96.2	73 900*	62.3	98.2	88 400*							36.0
38.0	54.0	94.8	68 200*	59.8	97.1	81 800*							38.0
40.0	51.2	93.2	63 200*	57.1	95.8	75 100*							40.0
42.0	48.2	91.4	58 800*	54.4	94.4	69 200*	60.1	96.2	77 900				42.0
44.0	45.1	89.5	54 800*	51.6	92.8	64 100*	57.5	94.9	73 400				44.0
46.0	41.8	87.3	51 200*	48.7	91.1	59 600*	54.8	93.5	69 300				46.0
48.0	38.3	84.8	48 000*	45.6	89.2	55 600*	52.0	92.0	65 000*				48.0
50.0	34.5	82.0	45 100*	42.4	87.0	52 000*	49.1	90.3	60 300*	55.0	92.2	58 800	50.0
52.0	30.3	78.7	42 400*	38.9	84.6	48 700*	46.0	88.4	56 200*	52.2	90.7	55 900	52.0
54.0	25.4	74.8	39 900*	35.2	81.9	45 700*	42.8	86.3	52 600*	49.3	89.0	53 200	54.0
56.0	19.3	69.7	36 600*	31.0	78.7	43 000*	39.4	83.9	49 300*	46.3	87.2	50 700	56.0
58.0				26.3	74.9	40 400*	35.7	81.2	46 200*	43.1	85.1	48 400	58.0
60.0				20.5	70.0	38 000*	31.6	78.1	43 500*	39.7	82.7	46 300	60.0
62.0				12.0	62.7	33 400*	26.9	74.4	40 900*	36.0	80.0	44 300	62.0
64.0							21.3	69.7	38 600*	31.9	76.9	42 400	64.0
66.0							13.4	62.9	35 500*	27.3	73.3	40 600	66.0
68.0										21.8	68.7	38 800	68.0
70.0										14.2	62.2	36 400*	70.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

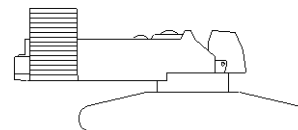
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	72.2	105.4	97 600*										24.4
26.0	70.5	104.8	94 500*										26.0
28.0	68.2	104.0	90 400*										28.0
30.0	65.9	103.1	86 500*										30.0
32.0	63.6	102.1	82 700*										32.0
34.0	61.2	101.0	79 000*	66.3	102.6	87 500*							34.0
36.0	58.8	99.8	74 200*	64.0	101.7	83 800*							36.0
38.0	56.3	98.5	68 200*	61.6	100.6	80 300*							38.0
40.0	53.7	97.1	63 200*	59.2	99.4	75 300*							40.0
42.0	51.0	95.5	58 800*	56.7	98.1	69 300*	61.9	99.7	77 500				42.0
44.0	48.3	93.7	54 800*	54.1	96.7	64 100*	59.5	98.5	73 000				44.0
46.0	45.3	91.8	51 200*	51.5	95.1	59 600*	57.0	97.2	69 000				46.0
48.0	42.3	89.6	47 900*	48.7	93.4	55 500*	54.5	95.8	65 000				48.0
50.0	39.0	87.2	45 000*	45.8	91.5	51 900*	51.8	94.3	60 300*				50.0
52.0	35.5	84.5	42 300*	42.8	89.3	48 600*	49.1	92.6	56 200*	54.7	94.6	55 400	52.0
54.0	31.6	81.4	39 800*	39.6	87.0	45 600*	46.2	90.7	52 500*	52.0	93.0	52 800	54.0
56.0	27.2	77.7	37 500*	36.1	84.3	42 900*	43.2	88.6	49 200*	49.3	91.3	50 300	56.0
58.0	22.0	73.1	35 300*	32.3	81.3	40 400*	40.0	86.3	46 100*	46.4	89.5	48 000	58.0
60.0	15.1	66.9	30 700*	28.0	77.7	38 000*	36.6	83.7	43 400*	43.4	87.4	45 900	60.0
62.0				23.0	73.3	35 900*	32.8	80.7	40 900*	40.2	85.1	43 900	62.0
64.0				16.5	67.4	33 600*	28.6	77.2	38 500*	36.8	82.5	42 100	64.0
66.0							23.7	72.9	36 300*	33.1	79.5	40 300	66.0
68.0							17.5	67.3	34 100*	28.9	76.1	38 600	68.0
70.0							6.6	57.1	29 400*	24.1	71.9	36 600*	70.0
72.0										18.0	66.4	34 500*	72.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



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

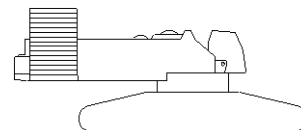
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	71.6	108.1	86 200*										25.9
26.0	71.5	108.0	86 100*										26.0
28.0	69.4	107.3	83 200*										28.0
30.0	67.3	106.4	80 500*										30.0
32.0	65.1	105.5	77 800*										32.0
34.0	62.9	104.5	75 000*										34.0
36.0	60.6	103.4	72 200*	65.5	105.0	78 600*							36.0
38.0	58.3	102.2	68 200*	63.2	104.0	76 000*							38.0
40.0	55.9	100.8	63 100*	61.0	102.9	73 200*							40.0
42.0	53.5	99.4	58 700*	58.7	101.7	69 500*							42.0
44.0	50.9	97.8	54 700*	56.3	100.4	64 100*	61.3	102.1	72 600				44.0
46.0	48.3	96.0	51 100*	53.9	99.0	59 500*	59.0	100.9	68 700				46.0
48.0	45.5	94.1	47 900*	51.4	97.4	55 500*	56.6	99.6	64 800				48.0
50.0	42.7	92.0	44 900*	48.7	95.7	51 800*	54.2	98.2	60 300*				50.0
52.0	39.6	89.6	42 300*	46.0	93.8	48 600*	51.7	96.6	56 100*	56.8	98.3	55 100	52.0
54.0	36.3	87.0	39 800*	43.1	91.7	45 600*	49.1	94.9	52 400*	54.4	96.9	52 500	54.0
56.0	32.7	83.9	37 500*	40.1	89.4	42 800*	46.4	93.0	49 100*	51.9	95.3	50 000	56.0
58.0	28.8	80.5	35 400*	36.9	86.8	40 300*	43.5	90.9	46 000*	49.3	93.6	47 800	58.0
60.0	24.2	76.3	33 400*	33.4	83.8	38 000*	40.5	88.7	43 300*	46.6	91.8	45 600	60.0
62.0	18.5	70.9	30 200*	29.5	80.4	35 900*	37.3	86.1	40 800*	43.7	89.7	43 600	62.0
64.0	10.0	62.5	24 100*	25.0	76.4	33 900*	33.8	83.2	38 500*	40.8	87.4	41 800	64.0
66.0				19.6	71.3	31 800*	30.0	79.9	36 300*	37.6	84.9	40 100	66.0
68.0				11.9	63.7	27 800*	25.6	75.9	34 300*	34.1	82.1	38 400	68.0
70.0							20.4	71.0	32 300*	30.3	78.8	36 600	70.0
72.0							13.1	64.0	29 700*	26.0	74.9	34 600*	72.0
74.0										20.8	70.1	32 600*	74.0
76.0										13.8	63.3	30 500*	76.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	72.6	111.3	82 400*										25.9
26.0	72.5	111.2	82 300*										26.0
28.0	70.5	110.5	79 500*										28.0
30.0	68.5	109.8	76 700*										30.0
32.0	66.4	108.9	74 000*										32.0
34.0	64.3	107.9	71 300*										34.0
36.0	62.2	106.9	68 600*	66.8	108.4	74 700*							36.0
38.0	60.1	105.8	65 900*	64.7	107.5	72 100*							38.0
40.0	57.9	104.5	62 900*	62.6	106.4	69 500*							40.0
42.0	55.6	103.2	58 400*	60.4	105.3	66 800*							42.0
44.0	53.2	101.7	54 400*	58.2	104.1	63 600*							44.0
46.0	50.8	100.1	50 800*	56.0	102.7	59 200*	60.7	104.4	67 000*				46.0
48.0	48.3	98.3	47 600*	53.6	101.3	55 200*	58.5	103.2	64 200*				48.0
50.0	45.7	96.4	44 600*	51.2	99.7	51 500*	56.3	101.9	60 000*				50.0
52.0	43.0	94.3	41 900*	48.8	98.0	48 200*	53.9	100.5	55 800*				52.0
54.0	40.1	92.0	39 500*	46.2	96.1	45 300*	51.6	98.9	52 100*	56.4	100.6	52 100	54.0
56.0	37.0	89.4	37 200*	43.5	94.0	42 500*	49.1	97.2	48 800*	54.1	99.2	49 600	56.0
58.0	33.7	86.5	35 200*	40.6	91.7	40 000*	46.5	95.3	45 700*	51.7	97.6	47 300	58.0
60.0	30.1	83.2	33 200*	37.6	89.2	37 700*	43.8	93.3	43 000*	49.3	95.9	45 200	60.0
62.0	26.0	79.3	31 400*	34.3	86.3	35 600*	41.0	91.0	40 500*	46.7	94.1	43 300	62.0
64.0	21.1	74.5	29 400*	30.7	83.1	33 700*	38.0	88.5	38 200*	44.0	92.0	41 400	64.0
66.0	14.7	68.0	25 000*	26.7	79.3	31 800*	34.7	85.7	36 000*	41.2	89.8	39 700	66.0
68.0				22.0	74.7	30 000*	31.2	82.5	34 000*	38.2	87.3	38 100	68.0
70.0				15.9	68.6	28 000*	27.2	78.8	32 200*	35.0	84.5	36 300	70.0
72.0							22.6	74.3	30 400*	31.5	81.4	34 300*	72.0
74.0							16.8	68.5	28 500*	27.6	77.7	32 400*	74.0
76.0							7.1	58.3	24 300*	23.0	73.3	30 700*	76.0
78.0										17.4	67.6	28 900*	78.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On

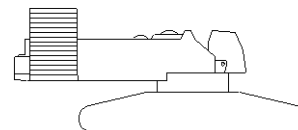
Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

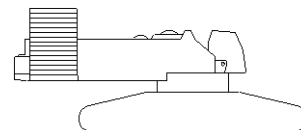
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	72.0	114.0	76 300*										27.4
28.0	71.5	113.8	75 800*										28.0
30.0	69.6	113.1	73 400*										30.0
32.0	67.6	112.2	70 700*										32.0
34.0	65.7	111.3	68 100*										34.0
36.0	63.7	110.3	65 400*										36.0
38.0	61.6	109.3	62 800*	66.0	110.8	68 700*							38.0
40.0	59.6	108.1	60 200*	64.0	109.9	66 200*							40.0
42.0	57.4	106.8	57 600*	62.0	108.8	63 700*							42.0
44.0	55.3	105.5	54 300*	59.9	107.7	61 100*							44.0
46.0	53.0	104.0	50 700*	57.8	106.4	58 500*	62.2	107.9	63 700*				46.0
48.0	50.7	102.4	47 500*	55.6	105.1	55 200*	60.2	106.8	61 300*				48.0
50.0	48.4	100.6	44 600*	53.4	103.6	51 400*	58.1	105.6	58 900*				50.0
52.0	45.9	98.7	41 900*	51.1	102.0	48 200*	55.9	104.2	55 700*				52.0
54.0	43.3	96.6	39 400*	48.8	100.3	45 200*	53.7	102.8	52 000*				54.0
56.0	40.6	94.3	37 200*	46.3	98.4	42 500*	51.4	101.2	48 700*	56.1	102.9	49 500	56.0
58.0	37.7	91.8	35 100*	43.7	96.3	40 000*	49.1	99.5	45 700*	53.9	101.5	47 200	58.0
60.0	34.6	89.0	33 200*	41.0	94.1	37 700*	46.6	97.6	42 900*	51.6	99.9	45 100	60.0
62.0	31.2	85.8	31 400*	38.2	91.6	35 600*	44.1	95.6	40 400*	49.3	98.2	43 100	62.0
64.0	27.5	82.1	29 700*	35.1	88.8	33 600*	41.4	93.4	38 100*	46.8	96.4	41 300	64.0
66.0	23.2	77.8	28 000*	31.8	85.7	31 800*	38.6	90.9	36 000*	44.3	94.4	39 600	66.0
68.0	17.9	72.2	25 400*	28.1	82.1	30 100*	35.5	88.2	34 000*	41.6	92.2	38 000	68.0
70.0	10.0	63.6	20 200*	23.9	77.9	28 500*	32.3	85.1	32 200*	38.8	89.7	36 200	70.0
72.0				18.9	72.6	26 700*	28.6	81.6	30 400*	35.8	87.0	34 200*	72.0
74.0				11.7	64.8	23 600*	24.5	77.5	28 800*	32.5	84.0	32 400*	74.0
76.0							19.6	72.3	27 200*	28.9	80.5	30 700*	76.0
78.0							12.9	65.1	25 100*	24.9	76.4	29 000*	78.0
80.0										20.0	71.4	27 500*	80.0
82.0										13.5	64.4	25 700*	82.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

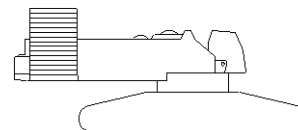
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	72.8	117.2	70 700*										27.4
28.0	72.3	117.0	70 500*										28.0
30.0	70.5	116.3	68 900*										30.0
32.0	68.7	115.5	66 100*										32.0
34.0	66.8	114.7	63 500*										34.0
36.0	65.0	113.7	61 000*										36.0
38.0	63.0	112.7	58 500*										38.0
40.0	61.1	111.7	56 000*	65.3	113.3	61 700*							40.0
42.0	59.1	110.5	53 600*	63.4	112.3	59 200*							42.0
44.0	57.1	109.2	51 200*	61.4	111.2	56 800*							44.0
46.0	55.0	107.8	48 900*	59.4	110.0	54 400*							46.0
48.0	52.9	106.3	46 600*	57.4	108.7	52 000*	61.7	110.3	56 900*				48.0
50.0	50.7	104.7	44 500*	55.3	107.4	49 700*	59.7	109.2	54 600*				50.0
52.0	48.4	102.9	41 800*	53.2	105.9	47 400*	57.7	107.9	52 300*				52.0
54.0	46.0	101.0	39 400*	51.0	104.3	45 100*	55.6	106.5	50 100*				54.0
56.0	43.6	99.0	37 100*	48.8	102.6	42 400*	53.5	105.1	47 900*				56.0
58.0	41.0	96.7	35 000*	46.4	100.7	39 900*	51.3	103.5	45 700*	55.8	105.2	46 800	58.0
60.0	38.3	94.2	33 100*	44.0	98.7	37 600*	49.1	101.8	42 900*	53.7	103.8	44 700	60.0
62.0	35.4	91.5	31 300*	41.4	96.4	35 500*	46.7	99.9	40 400*	51.5	102.2	42 700	62.0
64.0	32.2	88.4	29 600*	38.7	94.0	33 500*	44.3	97.9	38 000*	49.2	100.5	40 900	64.0
66.0	28.8	84.9	28 000*	35.9	91.3	31 700*	41.8	95.7	35 900*	46.9	98.7	39 200	66.0
68.0	24.9	80.8	26 400*	32.8	88.3	30 000*	39.1	93.3	33 900*	44.5	96.7	37 600	68.0
70.0	20.3	75.8	24 700*	29.4	84.9	28 400*	36.3	90.6	32 000*	42.0	94.5	36 100	70.0
72.0	14.3	69.1	20 500*	25.6	80.9	26 800*	33.2	87.7	30 300*	39.3	92.1	34 200*	72.0
74.0				21.1	76.1	25 300*	29.8	84.3	28 700*	36.5	89.5	32 300*	74.0
76.0				15.5	69.8	23 400*	26.1	80.4	27 200*	33.4	86.5	30 600*	76.0
78.0							21.8	75.7	25 700*	30.1	83.2	28 900*	78.0
80.0							16.3	69.7	24 000*	26.4	79.3	27 400*	80.0
82.0							7.5	59.5	20 400*	22.1	74.7	25 900*	82.0
84.0										16.8	68.8	24 300*	84.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

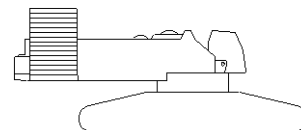
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
29.0	72.3	119.9	62 900*										29.0
30.0	71.4	119.5	62 500*										30.0
32.0	69.7	118.8	61 800*										32.0
34.0	67.9	118.0	60 300*										34.0
36.0	66.1	117.1	57 900*										36.0
38.0	64.3	116.2	55 500*										38.0
40.0	62.5	115.1	53 200*	66.4	116.6	58 400*							40.0
42.0	60.6	114.0	50 900*	64.6	115.7	56 100*							42.0
44.0	58.7	112.8	48 700*	62.8	114.7	53 900*							44.0
46.0	56.7	111.5	46 500*	60.9	113.6	51 600*							46.0
48.0	54.7	110.1	44 400*	59.0	112.4	49 400*							48.0
50.0	52.7	108.6	42 300*	57.1	111.1	47 200*	61.2	112.7	51 700*				50.0
52.0	50.6	107.0	40 300*	55.1	109.7	45 100*	59.3	111.5	49 600*				52.0
54.0	48.4	105.2	38 400*	53.0	108.2	43 000*	57.3	110.2	47 500*				54.0
56.0	46.2	103.3	36 600*	50.9	106.6	41 000*	55.3	108.9	45 400*				56.0
58.0	43.8	101.3	34 700*	48.8	104.9	39 100*	53.3	107.4	43 400*	57.5	108.9	46 500	58.0
60.0	41.4	99.1	32 800*	46.5	103.0	37 200*	51.2	105.8	41 400*	55.5	107.6	44 400	60.0
62.0	38.8	96.6	31 000*	44.2	101.0	35 200*	49.1	104.1	39 500*	53.5	106.1	42 400	62.0
64.0	36.1	93.9	29 300*	41.8	98.8	33 300*	46.8	102.2	37 600*	51.4	104.5	40 600	64.0
66.0	33.1	90.9	27 800*	39.2	96.4	31 400*	44.5	100.2	35 600*	49.2	102.8	38 900	66.0
68.0	29.9	87.6	26 300*	36.5	93.7	29 700*	42.1	98.1	33 600*	47.0	101.0	37 300	68.0
70.0	26.4	83.7	24 900*	33.6	90.8	28 100*	39.6	95.7	31 800*	44.7	99.0	35 800	70.0
72.0	22.3	79.2	23 300*	30.5	87.5	26 600*	36.9	93.1	30 000*	42.3	96.8	33 800*	72.0
74.0	17.3	73.4	20 900*	27.0	83.8	25 200*	34.0	90.2	28 500*	39.8	94.5	32 000*	74.0
76.0	10.0	64.7	16 300*	23.0	79.3	23 800*	30.9	87.0	26 900*	37.1	91.9	30 300*	76.0
78.0				18.2	73.8	22 300*	27.5	83.3	25 500*	34.2	89.0	28 700*	78.0
80.0				11.6	65.9	19 400*	23.6	78.9	24 200*	31.2	85.8	27 100*	80.0
82.0							18.9	73.6	22 700*	27.8	82.2	25 700*	82.0
84.0							12.6	66.2	21 000*	23.9	77.9	24 400*	84.0
86.0										19.3	72.7	23 000*	86.0
88.0										13.2	65.5	21 500*	88.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



48.8m (160 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
30.5	71.8	122.6	58 000*										30.5
32.0	70.6	122.1	57 500*										32.0
34.0	68.9	121.3	56 800*										34.0
36.0	67.2	120.5	55 000*										36.0
38.0	65.5	119.6	52 600*										38.0
40.0	63.7	118.6	50 400*	67.5	119.9	55 300*							40.0
42.0	61.9	117.5	48 200*	65.7	119.1	53 200*							42.0
44.0	60.1	116.4	46 000*	64.0	118.1	51 000*							44.0
46.0	58.3	115.2	43 900*	62.2	117.1	48 800*							46.0
48.0	56.4	113.8	41 800*	60.4	115.9	46 700*							48.0
50.0	54.5	112.4	39 800*	58.6	114.7	44 500*							50.0
52.0	52.5	110.9	37 900*	56.7	113.4	42 400*	60.7	115.1	46 800*				52.0
54.0	50.5	109.3	36 000*	54.8	112.0	40 400*	58.8	113.8	44 700*				54.0
56.0	48.4	107.5	34 200*	52.9	110.5	38 500*	57.0	112.6	42 700*				56.0
58.0	46.3	105.6	32 500*	50.9	108.9	36 600*	55.1	111.2	40 800*				58.0
60.0	44.1	103.6	30 800*	48.8	107.2	34 800*	53.1	109.7	38 900*	57.1	111.3	42 600*	60.0
62.0	41.7	101.4	29 300*	46.7	105.3	33 100*	51.1	108.1	37 000*	55.2	109.9	40 700*	62.0
64.0	39.3	99.0	27 800*	44.4	103.3	31 400*	49.1	106.4	35 200*	53.3	108.4	38 900*	64.0
66.0	36.7	96.4	26 300*	42.1	101.1	29 800*	46.9	104.5	33 500*	51.3	106.8	37 100*	66.0
68.0	33.9	93.5	25 000*	39.7	98.8	28 300*	44.7	102.6	31 800*	49.2	105.1	35 300*	68.0
70.0	31.0	90.2	23 600*	37.1	96.2	26 800*	42.4	100.4	30 200*	47.1	103.3	33 600*	70.0
72.0	27.7	86.6	22 400*	34.4	93.3	25 400*	40.0	98.1	28 700*	44.9	101.3	32 000*	72.0
74.0	24.0	82.3	21 200*	31.5	90.2	24 100*	37.5	95.5	27 200*	42.6	99.2	30 400*	74.0
76.0	19.7	77.1	20 100*	28.2	86.6	22 800*	34.8	92.7	25 800*	40.2	96.8	28 900*	76.0
78.0	14.0	70.2	16 900*	24.6	82.4	21 700*	31.9	89.6	24 500*	37.7	94.3	27 400*	78.0
80.0				20.4	77.4	20 500*	28.7	86.0	23 200*	35.0	91.5	26 000*	80.0
82.0				15.1	70.9	19 300*	25.1	82.0	22 000*	32.1	88.4	24 700*	82.0
84.0							21.0	77.1	20 800*	28.9	84.9	23 400*	84.0
86.0							15.9	70.9	19 700*	25.4	80.9	22 200*	86.0
88.0							7.8	60.7	17 000*	21.4	76.1	21 100*	88.0
90.0										16.3	70.0	20 000*	90.0

Liftcrane Luffing Jib Capacities

18000

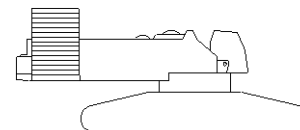
Luffing Jib No. 44 On

Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

 Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5


54.9m (180 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	70.7	79.3	216 600*b										15.2
16.0	68.5	79.0	213 000*b										16.0
18.0	62.4	78.0	197 400*b										18.0
20.0	56.0	76.7	165 500*										20.0
22.0	49.0	75.0	140 900*	65.1	77.7	176 300*b							22.0
24.0	41.1	72.8	122 200*	58.8	76.5	160 200*							24.0
26.0	31.5	69.8	107 400*	52.1	75.0	146 800*							26.0
28.0				44.7	73.1	130 500*							28.0
30.0				35.9	70.5	113 600*	54.8	74.5	119 700				30.0
32.0				24.4	66.7	100 400*	47.7	72.8	110 500				32.0
34.0							39.5	70.5	102 300				34.0
36.0							29.4	67.3	95 100	50.1	71.8	90 200	36.0
38.0							12.5	61.3	88 400	42.4	69.8	84 200	38.0
40.0										33.1	66.9	78 800	40.0
42.0										19.9	62.5	73 800	42.0

54.9m (180 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

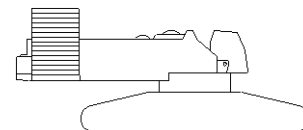
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	69.4	82.0	200 200*b										16.8
18.0	66.2	81.4	195 100*b										18.0
20.0	60.8	80.3	172 900*										20.0
22.0	55.2	79.0	146 800*										22.0
24.0	49.0	77.3	127 400*	63.2	80.1	160 000*							24.0
26.0	42.2	75.2	112 200*	57.6	78.8	146 600*							26.0
28.0	34.2	72.4	99 800*	51.7	77.3	134 300*							28.0
30.0	23.9	68.5	89 400*	45.2	75.4	118 900*	59.8	78.2	119 400				30.0
32.0				37.8	73.0	105 200*	54.1	76.8	110 200				32.0
34.0				28.8	69.7	94 000*	47.8	75.1	102 100				34.0
36.0				14.8	64.1	79 100*	40.9	72.9	95 000				36.0
38.0							32.6	70.0	88 700	50.0	74.1	83 900	38.0
40.0							21.4	65.7	82 900	43.3	72.1	78 600	40.0
42.0										35.5	69.5	73 800	42.0
44.0										25.7	65.8	69 400	44.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	71.8	85.2	192 100*b										16.8
18.0	69.0	84.7	187 300*b										18.0
20.0	64.4	83.8	178 300*										20.0
22.0	59.6	82.7	150 900*										22.0
24.0	54.5	81.3	131 100*										24.0
26.0	49.0	79.6	115 600*	61.7	82.5	146 300*							26.0
28.0	43.0	77.5	102 900*	56.7	81.2	135 000*							28.0
30.0	36.2	74.9	92 500*	51.4	79.6	122 600*							30.0
32.0	27.9	71.5	83 700*	45.7	77.7	108 300*	58.7	80.6	110 000				32.0
34.0				39.3	75.4	97 000*	53.5	79.1	101 900				34.0
36.0				31.7	72.4	87 600*	48.0	77.4	94 900				36.0
38.0				21.8	68.1	79 400*	41.9	75.2	88 600				38.0
40.0							34.8	72.5	83 000	49.9	76.4	78 400	40.0
42.0							26.1	68.9	78 000	44.0	74.4	73 700	42.0
44.0							11.9	62.4	73 200	37.3	71.9	69 400	44.0
46.0										29.3	68.7	65 600	46.0
48.0										18.0	63.7	61 900	48.0

54.9m (180 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	70.6	87.9	178 700*b										18.3
20.0	67.1	87.2	172 500*										20.0
22.0	62.9	86.2	154 900*										22.0
24.0	58.6	85.0	133 500*										24.0
26.0	53.9	83.6	117 800*	64.8	85.9	146 000*							26.0
28.0	49.0	81.9	105 000*	60.5	84.8	134 600*							28.0
30.0	43.7	79.9	94 400*	56.0	83.5	123 700*							30.0
32.0	37.7	77.4	85 600*	51.2	81.9	110 400*	62.1	84.1	109 500				32.0
34.0	30.7	74.2	78 000*	46.0	80.1	99 000*	57.7	82.9	101 600				34.0
36.0	21.6	69.9	71 300*	40.4	77.8	89 500*	53.1	81.4	94 500				36.0
38.0				33.9	75.0	81 400*	48.1	79.7	88 300				38.0
40.0				25.9	71.3	74 300*	42.6	77.6	82 800	54.6	80.4	78 000	40.0
42.0				13.9	65.2	65 500*	36.5	75.0	77 800	49.8	78.7	73 300	42.0
44.0							29.3	71.7	73 300	44.5	76.8	69 100	44.0
46.0							19.5	66.9	69 100	38.6	74.4	65 300	46.0
48.0										31.8	71.4	61 800	48.0
50.0										23.2	67.2	58 500	50.0

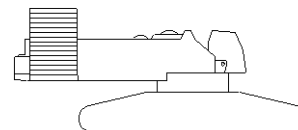


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

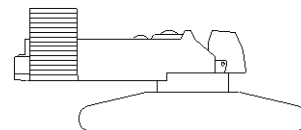
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	72.5	91.2	160 300*										18.3
20.0	69.3	90.5	154 200*										20.0
22.0	65.6	89.6	146 500*										22.0
24.0	61.7	88.6	135 700*										24.0
26.0	57.7	87.3	119 800*	67.2	89.3	145 700*							26.0
28.0	53.5	85.9	106 800*	63.4	88.3	134 300*							28.0
30.0	49.0	84.2	96 100*	59.5	87.2	124 600*							30.0
32.0	44.2	82.2	87 100*	55.3	85.8	112 300*							32.0
34.0	38.9	79.8	79 500*	51.0	84.2	100 700*	61.0	86.5	101 400				34.0
36.0	32.8	76.9	72 900*	46.3	82.4	91 000*	57.0	85.2	94 300				36.0
38.0	25.4	73.1	67 000*	41.2	80.2	82 900*	52.7	83.7	88 100				38.0
40.0				35.5	77.5	75 800*	48.2	82.0	82 600				40.0
42.0				28.8	74.1	69 700*	43.3	79.9	77 700	54.1	82.7	73 100	42.0
44.0				20.0	69.4	64 200*	37.8	77.5	73 200	49.7	81.0	68 900	44.0
46.0							31.6	74.4	69 200	44.9	79.1	65 100	46.0
48.0							23.8	70.3	65 400	39.7	76.8	61 600	48.0
50.0							11.6	63.5	61 200	33.8	73.9	58 400	50.0
52.0										26.6	70.3	55 500	52.0
54.0										16.7	64.8	52 600	54.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	71.5	93.8	150 600*										19.8
20.0	71.1	93.8	149 900*										20.0
22.0	67.8	93.0	142 300*										22.0
24.0	64.3	92.0	135 100*										24.0
26.0	60.7	90.9	120 800*										26.0
28.0	57.0	89.7	107 700*	65.8	91.7	134 000*							28.0
30.0	53.1	88.2	97 000*	62.3	90.7	124 200*							30.0
32.0	49.0	86.5	88 000*	58.6	89.5	113 300*							32.0
34.0	44.6	84.5	80 200*	54.8	88.1	101 600*							34.0
36.0	39.8	82.2	73 600*	50.8	86.5	91 800*	60.1	88.8	93 900				36.0
38.0	34.5	79.4	67 800*	46.5	84.7	83 600*	56.3	87.5	87 700				38.0
40.0	28.2	75.9	62 700*	41.9	82.5	76 600*	52.4	86.0	82 200				40.0
42.0	20.1	71.2	58 000*	36.9	80.0	70 500*	48.2	84.3	77 300				42.0
44.0				31.0	76.8	65 000*	43.8	82.2	72 900	53.7	85.0	68 500	44.0
46.0				23.9	72.7	60 200*	38.9	79.9	68 900	49.6	83.3	64 700	46.0
48.0				13.3	66.3	53 200*	33.4	77.0	65 200	45.3	81.4	61 200	48.0
50.0							26.9	73.3	61 800	40.6	79.2	58 100	50.0
52.0							18.2	68.2	57 600*	35.3	76.4	55 200	52.0
54.0										29.2	73.1	52 500	54.0
56.0										21.5	68.6	50 000	56.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On

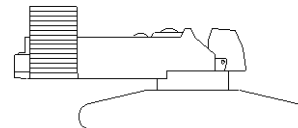
Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

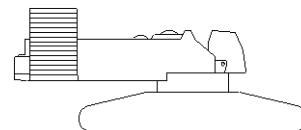
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	72.9	97.1	146 700*										19.8
20.0	72.7	97.0	146 000*										20.0
22.0	69.6	96.3	138 600*										22.0
24.0	66.4	95.4	131 600*										24.0
26.0	63.2	94.4	122 500*										26.0
28.0	59.9	93.3	109 100*										28.0
30.0	56.4	92.0	98 200*	64.6	94.1	124 200*							30.0
32.0	52.8	90.5	89 100*	61.3	93.1	114 700*							32.0
34.0	49.0	88.8	81 400*	57.9	91.8	102 900*							34.0
36.0	45.0	86.8	74 700*	54.4	90.4	93 100*							36.0
38.0	40.6	84.6	68 900*	50.7	88.8	84 800*	59.2	91.2	87 700				38.0
40.0	35.8	81.9	63 800*	46.7	87.0	77 700*	55.8	89.8	82 200				40.0
42.0	30.3	78.7	59 200*	42.5	84.9	71 500*	52.1	88.3	77 400				42.0
44.0	23.6	74.5	55 100*	37.9	82.4	66 100*	48.3	86.6	73 000				44.0
46.0				32.8	79.4	61 300*	44.2	84.6	68 900	53.4	87.3	64 700	46.0
48.0				26.7	75.7	57 000*	39.8	82.3	65 300	49.6	85.6	61 300	48.0
50.0				18.8	70.6	53 100*	34.9	79.5	62 000	45.6	83.7	58 100	50.0
52.0							29.2	76.1	58 900	41.3	81.5	55 300	52.0
54.0							22.2	71.7	54 800*	36.5	78.9	52 600	54.0
56.0							11.3	64.5	50 500*	31.2	75.8	50 100	56.0
58.0										24.7	71.8	47 800	58.0
60.0										15.8	66.0	45 600	60.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	72.1	99.8	135 200*										21.3
22.0	71.1	99.5	132 900*										22.0
24.0	68.2	98.7	126 100*										24.0
26.0	65.3	97.8	119 700*										26.0
28.0	62.2	96.8	110 100*										28.0
30.0	59.1	95.6	98 700*										30.0
32.0	55.9	94.3	89 500*	63.6	96.5	115 100							32.0
34.0	52.5	92.8	81 700*	60.5	95.4	103 300*							34.0
36.0	49.0	91.1	75 000*	57.3	94.2	93 400*							36.0
38.0	45.3	89.2	69 100*	54.0	92.7	85 100*							38.0
40.0	41.3	86.9	64 000*	50.5	91.1	77 900*	58.5	93.5	81 800				40.0
42.0	36.9	84.4	59 400*	46.9	89.3	71 800*	55.3	92.2	77 000				42.0
44.0	32.0	81.3	55 300*	43.0	87.2	66 300*	51.9	90.6	72 600				44.0
46.0	26.3	77.5	51 700*	38.8	84.8	61 500*	48.3	88.9	68 600	56.4	91.1	64 300	46.0
48.0	18.9	72.4	47 800*	34.2	82.0	57 300*	44.6	86.9	65 000	53.0	89.6	60 800	48.0
50.0				28.9	78.6	53 400*	40.5	84.6	61 700	49.5	87.9	57 800	50.0
52.0				22.4	74.1	49 800*	36.0	82.0	58 600	45.8	86.0	54 900	52.0
54.0				12.8	67.3	44 400*	31.0	78.8	55 100*	41.9	83.9	52 300	54.0
56.0							25.1	74.9	51 400*	37.6	81.3	49 800	56.0
58.0							17.2	69.4	48 000*	32.8	78.4	47 500	58.0
60.0										27.2	74.7	45 400	60.0
62.0										20.2	69.9	43 300	62.0
64.0										8.2	61.2	41 300	64.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On

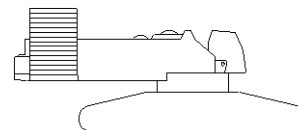
Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

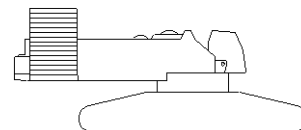
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	71.3	102.5	112 300*										22.9
24.0	69.7	102.0	109 900*										24.0
26.0	67.0	101.2	105 800*										26.0
28.0	64.3	100.2	101 900*										28.0
30.0	61.4	99.2	97 900*										30.0
32.0	58.5	98.0	89 900*	65.5	99.9	104 300*							32.0
34.0	55.5	96.6	82 100*	62.6	98.9	100 600*							34.0
36.0	52.3	95.1	75 300*	59.7	97.8	94 400*							36.0
38.0	49.0	93.4	69 500*	56.8	96.5	85 500*							38.0
40.0	45.5	91.5	64 300*	53.7	95.0	78 300*	60.9	97.1	81 600				40.0
42.0	41.8	89.3	59 800*	50.4	93.4	72 100*	57.9	95.9	76 700				42.0
44.0	37.8	86.8	55 700*	47.1	91.6	66 600*	54.9	94.5	72 300				44.0
46.0	33.4	83.9	52 000*	43.5	89.5	61 800*	51.7	92.9	68 400				46.0
48.0	28.3	80.4	48 600*	39.6	87.2	57 500*	48.4	91.2	64 800	55.9	93.4	60 600	48.0
50.0	22.2	75.9	45 600*	35.4	84.5	53 700*	44.9	89.2	61 500	52.8	91.9	57 400	50.0
52.0				30.6	81.2	50 200*	41.1	87.0	58 400	49.5	90.2	54 600	52.0
54.0				25.0	77.3	47 000*	37.1	84.4	55 400	46.1	88.3	52 000	54.0
56.0				17.8	71.9	44 000*	32.5	81.4	51 700*	42.4	86.2	49 500	56.0
58.0							27.3	77.8	48 400*	38.4	83.8	47 300	58.0
60.0							20.9	73.1	45 400*	34.1	80.9	45 200	60.0
62.0							11.2	65.6	41 700*	29.1	77.5	43 200	62.0
64.0										23.2	73.2	41 300	64.0
66.0										15.1	67.1	39 500	66.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

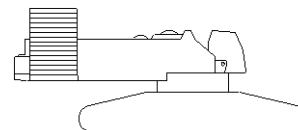
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	72.5	105.7	108 100*										22.9
24.0	71.1	105.3	105 800*										24.0
26.0	68.6	104.5	101 700*										26.0
28.0	66.0	103.6	97 800*										28.0
30.0	63.4	102.7	94 000*										30.0
32.0	60.7	101.5	89 800*	67.1	103.3	99 800*							32.0
34.0	57.9	100.3	81 900*	64.5	102.4	96 300*							34.0
36.0	55.1	98.9	75 200*	61.8	101.3	92 400*							36.0
38.0	52.1	97.4	69 300*	59.1	100.1	85 500*							38.0
40.0	49.0	95.7	64 200*	56.3	98.8	78 100*							40.0
42.0	45.8	93.8	59 600*	53.4	97.3	71 900*	60.2	99.5	76 300				42.0
44.0	42.3	91.6	55 500*	50.4	95.7	66 500*	57.4	98.2	71 900				44.0
46.0	38.6	89.2	51 900*	47.2	93.9	61 700*	54.5	96.8	68 000				46.0
48.0	34.6	86.4	48 500*	43.8	91.9	57 400*	51.5	95.2	64 300				48.0
50.0	30.0	83.1	45 500*	40.2	89.6	53 600*	48.4	93.5	61 100	55.5	95.7	57 000	50.0
52.0	24.8	79.1	42 700*	36.4	86.9	50 100*	45.1	91.5	58 100	52.5	94.2	54 200	52.0
54.0	18.0	73.7	39 400*	32.1	83.9	47 000*	41.7	89.3	55 100	49.5	92.5	51 500	54.0
56.0				27.1	80.2	44 100*	37.9	86.8	51 600*	46.3	90.7	49 100	56.0
58.0				21.2	75.5	41 400*	33.8	84.0	48 300*	42.8	88.5	46 900	58.0
60.0				12.5	68.4	37 200*	29.1	80.6	45 400*	39.2	86.2	44 800	60.0
62.0							23.7	76.3	42 600*	35.2	83.4	42 900	62.0
64.0							16.4	70.5	40 000*	30.8	80.2	41 000	64.0
66.0										25.6	76.3	39 300	66.0
68.0										19.1	71.2	37 600	68.0
70.0										8.5	62.3	36 000	70.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

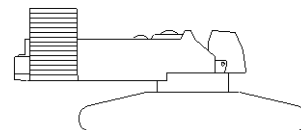
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	71.8	108.4	100 200*										24.4
26.0	69.9	107.8	97 000*										26.0
28.0	67.5	107.0	93 100*										28.0
30.0	65.1	106.1	89 400*										30.0
32.0	62.6	105.0	85 900*										32.0
34.0	60.0	103.9	82 100*	66.1	105.7	91 500*							34.0
36.0	57.4	102.6	76 000*	63.6	104.8	88 000*							36.0
38.0	54.7	101.2	69 900*	61.1	103.7	84 600*							38.0
40.0	51.9	99.7	64 700*	58.5	102.5	78 900*							40.0
42.0	49.0	98.0	60 100*	55.9	101.1	72 500*							42.0
44.0	46.0	96.1	56 000*	53.1	99.7	67 000*	59.6	101.8	71 900				44.0
46.0	42.7	94.0	52 300*	50.3	98.0	62 200*	56.9	100.5	67 900				46.0
48.0	39.3	91.6	49 000*	47.3	96.2	57 900*	54.2	99.1	64 300				48.0
50.0	35.6	88.9	46 000*	44.1	94.2	54 000*	51.4	97.5	61 000				50.0
52.0	31.5	85.7	43 200*	40.8	91.9	50 500*	48.5	95.8	58 000	55.1	98.0	54 100	52.0
54.0	26.8	82.0	40 600*	37.2	89.4	47 400*	45.4	93.8	55 200	52.3	96.5	51 500	54.0
56.0	21.1	77.3	38 200*	33.3	86.4	44 500*	42.1	91.7	52 100*	49.4	94.8	49 100	56.0
58.0				28.9	83.0	41 900*	38.6	89.3	48 800*	46.4	93.0	46 800	58.0
60.0				23.7	78.7	39 400*	34.9	86.5	45 800*	43.2	90.9	44 800	60.0
62.0				17.0	73.1	37 100*	30.7	83.2	43 000*	39.8	88.5	42 800	62.0
64.0				2.7	60.2	28 200*	25.8	79.4	40 500*	36.1	85.9	41 000	64.0
66.0							19.9	74.4	38 100*	32.1	82.8	39 300	66.0
68.0							11.1	66.7	35 000*	27.5	79.2	37 700	68.0
70.0										22.0	74.7	36 100	70.0
72.0										14.6	68.2	34 600	72.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	72.8	111.6	96 400*										24.4
26.0	71.0	111.1	93 300*										26.0
28.0	68.8	110.3	89 500*										28.0
30.0	66.5	109.4	85 800*										30.0
32.0	64.2	108.5	82 300*										32.0
34.0	61.9	107.4	78 800*										34.0
36.0	59.4	106.2	75 100*	65.2	108.2	84 200*							36.0
38.0	57.0	105.0	69 700*	62.9	107.2	80 900*							38.0
40.0	54.4	103.6	64 500*	60.5	106.0	77 500*							40.0
42.0	51.8	102.0	59 900*	58.0	104.8	72 500*							42.0
44.0	49.0	100.3	55 800*	55.5	103.4	66 800*	61.4	105.3	71 400				44.0
46.0	46.1	98.4	52 100*	52.9	102.0	61 900*	59.0	104.2	67 500				46.0
48.0	43.1	96.3	48 800*	50.2	100.3	57 600*	56.5	102.8	63 900				48.0
50.0	39.9	94.0	45 800*	47.4	98.5	53 800*	53.9	101.4	60 600				50.0
52.0	36.5	91.3	43 000*	44.4	96.5	50 300*	51.3	99.8	57 700	57.3	101.7	53 600	52.0
54.0	32.7	88.3	40 500*	41.3	94.3	47 200*	48.5	98.1	54 900	54.8	100.3	51 100	54.0
56.0	28.5	84.8	38 100*	38.0	91.8	44 300*	45.6	96.2	51 800	52.2	98.8	48 600	56.0
58.0	23.5	80.5	36 000*	34.3	88.9	41 700*	42.5	94.0	48 500*	49.4	97.1	46 400	58.0
60.0	17.3	74.9	33 200*	30.3	85.7	39 300*	39.3	91.7	45 500*	46.6	95.3	44 400	60.0
62.0				25.8	81.8	37 000*	35.8	88.9	42 800*	43.6	93.2	42 500	62.0
64.0				20.2	76.8	34 900*	31.9	85.9	40 300*	40.4	90.9	40 600	64.0
66.0				12.3	69.5	31 500*	27.6	82.2	38 000*	37.0	88.3	39 000	66.0
68.0							22.5	77.8	35 900*	33.3	85.4	37 400	68.0
70.0							15.8	71.7	33 800*	29.1	81.9	35 900	70.0
72.0										24.3	77.8	34 400	72.0
74.0										18.3	72.4	33 000	74.0
76.0										8.7	63.5	31 600	76.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On

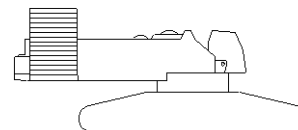
Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

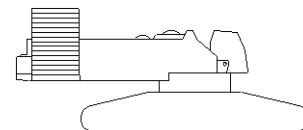
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	72.2	114.3	84 500*										25.9
26.0	72.1	114.3	84 400*										26.0
28.0	70.0	113.6	81 900*										28.0
30.0	67.8	112.7	79 400*										30.0
32.0	65.7	111.9	76 900*										32.0
34.0	63.5	110.9	74 400*										34.0
36.0	61.2	109.8	71 700*	66.6	111.5	78 200*							36.0
38.0	58.9	108.6	69 100*	64.4	110.6	75 900*							38.0
40.0	56.6	107.3	64 500*	62.2	109.5	73 500*							40.0
42.0	54.1	105.9	59 800*	59.9	108.4	70 900*							42.0
44.0	51.6	104.3	55 700*	57.6	107.1	66 800*							44.0
46.0	49.0	102.6	52 000*	55.2	105.8	61 900*	60.8	107.7	67 100				46.0
48.0	46.3	100.7	48 700*	52.7	104.3	57 600*	58.5	106.5	63 600				48.0
50.0	43.4	98.6	45 700*	50.1	102.6	53 700*	56.1	105.2	60 300				50.0
52.0	40.4	96.3	42 900*	47.5	100.8	50 300*	53.7	103.7	57 300				52.0
54.0	37.2	93.8	40 400*	44.7	98.8	47 100*	51.1	102.1	54 600	56.9	104.1	50 700	54.0
56.0	33.7	90.9	38 100*	41.7	96.6	44 300*	48.5	100.4	51 700	54.5	102.7	48 300	56.0
58.0	29.9	87.5	35 900*	38.6	94.2	41 600*	45.8	98.5	48 400*	52.0	101.1	46 100	58.0
60.0	25.5	83.6	33 900*	35.3	91.4	39 200*	42.9	96.4	45 500*	49.4	99.4	44 100	60.0
62.0	20.2	78.6	32 000*	31.6	88.3	37 000*	39.9	94.0	42 800*	46.7	97.6	42 100	62.0
64.0	12.8	71.5	27 100*	27.5	84.6	34 900*	36.6	91.4	40 300*	43.9	95.5	40 400	64.0
66.0				22.6	80.2	33 000*	33.1	88.4	38 000*	40.9	93.3	38 700	66.0
68.0				16.4	74.2	31 000*	29.1	85.0	35 800*	37.7	90.7	37 100	68.0
70.0				4.5	62.4	23 500*	24.6	80.9	33 800*	34.3	87.9	35 600	70.0
72.0							19.1	75.7	32 000*	30.5	84.6	34 200	72.0
74.0							11.0	67.7	29 200*	26.2	80.8	32 800	74.0
76.0										21.1	76.0	31 600	76.0
78.0										14.2	69.4	30 300	78.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	71.6	117.0	78 900*										27.4
28.0	71.0	116.8	78 200*										28.0
30.0	69.0	116.1	75 600*										30.0
32.0	67.0	115.2	73 100*										32.0
34.0	64.9	114.3	70 700*										34.0
36.0	62.8	113.3	68 200*										36.0
38.0	60.6	112.2	65 600*	65.8	114.0	72 000*							38.0
40.0	58.4	110.9	63 000*	63.7	113.0	69 700*							40.0
42.0	56.2	109.6	59 700*	61.6	111.9	67 300*							42.0
44.0	53.9	108.2	55 400*	59.4	110.7	64 700*							44.0
46.0	51.5	106.6	51 700*	57.2	109.5	61 600*	62.4	111.2	66 700				46.0
48.0	49.0	104.9	48 400*	54.9	108.1	57 200*	60.2	110.1	63 100				48.0
50.0	46.4	103.0	45 400*	52.5	106.6	53 400*	58.0	108.8	59 900				50.0
52.0	43.7	100.9	42 700*	50.1	104.9	49 900*	55.8	107.5	56 900				52.0
54.0	40.9	98.7	40 100*	47.5	103.1	46 800*	53.4	106.0	54 200				54.0
56.0	37.9	96.2	37 800*	44.9	101.1	43 900*	51.0	104.4	51 300	56.5	106.4	47 900	56.0
58.0	34.6	93.4	35 700*	42.1	99.0	41 300*	48.5	102.7	48 100*	54.2	105.0	45 700	58.0
60.0	31.1	90.2	33 700*	39.2	96.6	38 900*	45.9	100.8	45 100*	51.8	103.4	43 700	60.0
62.0	27.1	86.5	31 800*	36.1	93.9	36 700*	43.2	98.7	42 400*	49.4	101.7	41 700	62.0
64.0	22.5	82.0	30 100*	32.7	90.9	34 700*	40.4	96.4	40 000*	46.8	99.9	40 000	64.0
66.0	16.6	76.1	27 700*	28.9	87.4	32 800*	37.3	93.8	37 700*	44.1	97.9	38 300	66.0
68.0				24.6	83.3	31 000*	34.0	91.0	35 600*	41.3	95.6	36 700	68.0
70.0				19.4	78.1	29 300*	30.4	87.7	33 600*	38.3	93.2	35 200	70.0
72.0				12.1	70.6	26 500*	26.3	83.8	31 800*	35.1	90.4	33 800	72.0
74.0							21.6	79.2	30 100*	31.6	87.3	32 500	74.0
76.0							15.3	72.9	28 300*	27.7	83.6	31 200	76.0
78.0										23.2	79.3	30 000	78.0
80.0										17.6	73.7	28 800	80.0
82.0										8.9	64.6	27 100*	82.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On

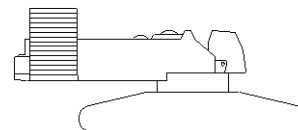
Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

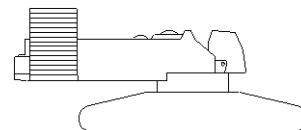
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	72.5	120.2	73 300*										27.4
28.0	72.0	120.0	73 100*										28.0
30.0	70.1	119.3	72 100*										30.0
32.0	68.1	118.5	69 900*										32.0
34.0	66.2	117.7	67 400*										34.0
36.0	64.2	116.7	65 000*										36.0
38.0	62.2	115.7	62 500*										38.0
40.0	60.1	114.5	60 100*	65.1	116.4	66 300*							40.0
42.0	58.0	113.3	57 700*	63.1	115.4	64 000*							42.0
44.0	55.9	111.9	55 200*	61.0	114.3	61 600*							44.0
46.0	53.6	110.5	51 700*	58.9	113.1	59 300*							46.0
48.0	51.4	108.9	48 300*	56.8	111.8	56 700*	61.8	113.6	62 200*				48.0
50.0	49.0	107.2	45 300*	54.6	110.4	53 400*	59.7	112.4	59 800				50.0
52.0	46.6	105.3	42 600*	52.4	108.9	49 900*	57.6	111.2	56 800				52.0
54.0	44.0	103.3	40 100*	50.0	107.2	46 700*	55.5	109.8	54 100				54.0
56.0	41.3	101.1	37 800*	47.6	105.4	43 900*	53.2	108.3	51 300				56.0
58.0	38.5	98.6	35 600*	45.1	103.4	41 300*	50.9	106.7	48 000*	56.2	108.7	45 600	58.0
60.0	35.4	95.8	33 700*	42.5	101.3	38 900*	48.6	105.0	45 100*	54.0	107.3	43 500	60.0
62.0	32.2	92.8	31 900*	39.7	98.9	36 700*	46.1	103.1	42 400*	51.7	105.7	41 600	62.0
64.0	28.5	89.2	30 100*	36.8	96.3	34 700*	43.5	101.0	39 900*	49.4	104.0	39 900	64.0
66.0	24.4	85.1	28 500*	33.6	93.4	32 800*	40.8	98.7	37 600*	46.9	102.2	38 200	66.0
68.0	19.4	79.9	26 900*	30.1	90.1	31 000*	37.9	96.2	35 500*	44.4	100.2	36 600	68.0
70.0	12.6	72.6	22 800*	26.2	86.2	29 300*	34.9	93.4	33 600*	41.7	98.0	35 100	70.0
72.0				21.7	81.6	27 700*	31.5	90.3	31 800*	38.9	95.6	33 800	72.0
74.0				15.9	75.4	26 100*	27.8	86.7	30 100*	35.9	92.9	32 400	74.0
76.0				5.5	64.0	20 100*	23.6	82.4	28 500*	32.7	89.8	31 200	76.0
78.0							18.4	76.9	26 900*	29.1	86.4	30 000	78.0
80.0							10.9	68.8	24 700*	25.0	82.3	28 800	80.0
82.0										20.2	77.3	27 600	82.0
84.0										13.8	70.5	26 000*	84.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
29.0	72.0	122.9	67 400*										29.0
30.0	71.0	122.6	67 000*										30.0
32.0	69.2	121.8	65 400*										32.0
34.0	67.3	121.0	63 000*										34.0
36.0	65.5	120.1	60 700*										36.0
38.0	63.6	119.1	58 300*										38.0
40.0	61.6	118.0	55 900*	66.3	119.8	61 800*							40.0
42.0	59.6	116.9	53 600*	64.4	118.8	59 600*							42.0
44.0	57.6	115.6	51 300*	62.5	117.8	57 300*							44.0
46.0	55.6	114.2	49 100*	60.5	116.7	55 100*							46.0
48.0	53.4	112.8	46 900*	58.5	115.4	52 700*							48.0
50.0	51.3	111.2	44 800*	56.4	114.1	50 500*	61.3	116.0	55 700*				50.0
52.0	49.0	109.5	42 600*	54.4	112.7	48 300*	59.3	114.8	53 500*				52.0
54.0	46.7	107.6	40 000*	52.2	111.2	46 200*	57.2	113.5	51 400*				54.0
56.0	44.2	105.6	37 700*	50.0	109.5	43 800*	55.2	112.1	49 300*				56.0
58.0	41.7	103.4	35 600*	47.7	107.7	41 200*	53.0	110.6	47 200*	57.9	112.4	45 100	58.0
60.0	39.0	101.0	33 600*	45.3	105.8	38 800*	50.9	109.0	45 000*	55.9	111.0	43 100	60.0
62.0	36.2	98.3	31 700*	42.8	103.6	36 600*	48.6	107.3	42 400*	53.8	109.6	41 200	62.0
64.0	33.1	95.3	30 000*	40.2	101.3	34 500*	46.2	105.4	39 800*	51.6	108.0	39 400	64.0
66.0	29.7	91.9	28 400*	37.4	98.8	32 600*	43.8	103.3	37 600*	49.3	106.3	37 800	66.0
68.0	26.0	88.1	26 900*	34.4	95.9	30 900*	41.2	101.1	35 400*	47.0	104.5	36 200	68.0
70.0	21.6	83.3	25 400*	31.2	92.7	29 200*	38.5	98.7	33 500*	44.6	102.5	34 700	70.0
72.0	16.1	77.2	22 900*	27.7	89.1	27 700*	35.6	95.9	31 600*	42.1	100.3	33 400	72.0
74.0				23.6	84.8	26 200*	32.5	92.9	29 900*	39.4	97.9	32 100	74.0
76.0				18.7	79.4	24 700*	29.1	89.4	28 400*	36.6	95.3	30 800	76.0
78.0				11.9	71.7	22 300*	25.3	85.4	26 900*	33.6	92.4	29 600	78.0
80.0							20.7	80.5	25 400*	30.3	89.1	28 500	80.0
82.0							14.9	74.0	23 900*	26.6	85.2	27 400	82.0
84.0										22.3	80.7	26 000*	84.0
86.0										17.1	74.9	24 600*	86.0
88.0										9.0	65.7	22 800*	88.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On

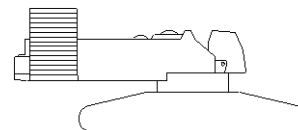
Boom No. 55-79A With 30.5m Mast No. 56

239 500 kg Crane Counterweight

145 150 kg Carbody Counterweight

360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

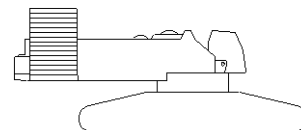
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
29.0	72.8	126.2	60 600*										29.0
30.0	71.9	125.8	60 300*										30.0
32.0	70.1	125.1	59 600*										32.0
34.0	68.4	124.3	59 000*										34.0
36.0	66.6	123.4	57 600*										36.0
38.0	64.8	122.5	55 300*										38.0
40.0	63.0	121.5	53 100*	67.4	123.1	57 700*							40.0
42.0	61.1	120.4	50 900*	65.6	122.2	56 500*							42.0
44.0	59.2	119.2	48 800*	63.8	121.2	54 300*							44.0
46.0	57.3	117.9	46 600*	61.9	120.2	52 200*							46.0
48.0	55.3	116.6	44 600*	60.0	119.0	50 000*							48.0
50.0	53.2	115.1	42 600*	58.1	117.8	47 900*							50.0
52.0	51.2	113.5	40 600*	56.1	116.4	45 900*	60.8	118.3	50 700*				52.0
54.0	49.0	111.8	38 800*	54.1	115.0	43 800*	58.8	117.1	48 700*				54.0
56.0	46.8	109.9	36 900*	52.1	113.5	41 900*	56.9	115.8	46 700*				56.0
58.0	44.5	107.9	35 200*	49.9	111.8	40 000*	54.9	114.4	44 700*				58.0
60.0	42.0	105.7	33 300*	47.7	110.0	38 100*	52.9	112.9	42 800*				60.0
62.0	39.5	103.4	31 400*	45.5	108.1	36 300*	50.8	111.3	40 800*	55.6	113.4	40 900	62.0
64.0	36.8	100.7	29 800*	43.1	106.0	34 200*	48.6	109.6	39 000*	53.5	111.9	39 100	64.0
66.0	33.9	97.8	28 200*	40.6	103.7	32 400*	46.4	107.7	37 100*	51.5	110.3	37 400	66.0
68.0	30.8	94.6	26 600*	38.0	101.2	30 600*	44.0	105.7	35 200*	49.3	108.6	35 900	68.0
70.0	27.4	90.9	25 200*	35.2	98.4	28 900*	41.6	103.5	33 200*	47.1	106.8	34 400	70.0
72.0	23.5	86.6	23 900*	32.2	95.3	27 400*	39.0	101.0	31 400*	44.8	104.8	33 000	72.0
74.0	18.8	81.2	22 200*	28.9	91.8	26 000*	36.3	98.4	29 700*	42.4	102.7	31 800	74.0
76.0	12.4	73.6	18 600*	25.2	87.8	24 600*	33.4	95.4	28 100*	39.9	100.3	30 500	76.0
78.0				20.9	82.9	23 300*	30.2	92.1	26 600*	37.2	97.7	29 400	78.0
80.0				15.5	76.6	21 700*	26.7	88.3	25 200*	34.4	94.9	28 200	80.0
82.0				6.1	65.3	16 700*	22.7	83.8	23 900*	31.3	91.7	27 100	82.0
84.0							17.8	78.2	22 600*	27.9	88.1	25 800*	84.0
86.0							10.8	69.9	20 600*	24.1	83.8	24 400*	86.0
88.0										19.5	78.6	23 100*	88.0
90.0										13.5	71.6	21 700*	90.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



54.9m (180 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

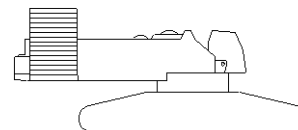
Jib Oper. Rad. m	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
30.5	72.3	128.9	56 000*										30.5
32.0	71.0	128.3	55 600*										32.0
34.0	69.3	127.6	55 000*										34.0
36.0	67.6	126.8	54 300*										36.0
38.0	65.9	125.9	52 500*										38.0
40.0	64.2	124.9	50 300*										40.0
42.0	62.4	123.9	48 200*	66.7	125.5	53 000*							42.0
44.0	60.6	122.8	46 100*	64.9	124.6	51 400*							44.0
46.0	58.8	121.6	44 000*	63.2	123.6	49 300*							46.0
48.0	56.9	120.3	42 000*	61.4	122.5	47 200*							48.0
50.0	55.0	118.9	40 100*	59.6	121.4	45 200*							50.0
52.0	53.1	117.4	38 200*	57.7	120.1	43 200*	62.1	121.8	47 800*				52.0
54.0	51.1	115.8	36 300*	55.8	118.8	41 300*	60.3	120.7	45 900*				54.0
56.0	49.0	114.1	34 600*	53.9	117.3	39 300*	58.5	119.5	43 900*				56.0
58.0	46.9	112.2	32 900*	51.9	115.8	37 500*	56.6	118.2	42 000*				58.0
60.0	44.7	110.2	31 200*	49.9	114.1	35 600*	54.7	116.8	40 200*				60.0
62.0	42.4	108.1	29 700*	47.8	112.3	33 900*	52.7	115.2	38 300*				62.0
64.0	39.9	105.7	28 100*	45.6	110.4	32 300*	50.7	113.6	36 500*	55.3	115.7	38 700	64.0
66.0	37.4	103.2	26 700*	43.4	108.3	30 600*	48.6	111.9	34 700*	53.4	114.2	37 000	66.0
68.0	34.7	100.3	25 300*	41.0	106.0	29 100*	46.5	110.0	33 000*	51.4	112.6	35 500	68.0
70.0	31.8	97.2	24 000*	38.5	103.6	27 600*	44.2	108.0	31 400*	49.3	110.9	34 000	70.0
72.0	28.6	93.7	22 800*	35.9	100.9	26 200*	41.9	105.8	29 900*	47.2	109.1	32 600	72.0
74.0	25.0	89.6	21 500*	33.0	97.9	24 800*	39.5	103.4	28 400*	45.0	107.1	31 300	74.0
76.0	20.9	84.7	20 400*	30.0	94.5	23 500*	36.9	100.8	26 900*	42.7	105.0	30 100	76.0
78.0	15.7	78.4	19 000*	26.6	90.7	22 300*	34.2	97.9	25 500*	40.3	102.7	28 900	78.0
80.0				22.8	86.2	21 200*	31.2	94.7	24 200*	37.8	100.2	27 500*	80.0
82.0				18.1	80.6	20 000*	28.0	91.1	23 000*	35.1	97.4	26 100*	82.0
84.0				11.7	72.7	18 600*	24.3	86.9	21 800*	32.2	94.3	24 800*	84.0
86.0							20.0	81.8	20 700*	29.1	90.8	23 500*	86.0
88.0							14.6	75.1	19 600*	25.6	86.8	22 300*	88.0
90.0										21.5	82.1	21 200*	90.0
92.0										16.6	76.1	20 100*	92.0
94.0										9.1	66.8	18 900*	94.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.3	85.5	194 700*b													13.7
14.0	69.5	85.4	193 500*b													14.0
16.0	63.6	84.4	185 800*b	70.0	85.3	194 500*b										16.0
18.0	57.2	83.2	170 800*	64.1	84.3	186 800*b										18.0
20.0	50.4	81.6	145 100*	57.8	83.1	175 000*										20.0
22.0	42.6	79.5	125 400*	51.0	81.5	147 100*										22.0
24.0	33.4	76.7	109 900*	43.3	79.5	127 000*	62.2	83.2	158 000*b							24.0
26.0				34.3	76.8	111 200*	55.7	81.9	144 100*							26.0
28.0				21.9	72.7	95 500*	48.7	80.2	132 200*							28.0
30.0							40.8	78.0	121 100*							30.0
32.0							31.0	75.0	107 300*	53.4	80.1	108 600				32.0
34.0										46.1	78.2	100 700				34.0
36.0										37.6	75.8	93 600				36.0
38.0										26.8	72.3	87 300	50.4	77.6	82 200	38.0
40.0													42.7	75.6	77 000	40.0
42.0													33.5	72.8	72 200	42.0
44.0													20.6	68.4	67 900	44.0

61.0m (200 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

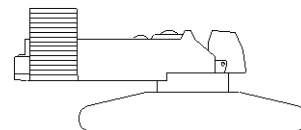
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.9	88.7	186 300*b													13.7
14.0	72.2	88.7	185 200*b													14.0
16.0	67.1	87.8	177 800*b													16.0
18.0	61.8	86.8	171 300*	67.6	87.7	179 000*b										18.0
20.0	56.2	85.5	151 000*	62.3	86.7	171 900*										20.0
22.0	50.2	83.9	130 500*	56.7	85.4	154 200*										22.0
24.0	43.5	81.8	114 600*	50.7	83.8	132 100*										24.0
26.0	35.8	79.2	101 700*	44.1	81.9	115 900*	60.6	85.5	143 600*							26.0
28.0	26.0	75.6	90 800*	36.5	79.3	102 900*	54.9	84.2	131 800*							28.0
30.0				27.0	75.8	92 000*	48.8	82.5	121 600*							30.0
32.0				10.7	69.2	74 300*	41.9	80.4	111 900*	58.6	83.8	108 300				32.0
34.0							33.9	77.6	99 600*	52.8	82.4	100 400				34.0
36.0							23.3	73.6	89 300*	46.4	80.5	93 400				36.0
38.0										39.2	78.2	87 200				38.0
40.0										30.6	75.1	81 600	50.2	79.9	76 600	40.0
42.0										18.2	70.2	76 500	43.6	77.9	72 000	42.0
44.0													35.9	75.3	67 800	44.0
46.0													26.1	71.7	63 900	46.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.9	92.0	178 400*b													13.7
14.0	74.3	91.9	177 400*b													14.0
16.0	69.8	91.2	170 500*b													16.0
18.0	65.2	90.2	164 300*	70.2	91.0	171 700*b										18.0
20.0	60.5	89.1	155 800*	65.6	90.2	165 500*										20.0
22.0	55.4	87.8	134 200*	60.9	89.1	156 700*										22.0
24.0	50.0	86.2	118 000*	55.9	87.7	136 300*										24.0
26.0	44.2	84.2	105 000*	50.5	86.1	119 400*	64.2	89.0	143 200*							26.0
28.0	37.5	81.7	94 100*	44.7	84.2	106 100*	59.4	87.9	131 600*							28.0
30.0	29.6	78.5	85 100*	38.1	81.8	95 100*	54.3	86.5	121 500*							30.0
32.0	18.5	73.6	77 200*	30.3	78.6	85 900*	48.8	84.8	112 700*	62.5	87.4	108 000				32.0
34.0				19.7	73.9	76 700*	42.8	82.7	103 000*	57.6	86.2	100 100				34.0
36.0							35.9	80.1	92 400*	52.4	84.7	93 200				36.0
38.0							27.5	76.6	83 600*	46.7	82.8	87 100				38.0
40.0										40.5	80.6	81 600	55.5	83.9	76 400	40.0
42.0										33.2	77.7	76 700	50.1	82.2	71 800	42.0
44.0										23.9	73.8	72 200	44.2	80.3	67 700	44.0
46.0													37.6	77.8	63 900	46.0
48.0													29.6	74.6	60 500	48.0
50.0													18.6	69.7	57 200	50.0

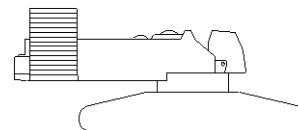


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

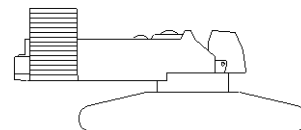
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.4	94.7	165 300*b													15.2
16.0	71.9	94.4	163 000*b													16.0
18.0	67.9	93.6	157 200*													18.0
20.0	63.7	92.6	151 500*	68.2	93.5	158 400*										20.0
22.0	59.4	91.5	138 200*	64.1	92.6	153 000*										22.0
24.0	54.8	90.1	120 600*	59.7	91.4	140 200*										24.0
26.0	49.9	88.5	107 300*	55.2	90.0	122 000*	67.0	92.4	142 700*							26.0
28.0	44.7	86.5	96 300*	50.4	88.4	108 400*	62.8	91.4	131 000*							28.0
30.0	38.8	84.1	87 200*	45.1	86.5	97 300*	58.4	90.2	121 000*							30.0
32.0	32.1	81.1	79 300*	39.4	84.2	88 000*	53.7	88.8	112 200*							32.0
34.0	23.5	77.1	72 500*	32.7	81.2	80 000*	48.8	87.1	104 200*	61.2	89.8	99 800				34.0
36.0				24.4	77.3	73 100*	43.4	85.1	94 700*	56.8	88.5	92 800				36.0
38.0				10.5	70.2	62 700*	37.4	82.6	85 700*	52.0	87.0	86 700				38.0
40.0							30.4	79.4	78 100*	47.0	85.2	81 300				40.0
42.0							21.2	74.9	71 400*	41.4	83.0	76 500	54.8	86.2	71 400	42.0
44.0										35.1	80.3	72 000	50.0	84.5	67 300	44.0
46.0										27.5	76.8	68 000	44.7	82.6	63 500	46.0
48.0										16.7	71.4	64 200	38.9	80.2	60 200	48.0
50.0													32.1	77.2	57 000	50.0
52.0													23.6	73.2	54 100	52.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.0	97.9	155 800*													15.2
16.0	73.6	97.6	155 000*													16.0
18.0	70.0	96.9	150 300*													18.0
20.0	66.3	96.1	143 100*	70.3	96.8	151 700*										20.0
22.0	62.4	95.0	135 800*	66.6	95.9	144 700*										22.0
24.0	58.5	93.8	122 900*	62.8	94.9	138 100*										24.0
26.0	54.3	92.4	108 800*	58.8	93.7	123 700*										26.0
28.0	49.9	90.8	97 800*	54.6	92.3	110 000*	65.4	94.9	130 800*							28.0
30.0	45.1	88.8	88 500*	50.2	90.7	98 700*	61.6	93.8	120 600*							30.0
32.0	39.9	86.5	80 700*	45.5	88.8	89 400*	57.5	92.6	111 900*							32.0
34.0	34.0	83.7	73 900*	40.3	86.6	81 400*	53.3	91.1	104 200*							34.0
36.0	26.9	80.1	67 900*	34.5	83.8	74 500*	48.8	89.4	96 200*	60.2	92.1	92 600				36.0
38.0	17.2	74.7	62 500*	27.6	80.3	68 500*	44.0	87.4	87 000*	56.1	90.8	86 500				38.0
40.0				18.2	75.2	62 400*	38.6	85.0	79 400*	51.8	89.3	81 100				40.0
42.0							32.5	82.0	72 800*	47.2	87.5	76 200				42.0
44.0							25.1	78.1	67 000*	42.2	85.3	71 900	54.3	88.5	67 000	44.0
46.0										36.6	82.8	67 900	49.9	86.8	63 300	46.0
48.0										30.1	79.5	64 300	45.1	84.9	59 900	48.0
50.0										21.9	75.1	60 900	39.9	82.6	56 900	50.0
52.0													34.0	79.8	54 000	52.0
54.0													27.0	76.2	51 300	54.0
56.0													17.3	70.9	48 800	56.0

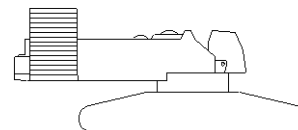


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

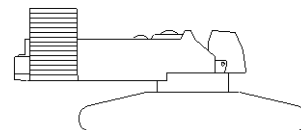
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	73.8	100.6	147 700*													16.8
18.0	71.8	100.2	144 800*													18.0
20.0	68.4	99.4	138 900*	72.0	100.0	145 900*										20.0
22.0	64.9	98.5	132 200*	68.7	99.3	140 500*										22.0
24.0	61.4	97.4	123 200*	65.2	98.4	133 700*										24.0
26.0	57.7	96.2	109 800*	61.7	97.3	125 000*										26.0
28.0	53.8	94.7	98 700*	58.0	96.1	111 000*										28.0
30.0	49.8	93.1	89 400*	54.2	94.7	99 700*	64.2	97.3	120 100*							30.0
32.0	45.4	91.2	81 500*	50.1	93.0	90 200*	60.6	96.2	111 400*							32.0
34.0	40.7	88.9	74 700*	45.8	91.1	82 200*	56.9	94.9	103 700*							34.0
36.0	35.5	86.2	68 700*	41.1	88.9	75 300*	53.0	93.4	96 400*							36.0
38.0	29.4	82.9	63 500*	36.0	86.3	69 300*	48.8	91.7	87 900*	59.3	94.5	86 100				38.0
40.0	21.8	78.4	58 700*	30.0	83.0	64 000*	44.4	89.7	80 200*	55.5	93.1	80 700				40.0
42.0				22.5	78.7	59 200*	39.6	87.4	73 600*	51.5	91.6	75 800				42.0
44.0				10.5	71.3	50 700*	34.2	84.6	67 800*	47.3	89.8	71 500				44.0
46.0							27.9	81.1	62 700*	42.8	87.7	67 600	53.9	90.8	62 900	46.0
48.0							19.7	76.2	58 100*	37.8	85.2	64 000	49.8	89.1	59 500	48.0
50.0										32.1	82.2	60 700	45.5	87.2	56 500	50.0
52.0										25.3	78.3	57 600	40.8	85.0	53 600	52.0
54.0										15.7	72.5	54 700	35.5	82.3	51 100	54.0
56.0													29.5	79.0	48 600	56.0
58.0													21.8	74.6	46 300	58.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	72.8	103.3	137 900*													18.3
20.0	70.1	102.7	133 900*													20.0
22.0	67.0	101.8	127 400*	70.4	102.6	134 900*										22.0
24.0	63.8	100.9	121 400*	67.3	101.7	128 800*										24.0
26.0	60.5	99.7	111 700*	64.1	100.8	122 700*										26.0
28.0	57.0	98.5	100 300*	60.8	99.7	113 300*										28.0
30.0	53.5	97.0	90 900*	57.3	98.4	101 300*	66.3	100.7	120 100*							30.0
32.0	49.7	95.4	82 900*	53.8	97.0	91 700*	63.1	99.7	111 300*							32.0
34.0	45.7	93.5	76 000*	50.0	95.3	83 600*	59.7	98.5	103 700*							34.0
36.0	41.4	91.3	70 000*	46.1	93.4	76 600*	56.3	97.2	97 000*							36.0
38.0	36.7	88.7	64 700*	41.8	91.3	70 600*	52.7	95.7	89 400*							38.0
40.0	31.4	85.6	60 100*	37.1	88.7	65 300*	48.9	94.0	81 600*	58.5	96.8	80 700				40.0
42.0	25.0	81.6	55 800*	31.8	85.7	60 500*	44.8	92.0	74 900*	55.0	95.4	75 900				42.0
44.0	16.2	75.9	50 300*	25.6	81.8	56 300*	40.4	89.7	69 100*	51.3	93.9	71 600				44.0
46.0				17.1	76.3	51 700*	35.6	87.1	64 000*	47.5	92.1	67 600	57.1	94.6	62 800	46.0
48.0							30.1	83.8	59 400*	43.3	90.0	64 000	53.5	93.1	59 500	48.0
50.0							23.3	79.6	55 200*	38.8	87.6	60 800	49.7	91.4	56 500	50.0
52.0										33.7	84.7	57 800	45.8	89.5	53 700	52.0
54.0										27.9	81.2	55 000	41.5	87.3	51 100	54.0
56.0										20.4	76.5	52 300	36.8	84.8	48 700	56.0
58.0													31.4	81.7	46 400	58.0
60.0													25.0	77.7	44 300	60.0
62.0													16.3	72.0	42 300	62.0

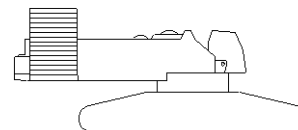


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

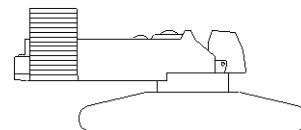
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.0	106.5	128 100*													18.3
20.0	71.6	105.9	127 600*													20.0
22.0	68.7	105.2	123 600*	71.9	105.8	128 100*										22.0
24.0	65.8	104.3	117 400*	69.0	105.0	125 000*										24.0
26.0	62.8	103.2	111 600*	66.1	104.2	118 700*										26.0
28.0	59.7	102.1	100 400*	63.1	103.2	112 200*										28.0
30.0	56.5	100.8	90 900*	60.0	102.0	101 600*										30.0
32.0	53.2	99.3	82 900*	56.8	100.7	91 800*	65.1	103.1	110 800*							32.0
34.0	49.7	97.7	76 000*	53.4	99.3	83 600*	62.1	102.0	103 200*							34.0
36.0	46.0	95.8	70 100*	50.0	97.6	76 700*	59.0	100.8	96 500*							36.0
38.0	42.0	93.6	64 800*	46.3	95.8	70 600*	55.8	99.5	89 300*							38.0
40.0	37.7	91.1	60 200*	42.4	93.6	65 300*	52.4	98.0	81 600*	61.0	100.4	80 300				40.0
42.0	32.9	88.2	56 000*	38.1	91.2	60 600*	48.9	96.3	74 900*	57.9	99.1	75 500				42.0
44.0	27.4	84.6	52 200*	33.4	88.2	56 400*	45.1	94.3	69 100*	54.6	97.7	71 200				44.0
46.0	20.4	79.8	48 500*	27.9	84.7	52 600*	41.1	92.1	64 000*	51.2	96.2	67 200				46.0
48.0				21.1	80.1	49 100*	36.7	89.5	59 400*	47.6	94.4	63 700	56.5	96.9	59 100	48.0
50.0				10.4	72.4	41 800*	31.8	86.4	55 400*	43.7	92.3	60 500	53.2	95.4	56 000	50.0
52.0							26.0	82.6	51 700*	39.6	90.0	57 500	49.7	93.7	53 300	52.0
54.0							18.5	77.4	48 300*	35.0	87.2	54 700	46.0	91.8	50 700	54.0
56.0										29.9	84.0	52 100	42.1	89.7	48 300	56.0
58.0										23.6	79.8	49 700	37.8	87.2	46 100	58.0
60.0										15.0	73.7	47 300	33.0	84.2	44 100	60.0
62.0													27.4	80.6	42 100	62.0
64.0													20.5	75.9	40 200	64.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

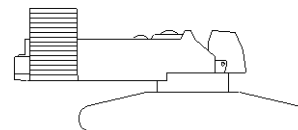
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	73.1	109.2	111 000*													19.8
20.0	72.9	109.1	110 600*													20.0
22.0	70.2	108.4	106 800*													22.0
24.0	67.5	107.6	103 000*	70.5	108.3	107 700*										24.0
26.0	64.8	106.7	99 300*	67.8	107.5	104 000*										26.0
28.0	61.9	105.6	95 800*	65.0	106.6	100 400*										28.0
30.0	59.0	104.4	91 100*	62.2	105.5	96 900*										30.0
32.0	56.0	103.1	83 300*	59.3	104.4	92 200*	66.9	106.4	103 400*							32.0
34.0	52.9	101.6	76 400*	56.3	103.1	84 000*	64.1	105.5	100 100*							34.0
36.0	49.6	100.0	70 400*	53.2	101.6	77 000*	61.3	104.4	96 000*							36.0
38.0	46.2	98.1	65 100*	49.9	99.9	70 900*	58.4	103.2	89 700*							38.0
40.0	42.5	95.9	60 400*	46.5	98.1	65 600*	55.3	101.8	81 900*							40.0
42.0	38.6	93.5	56 300*	42.8	96.0	60 900*	52.2	100.3	75 300*	60.3	102.7	75 200				42.0
44.0	34.2	90.7	52 500*	38.9	93.6	56 700*	48.9	98.6	69 400*	57.3	101.5	70 800				44.0
46.0	29.3	87.3	49 200*	34.6	90.8	52 900*	45.4	96.7	64 300*	54.2	100.1	67 000				46.0
48.0	23.4	83.1	46 000*	29.8	87.4	49 500*	41.7	94.5	59 800*	51.0	98.5	63 400				48.0
50.0	15.5	77.1	41 000*	24.0	83.3	46 300*	37.6	92.0	55 700*	47.7	96.7	60 200	56.0	99.2	55 700	50.0
52.0				16.3	77.5	43 000*	33.2	89.0	52 000*	44.1	94.7	57 200	52.9	97.7	52 900	52.0
54.0							28.1	85.5	48 700*	40.3	92.4	54 500	49.6	96.0	50 400	54.0
56.0							21.9	81.0	45 600*	36.1	89.7	51 900	46.2	94.2	48 000	56.0
58.0										31.5	86.6	49 600	42.6	92.0	45 900	58.0
60.0										26.1	82.8	47 300	38.6	89.6	43 800	60.0
62.0										19.3	77.7	44 800*	34.3	86.8	41 900	62.0
64.0										7.5	68.6	41 800*	29.4	83.4	40 100	64.0
66.0													23.5	79.2	38 400	66.0
68.0													15.6	73.2	36 700	68.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

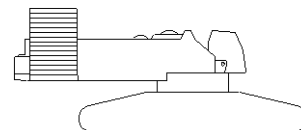
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.2	112.4	106 200*													19.8
20.0	74.0	112.3	105 900*													20.0
22.0	71.5	111.7	102 800*													22.0
24.0	69.0	110.9	99 000*													24.0
26.0	66.5	110.1	95 400*	69.2	110.8	99 900*										26.0
28.0	63.8	109.1	91 800*	66.7	109.9	96 300*										28.0
30.0	61.2	108.0	88 400*	64.1	109.0	92 800*										30.0
32.0	58.4	106.8	83 200*	61.4	107.9	89 400*										32.0
34.0	55.6	105.4	76 200*	58.7	106.7	84 200*	65.9	108.9	95 700*							34.0
36.0	52.6	103.9	70 200*	55.8	105.4	76 800*	63.3	107.9	92 500*							36.0
38.0	49.6	102.3	65 000*	52.9	103.9	70 800*	60.6	106.8	89 300*							38.0
40.0	46.4	100.4	60 300*	49.8	102.2	65 500*	57.8	105.5	81 800*							40.0
42.0	43.0	98.3	56 200*	46.6	100.4	60 800*	54.9	104.1	75 100*							42.0
44.0	39.3	95.9	52 500*	43.3	98.3	56 600*	52.0	102.6	69 300*	59.6	105.1	70 400				44.0
46.0	35.3	93.2	49 100*	39.6	95.9	52 800*	48.9	100.9	64 100*	56.8	103.8	66 500				46.0
48.0	30.9	90.0	46 000*	35.7	93.2	49 400*	45.6	99.0	59 600*	53.9	102.4	63 000				48.0
50.0	25.8	86.1	43 200*	31.3	90.1	46 300*	42.2	96.8	55 600*	50.9	100.8	59 800				50.0
52.0	19.4	81.1	40 400*	26.3	86.3	43 500*	38.5	94.4	51 900*	47.8	99.0	56 800	55.6	101.5	52 500	52.0
54.0				20.0	81.4	40 800*	34.4	91.6	48 600*	44.4	97.0	54 100	52.7	100.0	49 900	54.0
56.0				10.4	73.4	34 700*	29.8	88.2	45 600*	40.9	94.7	51 600	49.6	98.3	47 600	56.0
58.0							24.5	84.2	42 800*	37.1	92.2	49 200	46.4	96.5	45 400	58.0
60.0							17.6	78.7	40 200*	32.9	89.2	47 100	43.0	94.4	43 400	60.0
62.0										28.1	85.7	44 700	39.3	92.0	41 500	62.0
64.0										22.3	81.2	42 100*	35.4	89.3	39 700	64.0
66.0										14.5	74.8	39 400*	31.0	86.1	38 100	66.0
68.0													25.8	82.2	36 400	68.0
70.0													19.5	77.2	35 000	70.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

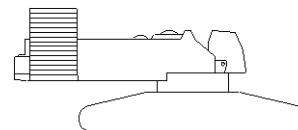
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	73.4	115.1	97 600*													21.3
22.0	72.7	114.9	97 100*													22.0
24.0	70.3	114.2	94 600*													24.0
26.0	67.9	113.4	90 900*	70.5	114.1	95 300*										26.0
28.0	65.5	112.5	87 500*	68.1	113.3	91 800*										28.0
30.0	63.0	111.5	84 100*	65.7	112.4	88 300*										30.0
32.0	60.5	110.4	80 900*	63.2	111.4	85 000*										32.0
34.0	57.9	109.1	77 300*	60.7	110.3	81 800*	67.4	112.2	91 000*							34.0
36.0	55.2	107.7	70 800*	58.1	109.1	77 600*	65.0	111.3	87 900*							36.0
38.0	52.4	106.2	65 500*	55.4	107.7	71 400*	62.5	110.3	84 700*							38.0
40.0	49.5	104.6	60 800*	52.7	106.2	66 000*	59.9	109.1	81 400*							40.0
42.0	46.5	102.7	56 600*	49.8	104.5	61 300*	57.3	107.9	76 000*							42.0
44.0	43.3	100.6	52 900*	46.8	102.7	57 000*	54.6	106.5	69 800*							44.0
46.0	39.9	98.3	49 500*	43.6	100.6	53 300*	51.8	104.9	64 700*	59.0	107.4	66 500				46.0
48.0	36.3	95.7	46 400*	40.2	98.3	49 900*	48.9	103.2	60 100*	56.4	106.1	62 900				48.0
50.0	32.2	92.6	43 600*	36.6	95.7	46 700*	45.8	101.3	56 000*	53.6	104.7	59 700				50.0
52.0	27.7	89.0	41 000*	32.6	92.7	43 900*	42.6	99.2	52 300*	50.8	103.1	56 800				52.0
54.0	22.2	84.5	38 600*	28.1	89.1	41 300*	39.2	96.8	49 100*	47.8	101.3	54 100	55.2	103.8	49 900	54.0
56.0	14.9	78.2	34 200*	22.8	84.7	38 900*	35.4	94.0	46 000*	44.7	99.3	51 600	52.5	102.3	47 500	56.0
58.0				15.7	78.7	36 200*	31.3	90.9	43 200*	41.4	97.1	49 200	49.6	100.6	45 400	58.0
60.0							26.6	87.1	40 700*	37.9	94.6	47 100	46.5	98.8	43 300	60.0
62.0							20.8	82.3	38 300*	34.0	91.7	45 000	43.4	96.7	41 500	62.0
64.0							12.7	75.3	36 000*	29.7	88.4	42 500*	40.0	94.4	39 700	64.0
66.0										24.7	84.3	40 000*	36.3	91.7	38 000	66.0
68.0										18.4	79.0	37 600*	32.3	88.7	36 500	68.0
70.0										7.9	69.7	35 100*	27.7	85.1	35 000	70.0
72.0													22.3	80.6	33 600	72.0
74.0													15.0	74.3	32 200	74.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

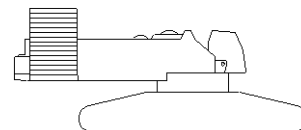
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.4	118.3	90 300*													21.3
22.0	73.6	118.1	90 100*													22.0
24.0	71.4	117.4	89 900*													24.0
26.0	69.2	116.7	87 400*	71.6	117.3	89 900*										26.0
28.0	67.0	115.8	84 000*	69.4	116.6	88 300*										28.0
30.0	64.6	114.9	80 700*	67.1	115.7	84 800*										30.0
32.0	62.3	113.9	77 400*	64.8	114.8	81 500*										32.0
34.0	59.9	112.7	74 300*	62.5	113.8	78 300*										34.0
36.0	57.4	111.5	70 600*	60.1	112.6	75 200*	66.4	114.7	84 100*							36.0
38.0	54.9	110.1	65 300*	57.6	111.4	71 100*	64.1	113.7	81 000*							38.0
40.0	52.2	108.5	60 600*	55.1	110.0	65 800*	61.8	112.7	77 900*							40.0
42.0	49.5	106.9	56 400*	52.5	108.5	61 000*	59.3	111.5	74 700*							42.0
44.0	46.7	105.0	52 700*	49.7	106.8	56 800*	56.9	110.2	69 700*							44.0
46.0	43.7	102.9	49 300*	46.9	105.0	53 100*	54.3	108.8	64 400*	60.9	111.0	66 000				46.0
48.0	40.5	100.7	46 200*	43.9	102.9	49 600*	51.6	107.2	59 800*	58.5	109.8	62 500				48.0
50.0	37.1	98.1	43 400*	40.8	100.7	46 500*	48.9	105.5	55 800*	56.0	108.4	59 300				50.0
52.0	33.4	95.2	40 900*	37.4	98.1	43 700*	46.0	103.6	52 100*	53.4	107.0	56 400				52.0
54.0	29.3	91.7	38 500*	33.7	95.2	41 100*	43.0	101.5	48 800*	50.7	105.4	53 700				54.0
56.0	24.5	87.6	36 300*	29.6	91.9	38 700*	39.8	99.1	45 800*	47.9	103.6	51 200	54.9	106.1	47 100	56.0
58.0	18.5	82.3	34 100*	24.9	87.8	36 500*	36.3	96.5	43 100*	45.0	101.6	48 800	52.3	104.6	44 900	58.0
60.0				19.1	82.7	34 400*	32.5	93.5	40 500*	41.9	99.4	46 700	49.5	102.9	42 900	60.0
62.0				10.4	74.5	29 100*	28.3	89.9	38 200*	38.6	97.0	44 700	46.7	101.1	41 100	62.0
64.0							23.3	85.6	36 000*	35.0	94.2	42 300	43.7	99.0	39 300	64.0
66.0							16.9	79.9	33 900*	31.1	91.0	39 800*	40.5	96.7	37 700	66.0
68.0										26.6	87.3	37 500*	37.1	94.2	36 100	68.0
70.0										21.3	82.6	35 400*	33.4	91.2	34 600	70.0
72.0										14.0	75.9	33 300*	29.3	87.8	33 300	72.0
74.0													24.5	83.7	31 900	74.0
76.0													18.6	78.4	30 700	76.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

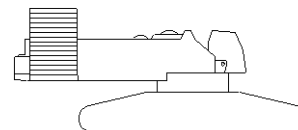
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	73.6	121.0	81 200*													22.9
24.0	72.5	120.7	81 000*													24.0
26.0	70.4	119.9	79 500*	72.6	120.5	80 700*										26.0
28.0	68.2	119.2	77 200*	70.5	119.8	80 100*										28.0
30.0	66.1	118.3	74 800*	68.4	119.1	77 800*										30.0
32.0	63.9	117.3	72 500*	66.3	118.2	75 600*										32.0
34.0	61.6	116.2	70 200*	64.1	117.2	73 300*										34.0
36.0	59.3	115.1	67 800*	61.8	116.2	70 900*										36.0
38.0	57.0	113.8	65 100*	59.5	115.0	68 600*	65.6	117.1	75 200*							38.0
40.0	54.6	112.4	60 500*	57.2	113.7	65 800*	63.4	116.1	73 100*							40.0
42.0	52.1	110.8	56 300*	54.8	112.3	61 000*	61.1	115.0	70 900*							42.0
44.0	49.5	109.2	52 600*	52.3	110.8	56 800*	58.8	113.8	68 500*							44.0
46.0	46.8	107.3	49 200*	49.7	109.1	53 000*	56.5	112.5	64 400*	62.6	114.5	65 700				46.0
48.0	44.0	105.3	46 100*	47.0	107.3	49 600*	54.0	111.1	59 800*	60.3	113.3	62 200				48.0
50.0	41.0	103.0	43 300*	44.2	105.3	46 500*	51.5	109.5	55 700*	58.0	112.1	59 000				50.0
52.0	37.8	100.5	40 800*	41.2	103.0	43 700*	48.9	107.8	52 000*	55.6	110.8	56 100				52.0
54.0	34.4	97.7	38 400*	38.1	100.6	41 100*	46.2	105.9	48 700*	53.1	109.3	53 400				54.0
56.0	30.6	94.4	36 200*	34.7	97.7	38 700*	43.3	103.8	45 700*	50.6	107.7	50 900				56.0
58.0	26.3	90.6	34 200*	30.9	94.5	36 500*	40.3	101.5	43 000*	48.0	105.9	48 600	54.6	108.4	44 600	58.0
60.0	21.2	85.9	32 300*	26.7	90.8	34 400*	37.1	98.9	40 400*	45.2	103.9	46 400	52.1	106.9	42 600	60.0
62.0	14.5	79.3	28 300*	21.7	86.1	32 500*	33.6	96.0	38 100*	42.3	101.8	44 400	49.5	105.2	40 700	62.0
64.0				15.2	79.8	29 700*	29.7	92.7	36 000*	39.2	99.4	42 200	46.8	103.4	39 000	64.0
66.0							25.3	88.7	34 000*	35.9	96.7	39 800*	44.0	101.3	37 400	66.0
68.0							19.9	83.7	32 100*	32.3	93.6	37 500*	41.0	99.1	35 800	68.0
70.0							12.4	76.3	30 100*	28.2	90.1	35 400*	37.8	96.6	34 400	70.0
72.0										23.5	85.8	33 500*	34.4	93.8	33 000	72.0
74.0										17.7	80.2	31 600*	30.6	90.5	31 700	74.0
76.0										8.2	70.9	29 100*	26.4	86.7	30 500	76.0
78.0													21.3	82.0	29 300	78.0
80.0													14.5	75.4	28 100	80.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

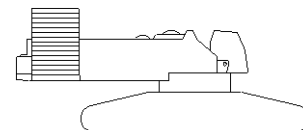
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.5	124.2	75 400*													22.9
24.0	73.4	123.9	75 100*													24.0
26.0	71.4	123.2	74 700*													26.0
28.0	69.4	122.4	73 500*	71.6	123.1	74 600*										28.0
30.0	67.3	121.6	71 300*	69.6	122.3	74 000*										30.0
32.0	65.3	120.7	69 000*	67.5	121.5	71 900*										32.0
34.0	63.2	119.7	66 700*	65.5	120.6	69 600*										34.0
36.0	61.0	118.6	64 400*	63.4	119.6	67 400*										36.0
38.0	58.8	117.4	62 100*	61.2	118.5	65 100*										38.0
40.0	56.6	116.1	59 600*	59.0	117.3	62 700*	64.8	119.5	69 300*							40.0
42.0	54.3	114.7	56 200*	56.8	116.0	60 200*	62.7	118.5	67 200*							42.0
44.0	51.9	113.1	52 300*	54.5	114.6	56 500*	60.6	117.4	64 900*							44.0
46.0	49.5	111.5	48 900*	52.1	113.1	52 600*	58.4	116.2	62 600*							46.0
48.0	46.9	109.6	45 900*	49.7	111.4	49 200*	56.1	114.8	59 700*	62.0	116.9	61 800				48.0
50.0	44.2	107.6	43 100*	47.1	109.6	46 200*	53.8	113.4	55 400*	59.8	115.7	58 600				50.0
52.0	41.4	105.4	40 500*	44.5	107.6	43 300*	51.4	111.8	51 700*	57.6	114.4	55 600				52.0
54.0	38.4	102.9	38 200*	41.7	105.4	40 800*	48.9	110.1	48 400*	55.3	113.1	52 900				54.0
56.0	35.2	100.2	36 000*	38.7	102.9	38 400*	46.3	108.2	45 400*	52.9	111.6	50 400				56.0
58.0	31.8	97.0	34 000*	35.5	100.2	36 200*	43.6	106.2	42 700*	50.5	110.0	48 200	56.6	112.2	44 100	58.0
60.0	27.9	93.4	32 100*	32.1	97.1	34 200*	40.8	103.9	40 200*	48.0	108.2	46 000	54.3	110.8	42 100	60.0
62.0	23.4	89.1	30 300*	28.2	93.6	32 300*	37.8	101.4	37 900*	45.4	106.2	44 000	51.9	109.2	40 300	62.0
64.0	17.9	83.6	28 400*	23.8	89.3	30 500*	34.5	98.5	35 700*	42.6	104.1	41 900	49.5	107.5	38 600	64.0
66.0				18.4	83.9	28 700*	30.9	95.3	33 700*	39.7	101.8	39 500*	46.9	105.7	36 900	66.0
68.0				10.3	75.6	23 900*	26.9	91.6	31 900*	36.6	99.1	37 200*	44.3	103.7	35 400	68.0
70.0							22.3	87.0	30 200*	33.3	96.2	35 200*	41.4	101.4	34 000	70.0
72.0							16.4	81.1	28 500*	29.6	92.8	33 200*	38.5	99.0	32 600	72.0
74.0										25.4	88.8	31 400*	35.3	96.2	31 300	74.0
76.0										20.4	83.9	29 700*	31.8	93.1	30 100	76.0
78.0										13.7	77.0	28 000*	27.9	89.5	29 000	78.0
80.0													23.4	85.2	27 800	80.0
82.0													17.9	79.7	26 700	82.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

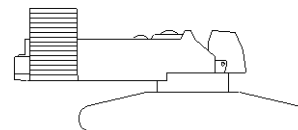
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	73.8	126.9	69 200*													24.4
26.0	72.3	126.4	69 000*													26.0
28.0	70.4	125.7	68 600*	72.5	126.3	68 700*										28.0
30.0	68.5	124.9	67 100*	70.6	125.6	68 600*										30.0
32.0	66.5	124.1	64 700*	68.7	124.8	67 500*										32.0
34.0	64.6	123.1	62 500*	66.7	124.0	65 300*										34.0
36.0	62.5	122.1	60 300*	64.7	123.0	63 100*										36.0
38.0	60.5	121.0	58 000*	62.7	122.0	60 800*										38.0
40.0	58.4	119.8	55 800*	60.7	120.9	58 600*	66.1	122.9	64 900*							40.0
42.0	56.3	118.4	53 600*	58.6	119.7	56 400*	64.1	121.9	62 700*							42.0
44.0	54.0	117.0	51 400*	56.4	118.4	54 100*	62.1	120.9	60 600*							44.0
46.0	51.8	115.4	49 100*	54.2	116.9	51 900*	60.0	119.7	58 400*							46.0
48.0	49.4	113.8	46 100*	52.0	115.4	49 500*	57.9	118.5	56 200*							48.0
50.0	47.0	111.9	43 200*	49.6	113.7	46 400*	55.8	117.2	54 000*	61.4	119.2	58 500				50.0
52.0	44.5	109.9	40 700*	47.2	111.9	43 600*	53.6	115.7	51 800*	59.3	118.1	55 500				52.0
54.0	41.8	107.7	38 300*	44.7	109.9	40 900*	51.3	114.1	48 700*	57.2	116.8	52 800				54.0
56.0	39.0	105.3	36 100*	42.0	107.7	38 600*	48.9	112.4	45 600*	55.0	115.4	50 400				56.0
58.0	36.0	102.6	34 100*	39.3	105.3	36 400*	46.5	110.5	42 900*	52.8	113.9	48 100				58.0
60.0	32.8	99.6	32 200*	36.3	102.7	34 400*	43.9	108.5	40 300*	50.4	112.3	45 900	56.3	114.5	42 100	60.0
62.0	29.2	96.2	30 500*	33.1	99.7	32 500*	41.2	106.2	38 000*	48.1	110.5	43 900	54.1	113.1	40 200	62.0
64.0	25.2	92.2	28 900*	29.5	96.3	30 700*	38.4	103.8	35 900*	45.6	108.6	42 100	51.8	111.5	38 500	64.0
66.0	20.4	87.2	27 200*	25.6	92.3	29 100*	35.3	101.0	33 900*	43.0	106.4	39 600*	49.5	109.8	36 800	66.0
68.0	14.1	80.4	23 900*	20.9	87.5	27 500*	32.0	97.9	32 000*	40.2	104.1	37 400*	47.0	108.0	35 300	68.0
70.0				14.7	80.9	25 000*	28.4	94.4	30 300*	37.3	101.6	35 300*	44.5	106.0	33 900	70.0
72.0							24.2	90.2	28 700*	34.2	98.7	33 300*	41.8	103.8	32 500	72.0
74.0							19.2	84.9	27 100*	30.8	95.5	31 500*	39.0	101.4	31 300	74.0
76.0							12.2	77.4	25 400*	27.0	91.7	29 900*	36.0	98.7	30 000	76.0
78.0										22.6	87.2	28 300*	32.8	95.7	28 900	78.0
80.0										17.1	81.4	26 700*	29.3	92.3	27 800	80.0
82.0										8.4	72.0	24 800*	25.2	88.2	26 700	82.0
84.0													20.5	83.3	25 700	84.0
86.0													14.2	76.6	24 700	86.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

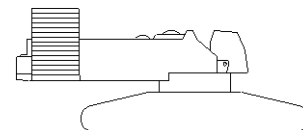
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	74.6	130.1	64 200*													24.4
26.0	73.1	129.6	64 100*													26.0
28.0	71.3	129.0	63 900*													28.0
30.0	69.5	128.2	63 100*	71.5	128.8	63 600*										30.0
32.0	67.7	127.4	61 600*	69.7	128.1	63 300*										32.0
34.0	65.8	126.5	59 400*	67.8	127.3	62 300*										34.0
36.0	63.9	125.5	57 300*	66.0	126.4	60 000*										36.0
38.0	62.0	124.5	55 100*	64.1	125.4	57 800*										38.0
40.0	60.0	123.3	52 900*	62.1	124.4	55 600*	67.3	126.2	60 700*							40.0
42.0	58.0	122.1	50 800*	60.2	123.2	53 500*	65.4	125.3	59 700*							42.0
44.0	55.9	120.8	48 600*	58.2	122.0	51 300*	63.5	124.3	57 500*							44.0
46.0	53.8	119.3	46 600*	56.1	120.7	49 200*	61.5	123.3	55 400*							46.0
48.0	51.7	117.7	44 500*	54.0	119.3	47 100*	59.6	122.1	53 300*							48.0
50.0	49.4	116.1	42 600*	51.8	117.7	45 000*	57.5	120.8	51 100*							50.0
52.0	47.1	114.2	40 400*	49.6	116.0	43 000*	55.5	119.5	49 000*	60.8	121.6	54 300*				52.0
54.0	44.7	112.2	38 100*	47.3	114.2	40 700*	53.3	118.0	46 900*	58.9	120.4	52 300				54.0
56.0	42.2	110.1	35 900*	44.9	112.2	38 300*	51.2	116.4	44 900*	56.8	119.1	50 000				56.0
58.0	39.5	107.7	33 900*	42.4	110.1	36 100*	48.9	114.7	42 600*	54.7	117.7	47 700				58.0
60.0	36.7	105.1	32 000*	39.7	107.7	34 100*	46.6	112.8	40 100*	52.6	116.2	45 500				60.0
62.0	33.7	102.2	30 300*	36.9	105.1	32 200*	44.1	110.8	37 700*	50.4	114.6	43 500	56.0	116.8	39 700	62.0
64.0	30.4	98.8	28 600*	33.9	102.2	30 400*	41.6	108.6	35 600*	48.1	112.8	41 700	53.8	115.4	38 000	64.0
66.0	26.7	95.1	27 100*	30.7	99.0	28 800*	38.9	106.2	33 600*	45.7	110.9	39 400*	51.7	113.8	36 400	66.0
68.0	22.5	90.5	25 600*	27.0	95.2	27 300*	36.0	103.5	31 800*	43.3	108.8	37 100*	49.4	112.1	34 900	68.0
70.0	17.3	84.8	23 400*	22.9	90.8	25 800*	33.0	100.5	30 100*	40.7	106.5	35 000*	47.1	110.3	33 500	70.0
72.0				17.8	85.1	24 100*	29.6	97.1	28 500*	37.9	104.0	33 100*	44.7	108.3	32 100	72.0
74.0				10.3	76.7	19 700*	25.8	93.2	26 900*	35.0	101.2	31 300*	42.2	106.1	30 900	74.0
76.0							21.4	88.4	25 500*	31.8	98.1	29 600*	39.5	103.8	29 600	76.0
78.0							15.9	82.2	24 000*	28.3	94.5	28 000*	36.7	101.2	28 500	78.0
80.0										24.4	90.3	26 600*	33.7	98.2	27 400	80.0
82.0										19.7	85.2	25 100*	30.4	94.9	26 400	82.0
84.0										13.4	78.1	23 600*	26.7	91.2	25 400	84.0
86.0													22.5	86.6	24 400	86.0
88.0													17.3	80.9	23 500	88.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

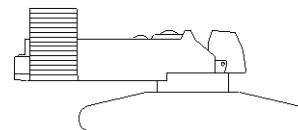
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.0	132.8	57 700*													25.9
26.0	73.9	132.8	57 700*													26.0
28.0	72.2	132.2	57 500*													28.0
30.0	70.4	131.5	56 900*													30.0
32.0	68.7	130.7	56 200*	70.6	131.4	57 000*										32.0
34.0	66.9	129.9	55 600*	68.8	130.6	56 800*										34.0
36.0	65.1	128.9	54 400*	67.1	129.7	56 200*										36.0
38.0	63.3	127.9	52 300*	65.3	128.8	54 800*										38.0
40.0	61.4	126.9	50 200*	63.5	127.8	52 700*										40.0
42.0	59.5	125.7	48 200*	61.6	126.8	50 700*	66.5	128.7	54 400*							42.0
44.0	57.6	124.4	46 200*	59.7	125.6	48 600*	64.7	127.7	54 200*							44.0
46.0	55.6	123.1	44 200*	57.8	124.4	46 700*	62.9	126.7	52 400*							46.0
48.0	53.6	121.6	42 300*	55.8	123.0	44 700*	61.0	125.6	50 400*							48.0
50.0	51.5	120.1	40 400*	53.8	121.6	42 700*	59.1	124.4	48 500*							50.0
52.0	49.4	118.4	38 600*	51.7	120.0	40 900*	57.2	123.2	46 500*	62.2	125.1	51 000*				52.0
54.0	47.2	116.5	36 800*	49.6	118.3	39 000*	55.2	121.8	44 500*	60.4	124.0	49 600*				54.0
56.0	44.9	114.6	35 200*	47.4	116.5	37 200*	53.2	120.3	42 600*	58.4	122.7	47 600*				56.0
58.0	42.5	112.4	33 500*	45.1	114.5	35 500*	51.1	118.7	40 700*	56.5	121.4	45 800*				58.0
60.0	40.0	110.1	31 700*	42.7	112.4	33 800*	48.9	117.0	38 900*	54.5	120.0	43 900*				60.0
62.0	37.3	107.5	30 000*	40.2	110.1	31 900*	46.7	115.1	37 100*	52.4	118.5	42 000*				62.0
64.0	34.5	104.7	28 400*	37.5	107.5	30 200*	44.4	113.1	35 300*	50.3	116.9	40 200*	55.7	119.2	37 700	64.0
66.0	31.4	101.5	26 900*	34.7	104.7	28 600*	41.9	110.9	33 300*	48.1	115.1	38 400*	53.6	117.7	36 100	66.0
68.0	28.0	97.9	25 400*	31.7	101.6	27 000*	39.4	108.5	31 500*	45.9	113.2	36 700*	51.6	116.1	34 600	68.0
70.0	24.2	93.7	24 100*	28.3	98.0	25 600*	36.7	105.9	29 800*	43.5	111.1	34 700*	49.4	114.4	33 100	70.0
72.0	19.7	88.5	22 600*	24.6	93.9	24 200*	33.8	103.0	28 200*	41.1	108.8	32 800*	47.2	112.6	31 800	72.0
74.0	13.8	81.5	19 400*	20.1	88.8	22 900*	30.7	99.7	26 700*	38.5	106.4	31 000*	44.9	110.6	30 500	74.0
76.0				14.4	82.1	20 500*	27.2	96.0	25 300*	35.7	103.7	29 400*	42.5	108.5	29 300	76.0
78.0							23.3	91.6	23 900*	32.7	100.7	27 800*	40.0	106.1	28 200	78.0
80.0							18.6	86.2	22 600*	29.5	97.2	26 300*	37.3	103.6	27 100	80.0
82.0							12.1	78.5	20 900*	25.9	93.3	24 900*	34.5	100.7	26 100	82.0
84.0										21.7	88.6	23 600*	31.4	97.6	25 100	84.0
86.0										16.6	82.6	22 300*	28.1	94.0	24 200	86.0
88.0										8.6	73.1	20 500*	24.3	89.8	23 300	88.0
90.0													19.7	84.6	22 400	90.0
92.0													13.8	77.7	21 500	92.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



61.0m (200 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

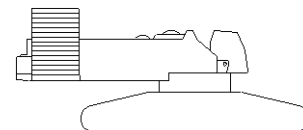
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.7	136.0	53 700*													25.9
26.0	74.6	136.0	53 700*													26.0
28.0	73.0	135.4	53 400*													28.0
30.0	71.3	134.7	53 100*													30.0
32.0	69.6	134.0	52 500*	71.4	134.6	52 900*										32.0
34.0	67.9	133.2	51 900*	69.8	133.9	52 700*										34.0
36.0	66.2	132.3	51 200*	68.1	133.1	52 400*										36.0
38.0	64.5	131.4	49 600*	66.4	132.2	51 800*										38.0
40.0	62.7	130.3	47 500*	64.6	131.2	50 000*										40.0
42.0	60.9	129.2	45 600*	62.9	130.2	48 000*										42.0
44.0	59.1	128.0	43 600*	61.1	129.1	46 000*	65.8	131.1	50 300*							44.0
46.0	57.3	126.8	41 700*	59.3	128.0	44 100*	64.1	130.2	49 600*							46.0
48.0	55.4	125.4	39 800*	57.4	126.7	42 100*	62.3	129.1	47 600*							48.0
50.0	53.4	123.9	38 000*	55.5	125.3	40 200*	60.5	128.0	45 700*							50.0
52.0	51.4	122.3	36 200*	53.6	123.9	38 400*	58.7	126.8	43 800*							52.0
54.0	49.4	120.7	34 500*	51.6	122.3	36 600*	56.9	125.5	41 900*	61.7	127.5	46 600*				54.0
56.0	47.3	118.8	32 800*	49.6	120.6	34 800*	54.9	124.1	40 000*	59.9	126.3	44 800*				56.0
58.0	45.1	116.9	31 200*	47.4	118.8	33 200*	53.0	122.6	38 200*	58.1	125.1	43 000*				58.0
60.0	42.8	114.7	29 700*	45.3	116.8	31 500*	51.0	121.0	36 400*	56.2	123.8	41 200*				60.0
62.0	40.4	112.4	28 200*	43.0	114.7	30 000*	48.9	119.3	34 700*	54.3	122.3	39 400*				62.0
64.0	37.9	109.9	26 800*	40.6	112.4	28 500*	46.8	117.4	33 000*	52.3	120.8	37 700*	57.3	122.8	37 200	64.0
66.0	35.2	107.1	25 400*	38.1	109.9	27 000*	44.6	115.4	31 400*	50.3	119.2	35 900*	55.4	121.5	35 600	66.0
68.0	32.3	104.1	24 100*	35.4	107.2	25 700*	42.3	113.3	29 800*	48.2	117.4	34 300*	53.4	120.0	34 100	68.0
70.0	29.2	100.6	22 800*	32.6	104.2	24 300*	39.8	110.9	28 300*	46.0	115.5	32 600*	51.5	118.4	32 700	70.0
72.0	25.7	96.6	21 600*	29.5	100.7	23 100*	37.3	108.3	26 900*	43.8	113.4	31 000*	49.4	116.7	31 400	72.0
74.0	21.7	91.9	20 500*	26.0	96.8	21 900*	34.6	105.5	25 500*	41.4	111.2	29 500*	47.3	114.9	30 100	74.0
76.0	16.8	86.0	19 200*	22.1	92.2	20 700*	31.6	102.4	24 200*	39.0	108.8	28 000*	45.1	112.9	28 900	76.0
78.0				17.2	86.4	19 600*	28.4	98.8	23 000*	36.3	106.1	26 600*	42.8	110.8	27 800	78.0
80.0				10.3	77.7	16 400*	24.9	94.7	21 800*	33.6	103.2	25 300*	40.4	108.5	26 700	80.0
82.0							20.7	89.8	20 600*	30.6	99.9	24 000*	37.9	106.0	25 700	82.0
84.0							15.5	83.4	19 500*	27.2	96.2	22 700*	35.2	103.2	24 700	84.0
86.0										23.5	91.8	21 600*	32.3	100.2	23 800	86.0
88.0										19.0	86.5	20 400*	29.2	96.7	22 900	88.0
90.0										13.1	79.2	19 400*	25.7	92.7	22 100	90.0
92.0													21.7	88.0	21 200	92.0
94.0													16.8	82.1	20 200*	94.0
96.0													9.6	73.1	19 100*	96.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	71.3	91.7	186 600*b													13.7
14.0	70.4	91.6	185 600*b													14.0
16.0	64.5	90.7	178 800*b													16.0
18.0	58.3	89.5	172 600*	65.7	90.7	180 700*b										18.0
20.0	51.5	87.9	148 800*	59.5	89.5	170 000*b										20.0
22.0	43.9	86.0	128 200*	52.8	88.1	151 300*										22.0
24.0	35.0	83.3	112 100*	45.5	86.2	132 300*										24.0
26.0				36.9	83.7	115 100*	59.2	88.6	133 500*b							26.0
28.0				25.8	80.1	100 600*	52.5	87.1	122 500*							28.0
30.0							45.1	85.2	113 000*							30.0
32.0							36.5	82.7	104 700*	58.6	87.1	106 400				32.0
34.0							25.2	79.0	97 200*	51.9	85.6	98 600				34.0
36.0										44.4	83.7	91 700				36.0
38.0										35.6	81.1	85 600				38.0
40.0										23.9	77.2	80 000	50.7	83.4	74 600	40.0
42.0													43.1	81.4	70 100	42.0
44.0													33.9	78.7	66 000	44.0

67.1m (220 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.7	94.9	178 000*b													13.7
14.0	73.0	94.9	177 100*b													14.0
16.0	67.9	94.1	170 700*b													16.0
18.0	62.7	93.1	165 000*	68.9	94.0	172 600*b										18.0
20.0	57.1	91.8	155 400*	63.7	93.1	166 400*b										20.0
22.0	51.2	90.2	133 400*	58.2	91.9	152 000*										22.0
24.0	44.6	88.3	116 800*	52.4	90.4	136 400*										24.0
26.0	37.1	85.8	103 600*	45.9	88.5	119 900*	63.5	92.2	133 000*b							26.0
28.0	27.8	82.4	92 700*	38.7	86.1	106 100*	58.0	90.9	122 100*							28.0
30.0				29.8	82.9	94 700*	52.1	89.4	112 700*							30.0
32.0				16.8	77.8	83 700*	45.6	87.6	104 400*	63.0	90.7	106 000				32.0
34.0							38.3	85.2	97 100*	57.4	89.4	98 200				34.0
36.0							29.4	81.9	90 600*	51.5	87.9	91 400				36.0
38.0							16.0	76.6	84 500*	45.0	86.0	85 400				38.0
40.0										37.6	83.5	80 000	56.5	87.3	74 200	40.0
42.0										28.4	80.2	75 100	50.5	85.7	69 700	42.0
44.0										14.1	74.4	70 500	43.9	83.7	65 700	44.0
46.0													36.2	81.2	62 000	46.0
48.0													26.6	77.6	58 600	48.0

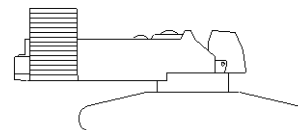


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

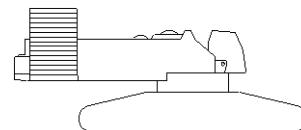
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	72.2	97.7	165 100*b													15.2
16.0	70.5	97.4	162 900*b													16.0
18.0	66.0	96.5	157 500*													18.0
20.0	61.2	95.4	152 300*	66.9	96.5	159 300*b										20.0
22.0	56.3	94.1	138 700*	62.2	95.4	151 500*										22.0
24.0	50.9	92.5	120 600*	57.2	94.2	137 000*										24.0
26.0	45.1	90.6	107 100*	52.0	92.7	123 900*	66.7	95.6	132 700*b							26.0
28.0	38.6	88.2	96 000*	46.3	90.8	109 600*	61.9	94.5	121 800*							28.0
30.0	31.0	85.2	86 600*	40.0	88.5	98 100*	57.0	93.3	112 400*							30.0
32.0	20.7	80.7	78 500*	32.6	85.6	88 400*	51.7	91.7	104 200*							32.0
34.0				23.0	81.5	80 100*	46.0	89.9	97 000*	61.5	93.1	98 000				34.0
36.0							39.7	87.6	90 600*	56.5	91.8	91 200				36.0
38.0							32.2	84.6	84 800*	51.2	90.2	85 200				38.0
40.0							22.5	80.4	79 400*	45.5	88.3	79 900				40.0
42.0										39.0	85.9	75 100	55.7	89.7	69 500	42.0
44.0										31.4	82.9	70 700	50.3	88.0	65 500	44.0
46.0										21.4	78.5	66 700	44.5	86.1	61 800	46.0
48.0													37.9	83.6	58 500	48.0
50.0													30.0	80.4	55 500	50.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

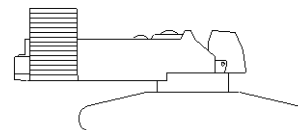
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.1	100.9	157 600* ^b													15.2
16.0	72.6	100.6	155 700* ^b													16.0
18.0	68.5	99.8	150 700*													18.0
20.0	64.4	98.9	146 000*	69.3	99.8	152 500* ^b										20.0
22.0	60.1	97.8	139 400*	65.2	98.9	147 300*										22.0
24.0	55.5	96.4	123 300*	60.9	97.8	137 100*										24.0
26.0	50.7	94.8	109 200*	56.4	96.5	124 300*										26.0
28.0	45.6	92.9	97 900*	51.7	95.0	112 000*	65.0	98.0	121 300*							28.0
30.0	39.8	90.6	88 500*	46.6	93.1	100 000*	60.7	96.9	111 900*							30.0
32.0	33.2	87.8	80 500*	41.0	90.9	90 300*	56.2	95.6	103 700*							32.0
34.0	25.1	83.9	73 500*	34.6	88.2	82 000*	51.5	94.0	96 500*							34.0
36.0				26.8	84.6	74 900*	46.3	92.2	90 200*	60.3	95.4	90 800				36.0
38.0				15.6	78.9	68 500*	40.7	89.9	84 500*	55.8	94.1	84 800				38.0
40.0							34.3	87.2	79 300*	51.0	92.5	79 500				40.0
42.0							26.5	83.5	74 400*	45.8	90.6	74 700				42.0
44.0							14.9	77.7	68 500*	40.2	88.3	70 400				44.0
46.0										33.6	85.5	66 500	50.2	90.3	61 400	46.0
48.0										25.6	81.7	62 900	45.0	88.4	58 200	48.0
50.0										13.3	75.5	59 500	39.2	86.1	55 100	50.0
52.0													32.5	83.1	52 400	52.0
54.0													24.1	79.1	49 700	54.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

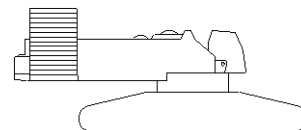
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	72.8	103.6	144 100*													16.8
18.0	70.6	103.1	143 200*													18.0
20.0	66.9	102.3	139 700*	71.3	103.1	144 300*b										20.0
22.0	63.1	101.3	133 700*	67.6	102.3	141 800*										22.0
24.0	59.1	100.1	124 700*	63.8	101.3	135 300*										24.0
26.0	55.0	98.7	110 800*	59.9	100.2	124 100*										26.0
28.0	50.6	97.1	99 400*	55.8	98.8	113 300*										28.0
30.0	45.9	95.2	89 900*	51.4	97.3	101 600*	63.6	100.4	111 500*							30.0
32.0	40.8	93.0	81 800*	46.8	95.4	91 700*	59.7	99.2	103 400*							32.0
34.0	35.0	90.3	74 900*	41.8	93.3	83 400*	55.6	97.9	96 200*							34.0
36.0	28.2	86.8	68 800*	36.2	90.7	76 200*	51.2	96.3	89 900*							36.0
38.0	19.1	81.9	63 400*	29.6	87.4	70 000*	46.6	94.5	84 300*	59.3	97.7	84 500				38.0
40.0				21.1	82.8	64 500*	41.5	92.3	79 200*	55.2	96.4	79 200				40.0
42.0							35.9	89.7	74 600*	50.8	94.8	74 500				42.0
44.0							29.3	86.3	69 900*	46.1	92.9	70 200				44.0
46.0							20.7	81.7	64 500*	41.0	90.7	66 400	54.5	94.3	61 200	46.0
48.0										35.3	88.0	62 800	50.1	92.6	57 900	48.0
50.0										28.6	84.6	59 600	45.3	90.7	54 900	50.0
52.0										19.7	79.8	56 500	40.2	88.4	52 100	52.0
54.0													34.3	85.7	49 600	54.0
56.0													27.3	82.1	47 200	56.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

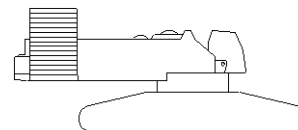
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.3	106.8	132 700*													16.8
18.0	72.3	106.4	132 200*													18.0
20.0	68.9	105.6	131 100*													20.0
22.0	65.5	104.7	128 600*	69.6	105.6	132 800*										22.0
24.0	62.0	103.7	122 600*	66.2	104.7	130 100*										24.0
26.0	58.3	102.4	112 300*	62.6	103.7	123 700*										26.0
28.0	54.5	101.1	100 700*	59.0	102.5	113 300*										28.0
30.0	50.4	99.4	91 100*	55.2	101.1	103 100*	66.0	103.8	110 900*							30.0
32.0	46.2	97.6	82 900*	51.2	99.6	92 900*	62.5	102.8	102 800*							32.0
34.0	41.5	95.4	75 900*	47.0	97.7	84 400*	58.8	101.6	95 700*							34.0
36.0	36.4	92.8	69 800*	42.4	95.6	77 300*	55.0	100.2	89 400*							36.0
38.0	30.5	89.6	64 400*	37.4	93.1	71 000*	51.1	98.6	83 800*							38.0
40.0	23.2	85.4	59 600*	31.7	90.0	65 500*	46.8	96.8	78 700*	58.5	100.1	78 800				40.0
42.0				24.7	86.1	60 600*	42.2	94.7	74 200*	54.7	98.7	74 100				42.0
44.0				14.8	80.1	56 100*	37.2	92.1	70 000*	50.7	97.1	69 800				44.0
46.0							31.4	89.0	65 600*	46.4	95.2	66 000				46.0
48.0							24.4	85.0	60 600*	41.8	93.1	62 500	54.0	96.6	57 400	48.0
50.0							14.1	78.8	56 100*	36.7	90.5	59 300	50.0	94.9	54 500	50.0
52.0										30.8	87.3	56 300	45.7	93.0	51 700	52.0
54.0										23.6	83.2	53 500	41.0	90.8	49 200	54.0
56.0										12.8	76.6	50 900	35.8	88.2	46 900	56.0
58.0													29.8	84.9	44 700	58.0
60.0													22.2	80.5	42 600	60.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

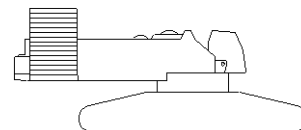
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	73.3	109.5	122 200*													18.3
20.0	70.6	108.9	121 600*													20.0
22.0	67.5	108.1	120 700*	71.2	108.8	122 400*										22.0
24.0	64.3	107.1	118 500*	68.1	108.0	122 000*										24.0
26.0	61.0	106.0	113 600*	64.9	107.1	121 000*										26.0
28.0	57.6	104.8	102 000*	61.7	106.1	113 700*										28.0
30.0	54.1	103.3	92 300*	58.3	104.8	104 000*										30.0
32.0	50.3	101.7	84 100*	54.7	103.4	94 100*	64.8	106.2	102 700*							32.0
34.0	46.4	99.9	77 000*	51.1	101.9	85 600*	61.5	105.1	95 700*							34.0
36.0	42.1	97.7	70 900*	47.2	100.1	78 400*	58.1	103.9	89 400*							36.0
38.0	37.5	95.2	65 500*	43.0	98.0	72 100*	54.6	102.5	83 800*							38.0
40.0	32.3	92.2	60 800*	38.4	95.5	66 600*	50.9	100.9	78 800*	61.2	103.7	78 800				40.0
42.0	26.1	88.4	56 500*	33.3	92.6	61 700*	47.0	99.1	74 200*	57.8	102.4	74 100				42.0
44.0	17.9	83.1	52 500*	27.4	89.0	57 300*	42.8	97.0	70 100*	54.3	101.0	69 800				44.0
46.0				19.7	84.1	53 200*	38.2	94.6	66 300*	50.5	99.4	66 000				46.0
48.0							33.1	91.6	61 800*	46.6	97.6	62 500				48.0
50.0							27.1	88.0	57 400*	42.4	95.4	59 400	53.7	98.9	54 400	50.0
52.0							19.3	83.0	53 400*	37.8	92.9	56 400	49.9	97.2	51 700	52.0
54.0										32.6	89.9	53 700	45.9	95.3	49 300	54.0
56.0										26.5	86.2	51 100	41.7	93.2	46 900	56.0
58.0										18.4	81.1	48 700	37.0	90.6	44 800	58.0
60.0													31.7	87.5	42 800	60.0
62.0													25.3	83.6	40 800	62.0
64.0													16.8	78.1	39 000	64.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

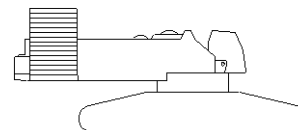
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.5	112.7	113 000*													18.3
20.0	72.1	112.1	112 600*													20.0
22.0	69.2	111.4	111 900*													22.0
24.0	66.3	110.5	111 200*	69.8	111.3	112 900*										24.0
26.0	63.3	109.5	108 100*	66.8	110.5	112 400*										26.0
28.0	60.2	108.4	102 800*	63.9	109.5	111 100*										28.0
30.0	57.0	107.1	92 400*	60.8	108.4	104 200*										30.0
32.0	53.7	105.7	84 200*	57.6	107.2	94 200*	66.7	109.6	102 100*							32.0
34.0	50.2	104.0	77 100*	54.3	105.7	85 700*	63.7	108.6	95 100*							34.0
36.0	46.6	102.2	71 000*	50.9	104.2	78 400*	60.7	107.5	88 800*							36.0
38.0	42.7	100.1	65 600*	47.3	102.3	72 100*	57.5	106.2	83 300*							38.0
40.0	38.4	97.6	60 800*	43.4	100.3	66 600*	54.2	104.8	78 300*							40.0
42.0	33.7	94.8	56 600*	39.3	97.9	61 800*	50.8	103.2	73 700*	60.4	106.0	73 700				42.0
44.0	28.3	91.3	52 800*	34.7	95.2	57 500*	47.1	101.4	69 600*	57.2	104.7	69 400				44.0
46.0	21.7	86.7	49 300*	29.4	91.8	53 600*	43.3	99.3	65 900*	53.9	103.3	65 600				46.0
48.0				23.1	87.5	50 000*	39.1	96.9	61 900*	50.4	101.7	62 100				48.0
50.0				14.1	81.2	45 900*	34.5	94.2	57 500*	46.8	99.9	59 000				50.0
52.0							29.2	90.8	53 600*	42.9	97.8	56 100	53.3	101.2	51 300	52.0
54.0							22.8	86.4	50 100*	38.7	95.3	53 400	49.8	99.5	48 800	54.0
56.0							13.6	79.9	46 700*	34.0	92.5	50 900	46.2	97.7	46 500	56.0
58.0										28.7	89.1	48 500	42.2	95.5	44 400	58.0
60.0										22.1	84.6	46 300	37.9	93.0	42 400	60.0
62.0										12.4	77.7	44 200	33.2	90.1	40 500	62.0
64.0													27.7	86.5	38 800	64.0
66.0													20.8	81.8	37 100	66.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

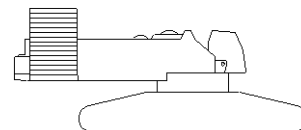
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	73.6	115.4	102 800*													19.8
20.0	73.3	115.3	102 700*													20.0
22.0	70.7	114.6	102 200*													22.0
24.0	68.0	113.8	100 400*	71.2	114.6	102 700*										24.0
26.0	65.2	112.9	96 900*	68.5	113.8	101 600*										26.0
28.0	62.4	111.9	93 700*	65.7	112.9	98 300*										28.0
30.0	59.5	110.7	90 600*	62.9	111.9	95 100*										30.0
32.0	56.5	109.4	84 500*	60.0	110.8	92 100*										32.0
34.0	53.4	108.0	77 400*	57.1	109.5	86 400*	65.6	112.0	94 700*							34.0
36.0	50.1	106.3	71 300*	54.0	108.1	78 800*	62.8	111.0	88 400*							36.0
38.0	46.7	104.5	65 900*	50.8	106.5	72 500*	59.9	109.9	82 900*							38.0
40.0	43.1	102.4	61 200*	47.4	104.7	67 000*	56.9	108.6	77 900*							40.0
42.0	39.2	100.0	56 900*	43.8	102.6	62 100*	53.9	107.1	73 400*							42.0
44.0	35.0	97.3	53 100*	40.0	100.3	57 800*	50.6	105.5	69 300*	59.6	108.4	69 100				44.0
46.0	30.2	94.0	49 700*	35.8	97.6	53 900*	47.3	103.7	65 500*	56.7	107.1	65 300				46.0
48.0	24.5	89.9	46 500*	31.1	94.5	50 400*	43.7	101.7	62 000*	53.6	105.6	61 900				48.0
50.0	17.0	84.3	43 100*	25.7	90.6	47 200*	39.8	99.3	57 800*	50.3	104.0	58 700				50.0
52.0				18.7	85.4	44 000*	35.6	96.6	53 900*	46.9	102.2	55 800	56.2	105.0	51 000	52.0
54.0							30.9	93.5	50 400*	43.3	100.1	53 100	53.0	103.5	48 500	54.0
56.0							25.4	89.5	47 200*	39.4	97.7	50 600	49.8	101.8	46 200	56.0
58.0							18.3	84.3	44 200*	35.2	95.0	48 300	46.4	100.0	44 100	58.0
60.0										30.4	91.8	46 200	42.7	97.9	42 100	60.0
62.0										24.8	87.7	44 100	38.8	95.4	40 300	62.0
64.0										17.5	82.3	42 200	34.5	92.6	38 600	64.0
66.0													29.6	89.3	36 900	66.0
68.0													23.8	85.1	35 400	68.0
70.0													16.0	79.2	33 900	70.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

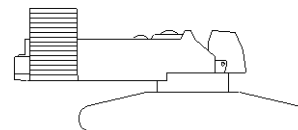
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.6	118.6	95 800*													19.8
20.0	74.4	118.5	95 700*													20.0
22.0	71.9	117.9	94 400*													22.0
24.0	69.4	117.1	94 200*													24.0
26.0	66.9	116.3	92 100*	69.9	117.1	94 600*										26.0
28.0	64.3	115.3	88 900*	67.4	116.3	93 500*										28.0
30.0	61.6	114.3	85 800*	64.8	115.3	90 200*										30.0
32.0	58.9	113.1	82 800*	62.1	114.3	87 100*										32.0
34.0	56.0	111.7	77 900*	59.4	113.1	84 000*	67.2	115.4	91 900*							34.0
36.0	53.1	110.3	71 400*	56.6	111.8	79 400*	64.6	114.4	88 200*							36.0
38.0	50.1	108.6	66 000*	53.7	110.4	72 600*	62.0	113.4	82 300*							38.0
40.0	46.9	106.8	61 200*	50.7	108.8	67 100*	59.3	112.2	77 300*							40.0
42.0	43.5	104.7	57 000*	47.5	107.0	62 200*	56.5	110.9	72 800*							42.0
44.0	39.9	102.4	53 200*	44.2	104.9	57 900*	53.6	109.4	68 800*							44.0
46.0	36.0	99.7	49 700*	40.6	102.7	53 900*	50.5	107.8	65 000*	59.0	110.7	64 800				46.0
48.0	31.7	96.6	46 600*	36.8	100.1	50 400*	47.4	106.0	61 700*	56.2	109.4	61 400				48.0
50.0	26.7	92.9	43 700*	32.5	97.1	47 200*	44.0	104.0	57 900*	53.3	107.9	58 300				50.0
52.0	20.5	88.1	41 000*	27.7	93.5	44 300*	40.5	101.7	53 900*	50.2	106.3	55 400				52.0
54.0				21.8	88.9	41 600*	36.6	99.1	50 500*	47.1	104.5	52 700	55.7	107.3	48 000	54.0
56.0				13.7	82.3	37 800*	32.3	96.1	47 300*	43.7	102.4	50 200	52.8	105.8	45 800	56.0
58.0							27.5	92.4	44 400*	40.1	100.1	48 000	49.7	104.1	43 700	58.0
60.0							21.6	87.8	41 700*	36.2	97.5	45 900	46.5	102.3	41 700	60.0
62.0							13.2	81.0	39 100*	31.9	94.4	43 800	43.1	100.2	39 900	62.0
64.0										27.0	90.7	42 000	39.5	97.8	38 100	64.0
66.0										20.9	85.9	40 200	35.5	95.1	36 600	66.0
68.0										12.1	78.7	38 400	31.2	92.0	35 000	68.0
70.0													26.1	88.1	33 600	70.0
72.0													19.8	83.2	32 200	72.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

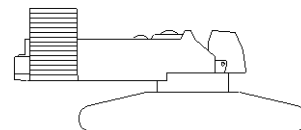
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	73.8	121.3	88 100*													21.3
22.0	73.0	121.1	87 900*													22.0
24.0	70.7	120.4	87 500*													24.0
26.0	68.3	119.6	87 200*	71.1	120.3	87 800*										26.0
28.0	65.9	118.7	85 800*	68.8	119.6	87 600*										28.0
30.0	63.4	117.7	82 500*	66.4	118.7	86 700*										30.0
32.0	60.9	116.6	79 500*	63.9	117.7	83 700*										32.0
34.0	58.3	115.4	76 500*	61.4	116.7	80 800*										34.0
36.0	55.6	114.1	72 000*	58.8	115.5	77 800*	66.2	117.8	85 500*							36.0
38.0	52.9	112.6	66 300*	56.2	114.1	73 000*	63.8	116.8	82 100*							38.0
40.0	50.0	110.9	61 600*	53.4	112.7	67 400*	61.3	115.7	77 200*							40.0
42.0	47.0	109.1	57 300*	50.6	111.1	62 500*	58.7	114.6	72 800*							42.0
44.0	43.9	107.1	53 500*	47.6	109.3	58 100*	56.0	113.2	68 700*							44.0
46.0	40.5	104.8	50 000*	44.5	107.3	54 200*	53.3	111.7	65 000*	61.0	114.3	64 800				46.0
48.0	36.9	102.2	46 900*	41.2	105.0	50 700*	50.4	110.1	61 600*	58.5	113.1	61 300				48.0
50.0	32.9	99.2	44 000*	37.6	102.5	47 600*	47.5	108.3	58 100*	55.8	111.7	58 200				50.0
52.0	28.5	95.7	41 400*	33.7	99.6	44 600*	44.3	106.3	54 300*	53.0	110.2	55 300				52.0
54.0	23.2	91.4	39 000*	29.4	96.2	42 000*	41.0	104.1	50 800*	50.2	108.6	52 700				54.0
56.0	16.3	85.5	35 800*	24.3	92.1	39 500*	37.4	101.5	47 600*	47.2	106.8	50 200	55.3	109.6	45 700	56.0
58.0				17.8	86.6	37 100*	33.5	98.6	44 700*	44.0	104.7	47 900	52.6	108.1	43 600	58.0
60.0							29.2	95.2	42 000*	40.7	102.5	45 800	49.7	106.4	41 600	60.0
62.0							24.0	91.0	39 600*	37.1	99.9	43 800	46.7	104.6	39 800	62.0
64.0							17.5	85.5	37 200*	33.1	97.0	42 000	43.5	102.5	38 100	64.0
66.0										28.7	93.5	40 200	40.1	100.2	36 500	66.0
68.0										23.5	89.2	38 600	36.5	97.6	35 000	68.0
70.0										16.8	83.5	37 000	32.5	94.6	33 600	70.0
72.0													27.9	91.0	32 200	72.0
74.0													22.5	86.5	30 900	74.0
76.0													15.4	80.4	29 700	76.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

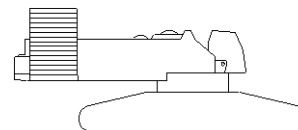
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.7	124.5	81 700*													21.3
22.0	74.0	124.3	81 600*													22.0
24.0	71.8	123.6	81 200*													24.0
26.0	69.6	122.9	81 000*	72.2	123.6	81 500*										26.0
28.0	67.3	122.1	80 700*	70.0	122.8	81 300*										28.0
30.0	65.0	121.2	79 300*	67.8	122.0	81 100*										30.0
32.0	62.7	120.1	76 200*	65.5	121.1	80 200*										32.0
34.0	60.3	119.0	73 300*	63.1	120.1	77 300*										34.0
36.0	57.8	117.7	70 500*	60.7	119.0	74 400*										36.0
38.0	55.3	116.4	66 200*	58.3	117.8	71 600*	65.4	120.2	79 000*							38.0
40.0	52.7	114.9	61 300*	55.8	116.5	67 200*	63.0	119.2	76 900*							40.0
42.0	50.0	113.2	57 100*	53.2	115.0	62 300*	60.6	118.1	72 200*							42.0
44.0	47.1	111.4	53 200*	50.5	113.4	57 900*	58.2	116.9	68 100*							44.0
46.0	44.2	109.4	49 800*	47.7	111.6	54 000*	55.7	115.5	64 500*							46.0
48.0	41.0	107.1	46 700*	44.7	109.6	50 500*	53.1	114.1	61 100*	60.4	116.6	60 900				48.0
50.0	37.7	104.6	43 800*	41.6	107.4	47 300*	50.4	112.4	57 800*	57.9	115.4	57 800				50.0
52.0	34.0	101.7	41 300*	38.3	104.9	44 400*	47.6	110.6	54 000*	55.4	114.0	54 900				52.0
54.0	30.0	98.4	38 900*	34.7	102.1	41 800*	44.6	108.6	50 500*	52.8	112.5	52 300				54.0
56.0	25.3	94.4	36 600*	30.8	98.9	39 400*	41.5	106.4	47 300*	50.1	110.9	49 800				56.0
58.0	19.6	89.4	34 500*	26.3	95.1	37 100*	38.2	103.9	44 500*	47.3	109.1	47 500	55.0	111.9	43 100	58.0
60.0				20.8	90.3	35 000*	34.6	101.1	41 800*	44.3	107.1	45 500	52.4	110.4	41 200	60.0
62.0				13.3	83.4	31 600*	30.6	97.9	39 400*	41.2	104.8	43 500	49.7	108.7	39 400	62.0
64.0							26.0	94.0	37 200*	37.8	102.3	41 600	46.8	106.9	37 700	64.0
66.0							20.6	89.2	35 000*	34.2	99.5	39 900	43.8	104.8	36 100	66.0
68.0							12.9	82.1	32 800*	30.2	96.2	38 300	40.7	102.6	34 600	68.0
70.0										25.6	92.3	36 700	37.3	100.0	33 200	70.0
72.0										20.0	87.3	35 000*	33.6	97.1	31 900	72.0
74.0										11.9	79.8	32 900*	29.5	93.7	30 600	74.0
76.0													24.8	89.7	29 400	76.0
78.0													18.9	84.4	28 200	78.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

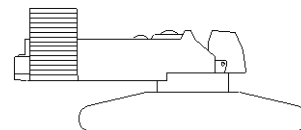
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.0	127.2	74 100*													22.9
24.0	72.8	126.8	73 900*													24.0
26.0	70.7	126.2	73 600*													26.0
28.0	68.6	125.4	73 400*	71.1	126.1	73 800*										28.0
30.0	66.4	124.5	72 800*	69.0	125.3	73 600*										30.0
32.0	64.2	123.6	70 900*	66.8	124.5	73 400*										32.0
34.0	62.0	122.5	68 800*	64.7	123.6	71 900*										34.0
36.0	59.7	121.3	66 700*	62.4	122.5	69 800*										36.0
38.0	57.4	120.1	64 400*	60.1	121.4	67 600*										38.0
40.0	55.0	118.7	61 400*	57.8	120.1	65 500*	64.6	122.7	71 400*							40.0
42.0	52.5	117.2	57 000*	55.4	118.8	62 500*	62.3	121.6	70 500*							42.0
44.0	49.9	115.5	53 200*	53.0	117.3	57 800*	60.0	120.5	67 700*							44.0
46.0	47.2	113.7	49 700*	50.4	115.7	53 900*	57.7	119.2	64 000*							46.0
48.0	44.4	111.7	46 600*	47.7	113.9	50 400*	55.3	117.9	60 600*	62.1	120.1	60 600				48.0
50.0	41.5	109.5	43 800*	45.0	111.9	47 200*	52.8	116.4	57 500*	59.8	119.0	57 400				50.0
52.0	38.3	107.0	41 200*	42.1	109.7	44 400*	50.3	114.7	53 900*	57.5	117.7	54 600				52.0
54.0	34.9	104.2	38 800*	38.9	107.3	41 700*	47.6	112.9	50 500*	55.1	116.3	51 900				54.0
56.0	31.2	101.1	36 600*	35.6	104.6	39 300*	44.8	110.9	47 300*	52.6	114.8	49 500				56.0
58.0	27.1	97.3	34 500*	32.0	101.5	37 000*	41.9	108.8	44 400*	50.0	113.2	47 200	57.1	115.6	42 800	58.0
60.0	22.1	92.8	32 600*	27.9	97.9	35 000*	38.8	106.3	41 800*	47.4	111.4	45 100	54.7	114.2	40 800	60.0
62.0	15.8	86.7	29 600*	23.2	93.6	33 000*	35.5	103.6	39 300*	44.6	109.4	43 200	52.2	112.7	39 000	62.0
64.0				17.2	87.8	31 200*	31.8	100.5	37 100*	41.6	107.2	41 300	49.6	111.0	37 300	64.0
66.0							27.7	96.9	35 000*	38.5	104.7	39 600	46.9	109.2	35 800	66.0
68.0							22.9	92.5	33 100*	35.1	102.0	38 000	44.1	107.2	34 300	68.0
70.0							16.8	86.7	31 200*	31.4	98.8	36 500	41.1	104.9	32 900	70.0
72.0										27.3	95.1	35 000	38.0	102.4	31 600	72.0
74.0										22.4	90.6	33 100*	34.6	99.6	30 300	74.0
76.0										16.2	84.6	31 200*	30.8	96.4	29 100	76.0
78.0													26.6	92.6	28 000	78.0
80.0													21.5	87.9	26 900	80.0
82.0													14.9	81.5	25 800	82.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.8	130.4	68 500*													22.9
24.0	73.7	130.1	68 400*													24.0
26.0	71.7	129.4	68 200*													26.0
28.0	69.7	128.7	67 900*	72.1	129.3	68 100*										28.0
30.0	67.7	127.8	67 700*	70.1	128.6	68 100*										30.0
32.0	65.6	126.9	66 300*	68.1	127.8	67 800*										32.0
34.0	63.5	126.0	64 300*	66.0	126.9	67 300*										34.0
36.0	61.4	124.9	62 200*	63.9	126.0	65 200*										36.0
38.0	59.2	123.7	60 100*	61.8	124.9	63 100*										38.0
40.0	57.0	122.4	57 900*	59.6	123.7	61 000*	65.9	126.0	65 700*							40.0
42.0	54.7	121.0	55 800*	57.4	122.5	58 800*	63.8	125.1	65 200*							42.0
44.0	52.3	119.5	53 200*	55.1	121.1	56 600*	61.7	124.0	63 600*							44.0
46.0	49.9	117.8	49 700*	52.8	119.6	54 100*	59.5	122.8	61 500*							46.0
48.0	47.3	116.0	46 600*	50.3	118.0	50 400*	57.3	121.6	59 400*							48.0
50.0	44.7	114.0	43 800*	47.8	116.2	47 200*	55.0	120.2	57 000*	61.5	122.5	57 000				50.0
52.0	41.9	111.8	41 100*	45.2	114.2	44 300*	52.7	118.7	54 000*	59.3	121.3	54 100				52.0
54.0	38.9	109.4	38 700*	42.4	112.1	41 700*	50.2	117.0	50 400*	57.1	120.1	51 500				54.0
56.0	35.8	106.7	36 500*	39.5	109.7	39 200*	47.7	115.2	47 300*	54.8	118.7	49 100				56.0
58.0	32.3	103.7	34 500*	36.4	107.1	37 000*	45.1	113.3	44 400*	52.4	117.2	46 800				58.0
60.0	28.5	100.1	32 500*	33.0	104.1	34 900*	42.3	111.1	41 700*	50.0	115.5	44 700	56.7	118.0	40 400	60.0
62.0	24.2	95.9	30 700*	29.3	100.7	33 000*	39.4	108.7	39 300*	47.5	113.7	42 800	54.4	116.6	38 600	62.0
64.0	18.8	90.7	29 000*	25.1	96.6	31 100*	36.3	106.1	37 000*	44.8	111.7	41 000	52.0	115.0	36 900	64.0
66.0				20.0	91.6	29 400*	32.9	103.1	35 000*	42.0	109.5	39 200	49.6	113.3	35 300	66.0
68.0				13.0	84.4	26 400*	29.1	99.6	33 000*	39.1	107.1	37 600	47.0	111.5	33 900	68.0
70.0							24.9	95.6	31 200*	36.0	104.4	36 100	44.4	109.5	32 500	70.0
72.0							19.7	90.5	29 500*	32.5	101.4	34 700	41.6	107.3	31 100	72.0
74.0							12.6	83.2	27 400*	28.8	97.9	33 000*	38.6	104.8	29 900	74.0
76.0										24.4	93.8	31 200*	35.4	102.1	28 700	76.0
78.0										19.2	88.6	29 500*	31.9	99.0	27 600	78.0
80.0										11.7	80.9	27 700*	28.1	95.4	26 500	80.0
82.0													23.7	91.1	25 500	82.0
84.0													18.2	85.7	24 500	84.0

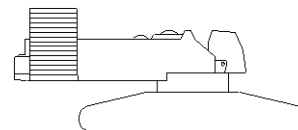


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

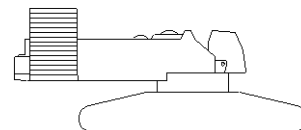
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	74.1	133.1	63 700*													24.4
26.0	72.6	132.6	63 600*													26.0
28.0	70.7	131.9	63 200*													28.0
30.0	68.8	131.1	63 000*	71.1	131.9	63 300*										30.0
32.0	66.9	130.3	62 800*	69.2	131.1	63 000*										32.0
34.0	64.9	129.4	61 400*	67.2	130.3	62 900*										34.0
36.0	62.9	128.4	59 300*	65.3	129.4	62 200*										36.0
38.0	60.8	127.2	57 200*	63.3	128.4	60 100*										38.0
40.0	58.7	126.1	55 100*	61.2	127.3	58 100*	67.1	129.4	60 900*							40.0
42.0	56.6	124.7	53 100*	59.1	126.1	56 000*	65.2	128.5	60 900*							42.0
44.0	54.4	123.3	51 000*	57.0	124.8	53 900*	63.2	127.4	60 300*							44.0
46.0	52.1	121.8	49 000*	54.8	123.4	51 800*	61.1	126.4	58 500*							46.0
48.0	49.8	120.1	46 700*	52.6	121.9	49 800*	59.0	125.2	56 500*							48.0
50.0	47.4	118.3	43 700*	50.3	120.2	47 300*	56.9	123.9	54 400*							50.0
52.0	44.9	116.3	41 100*	47.9	118.5	44 300*	54.7	122.5	52 400*	60.9	124.9	54 000				52.0
54.0	42.2	114.2	38 700*	45.4	116.5	41 600*	52.5	121.0	50 200*	58.9	123.7	51 400				54.0
56.0	39.5	111.8	36 500*	42.8	114.4	39 200*	50.2	119.3	47 300*	56.7	122.4	49 000				56.0
58.0	36.5	109.2	34 400*	40.0	112.1	37 000*	47.8	117.5	44 300*	54.5	121.0	46 700				58.0
60.0	33.3	106.2	32 500*	37.1	109.5	34 900*	45.3	115.6	41 600*	52.3	119.4	44 600				60.0
62.0	29.8	102.8	30 700*	33.9	106.6	33 000*	42.6	113.4	39 200*	49.9	117.8	42 700	56.4	120.3	38 500	62.0
64.0	25.9	98.9	29 100*	30.5	103.3	31 200*	39.9	111.1	37 000*	47.5	116.0	40 900	54.2	118.9	36 800	64.0
66.0	21.2	94.2	27 500*	26.7	99.5	29 500*	37.0	108.5	34 900*	45.0	114.0	39 200	51.9	117.3	35 200	66.0
68.0	15.3	87.8	25 000*	22.2	95.0	27 900*	33.8	105.6	33 000*	42.4	111.9	37 600	49.6	115.6	33 700	68.0
70.0				16.6	89.0	26 300*	30.4	102.3	31 200*	39.6	109.5	36 000	47.1	113.8	32 400	70.0
72.0							26.5	98.5	29 500*	36.7	106.9	34 600	44.6	111.8	31 100	72.0
74.0							22.0	93.9	28 000*	33.5	103.9	33 000*	42.0	109.6	29 800	74.0
76.0							16.3	87.8	26 400*	30.0	100.6	31 200*	39.2	107.2	28 700	76.0
78.0										26.1	96.7	29 500*	36.2	104.6	27 600	78.0
80.0										21.5	92.0	27 900*	32.9	101.6	26 500	80.0
82.0										15.7	85.8	26 400*	29.4	98.2	25 500	82.0
84.0													25.4	94.2	24 500	84.0
86.0													20.7	89.3	23 600	86.0
88.0													14.5	82.6	22 700	88.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	74.9	136.3	59 300*													24.4
26.0	73.4	135.8	59 200*													26.0
28.0	71.6	135.1	59 000*													28.0
30.0	69.8	134.4	58 700*	72.0	135.1	58 800*										30.0
32.0	68.0	133.6	58 500*	70.2	134.4	58 800*										32.0
34.0	66.1	132.7	58 100*	68.3	133.6	58 500*										34.0
36.0	64.2	131.8	56 400*	66.5	132.7	58 300*										36.0
38.0	62.3	130.7	54 300*	64.6	131.8	57 100*										38.0
40.0	60.3	129.6	52 300*	62.7	130.7	55 100*										40.0
42.0	58.3	128.4	50 300*	60.7	129.6	53 100*	66.4	131.8	56 500*							42.0
44.0	56.3	127.1	48 300*	58.7	128.4	51 000*	64.5	130.9	56 500*							44.0
46.0	54.2	125.6	46 300*	56.7	127.1	49 100*	62.6	129.8	55 400*							46.0
48.0	52.0	124.1	44 400*	54.6	125.7	47 100*	60.6	128.7	53 500*							48.0
50.0	49.8	122.4	42 500*	52.4	124.2	45 100*	58.6	127.5	51 500*							50.0
52.0	47.5	120.6	40 600*	50.2	122.6	43 200*	56.6	126.2	49 500*	62.4	128.4	53 100				52.0
54.0	45.1	118.7	38 500*	47.9	120.8	41 200*	54.5	124.8	47 500*	60.4	127.2	51 000				54.0
56.0	42.6	116.5	36 200*	45.5	118.8	38 900*	52.3	123.3	45 600*	58.4	126.0	48 500				56.0
58.0	39.9	114.2	34 200*	43.1	116.7	36 700*	50.1	121.6	43 600*	56.4	124.7	46 300				58.0
60.0	37.2	111.6	32 300*	40.5	114.4	34 600*	47.8	119.8	41 400*	54.3	123.3	44 200				60.0
62.0	34.2	108.7	30 500*	37.7	111.9	32 700*	45.4	117.9	38 900*	52.1	121.7	42 300				62.0
64.0	30.9	105.5	28 900*	34.8	109.1	30 900*	43.0	115.8	36 700*	49.9	120.1	40 500	56.0	122.6	36 300	64.0
66.0	27.3	101.8	27 300*	31.6	105.9	29 200*	40.3	113.5	34 600*	47.6	118.3	38 800	53.9	121.2	34 700	66.0
68.0	23.2	97.4	25 900*	28.1	102.3	27 700*	37.6	110.9	32 800*	45.2	116.3	37 200	51.8	119.6	33 300	68.0
70.0	18.2	91.9	24 500*	24.1	98.1	26 200*	34.6	108.1	31 000*	42.7	114.2	35 700	49.5	117.9	31 900	70.0
72.0				19.3	92.9	24 800*	31.4	104.9	29 300*	40.1	111.9	34 300	47.2	116.1	30 600	72.0
74.0				12.8	85.5	22 100*	27.9	101.3	27 700*	37.3	109.3	32 800	44.8	114.1	29 400	74.0
76.0							23.9	97.1	26 300*	34.3	106.5	30 900*	42.3	112.0	28 300	76.0
78.0							19.0	91.7	24 800*	31.1	103.3	29 300*	39.7	109.6	27 200	78.0
80.0							12.4	84.3	23 000*	27.5	99.6	27 700*	36.8	107.0	26 100	80.0
82.0										23.5	95.2	26 200*	33.8	104.1	25 100	82.0
84.0										18.5	89.8	24 800*	30.6	100.8	24 200	84.0
86.0										11.6	82.0	23 300*	26.9	97.1	23 200	86.0
88.0													22.7	92.6	22 400	88.0
90.0													17.6	86.9	21 500	90.0

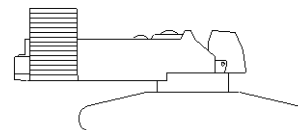


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

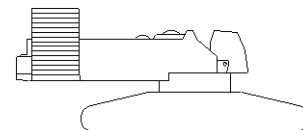
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.2	139.0	53 700*													25.9
26.0	74.2	139.0	53 600*													26.0
28.0	72.5	138.4	53 500*													28.0
30.0	70.7	137.7	53 300*													30.0
32.0	69.0	136.9	53 000*	71.1	137.6	53 200*										32.0
34.0	67.2	136.1	52 800*	69.3	136.9	53 000*										34.0
36.0	65.4	135.2	52 600*	67.5	136.1	52 700*										36.0
38.0	63.6	134.2	51 500*	65.8	135.1	52 600*										38.0
40.0	61.7	133.1	49 600*	63.9	134.2	52 300*										40.0
42.0	59.9	132.0	47 700*	62.1	133.1	50 300*										42.0
44.0	57.9	130.7	45 800*	60.2	132.0	48 400*	65.7	134.2	51 000*							44.0
46.0	56.0	129.4	44 000*	58.3	130.8	46 500*	63.9	133.3	51 000*							46.0
48.0	53.9	127.9	42 200*	56.3	129.5	44 700*	62.0	132.2	50 400*							48.0
50.0	51.9	126.4	40 400*	54.3	128.0	42 800*	60.1	131.1	48 800*							50.0
52.0	49.7	124.7	38 600*	52.3	126.5	41 000*	58.2	129.9	46 900*							52.0
54.0	47.5	122.9	36 900*	50.2	124.8	39 200*	56.3	128.5	45 000*	61.8	130.7	47 900*				54.0
56.0	45.3	121.0	35 200*	48.0	123.1	37 500*	54.2	127.1	43 200*	60.0	129.6	47 800				56.0
58.0	42.9	118.8	33 600*	45.7	121.2	35 800*	52.2	125.6	41 400*	58.0	128.4	45 900				58.0
60.0	40.4	116.5	32 000*	43.3	119.1	34 200*	50.1	123.9	39 600*	56.1	127.0	43 900				60.0
62.0	37.7	114.0	30 300*	40.9	116.8	32 400*	47.9	122.1	37 800*	54.1	125.6	42 000				62.0
64.0	34.9	111.2	28 600*	38.3	114.3	30 700*	45.6	120.2	36 100*	52.0	124.1	40 100	57.7	126.3	36 000	64.0
66.0	31.9	108.1	27 100*	35.5	111.6	29 000*	43.2	118.1	34 400*	49.9	122.4	38 400	55.7	124.9	34 400	66.0
68.0	28.6	104.6	25 600*	32.5	108.5	27 400*	40.8	115.8	32 500*	47.7	120.6	36 900	53.7	123.5	33 000	68.0
70.0	24.9	100.5	24 300*	29.3	105.1	26 000*	38.1	113.3	30 700*	45.4	118.7	35 400	51.6	121.9	31 600	70.0
72.0	20.5	95.5	23 000*	25.6	101.1	24 600*	35.4	110.6	29 000*	43.0	116.5	33 900	49.5	120.2	30 300	72.0
74.0	14.9	88.9	20 700*	21.4	96.3	23 200*	32.4	107.5	27 500*	40.5	114.2	32 500	47.3	118.4	29 100	74.0
76.0				16.1	90.2	21 900*	29.1	104.1	26 000*	37.9	111.7	30 600*	45.0	116.4	28 000	76.0
78.0							25.4	100.1	24 700*	35.1	108.9	29 000*	42.6	114.3	26 800	78.0
80.0							21.2	95.2	23 300*	32.1	105.8	27 500*	40.1	112.0	25 800	80.0
82.0							15.8	89.0	22 100*	28.8	102.3	26 000*	37.4	109.4	24 800	82.0
84.0										25.1	98.3	24 600*	34.6	106.6	23 900	84.0
86.0										20.8	93.4	23 300*	31.6	103.4	23 000	86.0
88.0										15.3	86.9	22 100*	28.2	99.8	22 100	88.0
90.0													24.4	95.7	21 300	90.0
92.0													20.0	90.6	20 500	92.0
94.0													14.1	83.8	19 700	94.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



67.1m (220 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.9	142.2	50 000*													25.9
26.0	74.8	142.2	50 000*													26.0
28.0	73.2	141.6	49 800*													28.0
30.0	71.6	140.9	49 700*													30.0
32.0	69.9	140.2	49 400*	71.9	140.8	49 500*										32.0
34.0	68.2	139.4	49 200*	70.2	140.1	49 400*										34.0
36.0	66.5	138.5	48 900*	68.5	139.4	49 100*										36.0
38.0	64.8	137.6	48 600*	66.8	138.5	48 900*										38.0
40.0	63.0	136.6	47 000*	65.1	137.6	48 600*										40.0
42.0	61.2	135.5	45 100*	63.4	136.6	47 700*										42.0
44.0	59.4	134.3	43 300*	61.6	135.5	45 800*	66.8	137.6	47 200*							44.0
46.0	57.6	133.1	41 500*	59.8	134.4	43 900*	65.0	136.7	47 200*							46.0
48.0	55.7	131.7	39 700*	57.9	133.1	42 100*	63.3	135.7	47 100*							48.0
50.0	53.7	130.3	37 900*	56.0	131.8	40 300*	61.5	134.6	46 100*							50.0
52.0	51.8	128.7	36 200*	54.1	130.4	38 500*	59.7	133.4	44 200*							52.0
54.0	49.7	127.0	34 500*	52.1	128.8	36 800*	57.8	132.2	42 400*							54.0
56.0	47.6	125.2	32 900*	50.1	127.2	35 100*	56.0	130.9	40 600*	61.3	133.1	44 300*				56.0
58.0	45.4	123.3	31 300*	48.0	125.4	33 400*	54.0	129.4	38 800*	59.5	132.0	43 800*				58.0
60.0	43.1	121.2	29 800*	45.8	123.5	31 800*	52.1	127.9	37 100*	57.7	130.7	42 100*				60.0
62.0	40.8	118.9	28 300*	43.6	121.4	30 300*	50.0	126.2	35 400*	55.8	129.4	40 400*				62.0
64.0	38.3	116.4	26 900*	41.2	119.2	28 800*	47.9	124.4	33 700*	53.9	127.9	38 700*				64.0
66.0	35.6	113.7	25 600*	38.8	116.7	27 400*	45.7	122.5	32 100*	51.9	126.4	37 100*	57.4	128.6	34 000	66.0
68.0	32.8	110.7	24 300*	36.1	114.0	26 000*	43.5	120.4	30 600*	49.8	124.7	35 400*	55.5	127.3	32 500	68.0
70.0	29.7	107.3	23 000*	33.3	111.1	24 600*	41.1	118.2	29 100*	47.7	122.9	33 800*	53.5	125.8	31 100	70.0
72.0	26.3	103.4	21 800*	30.3	107.8	23 400*	38.7	115.7	27 600*	45.5	121.0	32 200*	51.5	124.2	29 900	72.0
74.0	22.4	98.8	20 700*	27.0	104.0	22 200*	36.0	113.0	26 200*	43.3	118.9	30 600*	49.5	122.5	28 700	74.0
76.0	17.6	93.1	19 700*	23.2	99.6	21 100*	33.2	110.1	24 900*	40.9	116.6	29 200*	47.4	120.7	27 500	76.0
78.0				18.6	94.1	19 900*	30.2	106.7	23 600*	38.4	114.1	27 700*	45.2	118.8	26 400	78.0
80.0				12.6	86.6	18 100*	26.8	102.9	22 400*	35.8	111.4	26 300*	42.9	116.6	25 400	80.0
82.0							23.0	98.5	21 300*	32.9	108.4	25 000*	40.5	114.3	24 400	82.0
84.0							18.4	93.0	20 200*	29.9	105.0	23 700*	38.0	111.8	23 500	84.0
86.0							12.2	85.3	18 900*	26.5	101.2	22 500*	35.3	109.1	22 600	86.0
88.0										22.6	96.7	21 400*	32.5	106.0	21 700	88.0
90.0										17.9	91.1	20 200*	29.4	102.6	20 900	90.0
92.0										11.5	83.0	19 200*	25.9	98.6	20 100	92.0
94.0													21.9	94.0	19 300	94.0
96.0													17.1	88.1	18 600	96.0

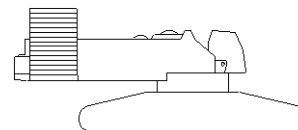


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

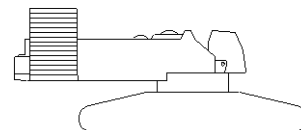
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.2	97.9	167 600*b													13.7
14.0	71.4	97.8	166 700*b													14.0
16.0	65.5	96.9	159 900*b													16.0
18.0	59.3	95.8	150 000*b	67.3	97.0	157 400*b										18.0
20.0	52.6	94.3	140 700*	61.2	95.9	148 300*b										20.0
22.0	45.2	92.4	130 500*	54.7	94.6	139 500*										22.0
24.0	36.6	89.9	115 100*	47.5	92.8	129 000*										24.0
26.0	25.4	86.2	100 800*	39.3	90.5	117 100*	62.5	95.3	124 800*b							26.0
28.0				29.2	87.3	105 400*	56.1	94.0	114 500*							28.0
30.0							49.2	92.3	105 500*							30.0
32.0							41.3	90.1	97 700*							32.0
34.0							31.7	87.2	90 800*	57.2	92.7	94 100*				34.0
36.0							17.4	82.3	84 200*	50.4	91.1	87 900*				36.0
38.0										42.7	89.1	82 400*				38.0
40.0										33.5	86.3	77 300*				40.0
42.0										20.5	81.9	72 500*	51.0	89.2	68 000	42.0
44.0													43.4	87.2	64 000	44.0
46.0													34.4	84.5	60 400	46.0
48.0													22.0	80.4	57 000	48.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

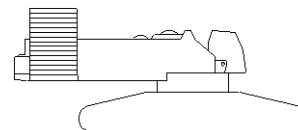
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.5	101.1	160 000*b													13.7
14.0	73.8	101.1	159 200*b													14.0
16.0	68.8	100.3	153 300*b													16.0
18.0	63.5	99.3	145 100*b													18.0
20.0	58.0	98.1	136 900*	65.1	99.4	143 400*b										20.0
22.0	52.2	96.6	129 000*	59.7	98.3	135 600*										22.0
24.0	45.7	94.7	119 300*	54.0	96.9	127 800*										24.0
26.0	38.4	92.3	105 800*	47.7	95.1	117 000*	66.3	98.7	124 200*b							26.0
28.0	29.5	89.1	94 500*	40.7	92.9	107 100*	60.9	97.6	113 900*							28.0
30.0	16.2	83.8	79 000*	32.4	90.0	97 700*	55.3	96.3	105 100*							30.0
32.0				21.1	85.6	87 700*	49.1	94.6	97 400*							32.0
34.0							42.3	92.5	90 500*							34.0
36.0							34.4	89.8	84 400*	56.2	95.0	87 400*				36.0
38.0							24.1	85.9	78 900*	50.2	93.4	81 900*				38.0
40.0										43.5	91.4	76 900*				40.0
42.0										35.8	88.8	72 400*				42.0
44.0										26.1	85.2	68 200*	50.8	91.6	63 700	44.0
46.0													44.2	89.6	60 100	46.0
48.0													36.6	87.0	56 800	48.0
50.0													27.1	83.5	53 800	50.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

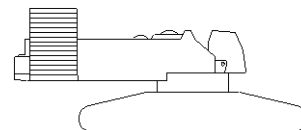
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	72.9	103.8	146 700*b													15.2
16.0	71.2	103.6	145 600*b													16.0
18.0	66.7	102.7	140 200*b													18.0
20.0	62.0	101.7	132 800*	68.1	102.8	138 500*b										20.0
22.0	57.1	100.4	125 700*	63.4	101.8	131 600*										22.0
24.0	51.8	98.9	118 900*	58.6	100.6	124 800*										24.0
26.0	46.1	97.0	109 200*	53.4	99.2	117 000*										26.0
28.0	39.7	94.7	97 600*	47.9	97.4	107 100*	64.5	101.1	113 700*							28.0
30.0	32.3	91.8	88 000*	41.7	95.3	98 700*	59.7	100.0	104 800*							30.0
32.0	22.6	87.6	79 800*	34.7	92.6	90 800*	54.6	98.6	97 100*							32.0
34.0				25.9	88.8	82 200*	49.1	96.9	90 400*							34.0
36.0							43.1	94.8	84 400*	60.5	98.7	87 000*				36.0
38.0							36.3	92.3	78 900*	55.4	97.3	81 500*				38.0
40.0							28.1	88.9	74 000*	50.1	95.7	76 600*				40.0
42.0							15.9	83.4	69 400*	44.2	93.7	72 200*				42.0
44.0										37.5	91.3	68 100*				44.0
46.0										29.6	88.0	64 300*	50.6	93.8	59 900	46.0
48.0										18.5	83.1	60 800*	44.7	91.9	56 700	48.0
50.0													38.2	89.5	53 700	50.0
52.0													30.4	86.3	51 000	52.0
54.0													19.8	81.7	48 300	54.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

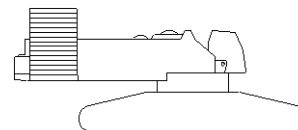
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.7	107.1	136 000*b													15.2
16.0	73.2	106.8	135 400*b													16.0
18.0	69.2	106.1	133 800*b													18.0
20.0	65.1	105.2	128 300*	70.4	106.1	133 200*b										20.0
22.0	60.8	104.1	122 000*	66.3	105.2	127 100*										22.0
24.0	56.3	102.7	115 900*	62.1	104.2	121 100*										24.0
26.0	51.5	101.2	109 900*	57.6	102.9	115 200*										26.0
28.0	46.4	99.3	99 800*	53.0	101.5	107 000*										28.0
30.0	40.8	97.1	89 900*	48.0	99.7	98 400*	63.0	103.5	104 300*							30.0
32.0	34.4	94.4	81 700*	42.5	97.6	91 100*	58.6	102.3	96 600*							32.0
34.0	26.6	90.7	74 600*	36.4	95.0	84 300*	54.0	100.9	89 900*							34.0
36.0	15.1	85.0	65 400*	29.1	91.7	76 700*	49.1	99.2	83 900*							36.0
38.0				19.3	86.9	70 200*	43.8	97.2	78 600*	59.4	101.0	80 900*				38.0
40.0							37.8	94.7	73 800*	54.8	99.7	76 000*				40.0
42.0							30.8	91.6	69 400*	50.0	98.0	71 600*				42.0
44.0							21.8	87.2	65 300*	44.7	96.1	67 600*				44.0
46.0										38.9	93.7	64 000*	55.2	97.8	59 400	46.0
48.0										32.1	90.7	60 600*	50.4	96.2	56 200	48.0
50.0										23.6	86.6	57 400*	45.2	94.2	53 300	50.0
52.0													39.4	91.9	50 600	52.0
54.0													32.8	89.0	48 100	54.0
56.0													24.5	85.0	45 800	56.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

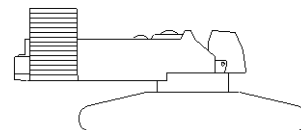
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	73.4	109.8	124 600*b													16.8
18.0	71.2	109.3	123 700*b													18.0
20.0	67.5	108.5	122 100*	72.3	109.3	124 800*b										20.0
22.0	63.7	107.5	118 100*	68.6	108.6	122 800*										22.0
24.0	59.7	106.4	112 400*	64.8	107.6	117 000*										24.0
26.0	55.6	105.1	107 100*	60.9	106.5	111 700*										26.0
28.0	51.3	103.5	101 200*	56.9	105.3	106 200*										28.0
30.0	46.7	101.7	91 700*	52.6	103.8	98 300*	65.7	106.9	103 900*							30.0
32.0	41.6	99.5	83 300*	48.1	102.0	90 900*	61.8	105.9	96 200*							32.0
34.0	36.0	96.8	76 100*	43.2	100.0	84 500*	57.8	104.6	89 500*							34.0
36.0	29.4	93.5	69 900*	37.7	97.5	78 300*	53.6	103.2	83 600*							36.0
38.0	20.8	88.9	64 400*	31.5	94.4	71 800*	49.1	101.5	78 300*							38.0
40.0				23.7	90.3	66 000*	44.3	99.5	73 600*	58.5	103.4	75 600*				40.0
42.0							39.0	97.1	69 200*	54.3	102.0	71 300*				42.0
44.0							32.9	94.2	65 300*	49.9	100.3	67 300*				44.0
46.0							25.6	90.4	61 600*	45.1	98.4	63 700*				46.0
48.0							14.9	84.5	58 100*	39.9	96.1	60 300*	54.7	100.1	55 900	48.0
50.0										34.0	93.3	57 200*	50.3	98.4	53 100	50.0
52.0										26.9	89.7	54 300*	45.6	96.5	50 400	52.0
54.0										17.2	84.3	51 500*	40.4	94.3	47 900	54.0
56.0													34.6	91.5	45 700	56.0
58.0													27.7	88.0	43 500	58.0
60.0													18.3	82.9	41 400	60.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.8	112.9	115 600*													16.8
18.0	72.8	112.6	115 100*													18.0
20.0	69.5	111.8	114 000*													20.0
22.0	66.1	110.9	112 500*	70.5	111.8	115 300*										22.0
24.0	62.5	109.9	109 100*	67.1	111.0	113 100*										24.0
26.0	58.9	108.7	104 100*	63.6	110.0	108 300*										26.0
28.0	55.1	107.4	99 500*	60.0	108.9	103 700*										28.0
30.0	51.1	105.8	92 900*	56.2	107.6	97 900*										30.0
32.0	46.9	104.0	84 100*	52.3	106.1	90 500*	64.4	109.3	95 600*							32.0
34.0	42.3	101.8	77 000*	48.1	104.3	84 100*	60.8	108.2	88 900*							34.0
36.0	37.2	99.3	70 700*	43.7	102.3	78 500*	57.1	107.0	83 000*							36.0
38.0	31.5	96.2	65 300*	38.8	99.9	72 600*	53.2	105.5	77 800*							38.0
40.0	24.5	92.2	60 300*	33.3	97.0	66 900*	49.1	103.8	73 100*	61.4	106.9	75 000*				40.0
42.0	14.3	86.1	53 800*	26.7	93.3	61 800*	44.7	101.8	68 800*	57.7	105.7	70 600*				42.0
44.0				18.0	88.1	57 300*	39.9	99.5	64 900*	53.9	104.3	66 700*				44.0
46.0							34.6	96.8	61 300*	49.8	102.6	63 100*				46.0
48.0							28.3	93.3	58 000*	45.5	100.7	59 800*				48.0
50.0							20.2	88.6	54 900*	40.7	98.5	56 800*				50.0
52.0										35.5	95.8	53 900*	50.2	100.7	52 600	52.0
54.0										29.4	92.5	51 300*	45.9	98.8	47 500	54.0
56.0										21.8	88.0	48 700*	41.2	96.6	45 200	56.0
58.0													36.0	94.0	43 100	58.0
60.0													30.0	90.8	41 200	60.0
62.0													22.6	86.4	39 300	62.0
64.0													10.6	79.1	37 400	64.0

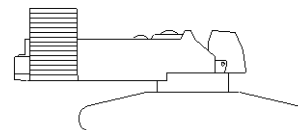


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

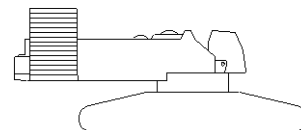
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	73.7	115.7	107 000*													18.3
20.0	71.1	115.1	106 300*													20.0
22.0	68.0	114.3	105 300*													22.0
24.0	64.8	113.4	104 200*	68.9	114.3	106 500*										24.0
26.0	61.5	112.3	101 100*	65.8	113.4	104 900*										26.0
28.0	58.2	111.1	96 900*	62.5	112.4	100 700*										28.0
30.0	54.6	109.7	92 600*	59.2	111.2	96 500*										30.0
32.0	50.9	108.1	85 300*	55.7	109.9	90 500*	66.5	112.7	95 500*							32.0
34.0	47.0	106.3	78 100*	52.1	108.4	84 200*	63.3	111.7	88 900*							34.0
36.0	42.8	104.2	71 800*	48.2	106.6	78 600*	59.9	110.6	83 000*							36.0
38.0	38.3	101.7	66 300*	44.1	104.6	73 500*	56.5	109.3	77 800*							38.0
40.0	33.2	98.8	61 500*	39.7	102.3	68 000*	52.9	107.8	73 100*							40.0
42.0	27.2	95.2	57 100*	34.7	99.5	63 000*	49.1	106.1	68 800*	60.5	109.3	70 600*				42.0
44.0	19.4	90.2	53 200*	29.1	96.1	58 500*	45.0	104.2	65 000*	57.1	108.0	66 700*				44.0
46.0				22.0	91.7	54 400*	40.7	101.9	61 400*	53.5	106.6	63 100*				46.0
48.0							35.9	99.2	58 200*	49.7	104.9	59 800*				48.0
50.0							30.4	96.0	55 100*	45.7	103.0	56 800*				50.0
52.0							23.8	91.9	52 300*	41.4	100.8	54 000*	53.8	104.7	49 900	52.0
54.0							14.2	85.6	49 400*	36.7	98.2	51 400*	50.1	103.0	47 500	54.0
56.0										31.4	95.1	48 900*	46.1	101.2	45 300	56.0
58.0										25.0	91.2	46 600*	41.8	99.0	43 200	58.0
60.0										16.2	85.5	44 400*	37.2	96.5	41 200	60.0
62.0													31.9	93.4	39 400	62.0
64.0													25.6	89.6	37 700	64.0
66.0													17.2	84.1	36 000	66.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.9	118.9	99 500*													18.3
20.0	72.5	118.3	99 100*													20.0
22.0	69.7	117.6	98 200*													22.0
24.0	66.8	116.7	97 300*	70.5	117.6	99 200*										24.0
26.0	63.8	115.8	96 100*	67.6	116.8	98 500*										26.0
28.0	60.7	114.7	92 900*	64.7	115.9	97 400*										28.0
30.0	57.5	113.4	89 600*	61.6	114.8	93 900*										30.0
32.0	54.2	112.0	85 400*	58.5	113.6	90 100*										32.0
34.0	50.8	110.4	78 100*	55.2	112.2	83 800*	65.3	115.2	88 400*							34.0
36.0	47.2	108.6	71 900*	51.8	110.7	78 100*	62.3	114.1	82 500*							36.0
38.0	43.3	106.5	66 400*	48.3	108.9	73 200*	59.2	112.9	77 300*							38.0
40.0	39.1	104.1	61 600*	44.5	106.9	68 100*	56.0	111.6	72 500*							40.0
42.0	34.5	101.3	57 300*	40.4	104.7	63 000*	52.6	110.1	68 300*							42.0
44.0	29.3	98.0	53 400*	36.0	102.0	58 600*	49.1	108.4	64 500*	59.7	111.7	66 000*				44.0
46.0	22.9	93.7	49 800*	30.9	98.8	54 600*	45.3	106.5	61 000*	56.5	110.3	62 500*				46.0
48.0	13.8	87.2	44 500*	24.9	94.9	50 900*	41.3	104.3	57 700*	53.2	108.9	59 200*				48.0
50.0				17.0	89.3	47 600*	37.0	101.7	54 800*	49.7	107.2	56 200*				50.0
52.0							32.1	98.7	52 000*	46.0	105.3	53 500*	56.8	108.4	49 400	52.0
54.0							26.4	94.9	49 400*	42.0	103.2	50 900*	53.5	107.0	47 000	54.0
56.0							19.0	89.8	47 000*	37.7	100.7	48 500*	50.0	105.3	44 800	56.0
58.0										33.0	97.7	46 200*	46.3	103.5	42 800	58.0
60.0										27.4	94.1	44 100*	42.4	101.3	40 800	60.0
62.0										20.5	89.3	42 100*	38.1	98.9	39 000	62.0
64.0										8.9	81.0	40 000*	33.4	96.0	37 300	64.0
66.0													28.0	92.4	35 700	66.0
68.0													21.2	87.8	34 200	68.0
70.0													10.6	80.2	32 700	70.0

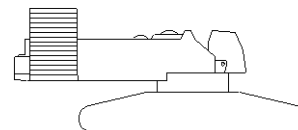


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

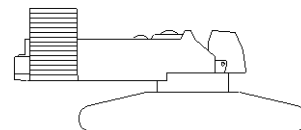
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.0	121.6	90 900*													19.8
20.0	73.7	121.5	90 900*													20.0
22.0	71.1	120.8	90 400*													22.0
24.0	68.4	120.1	89 800*													24.0
26.0	65.7	119.2	89 100*	69.2	120.1	90 600*										26.0
28.0	62.8	118.2	87 800*	66.5	119.2	90 100*										28.0
30.0	60.0	117.0	84 900*	63.7	118.3	89 600*										30.0
32.0	57.0	115.7	82 100*	60.8	117.2	87 200*										32.0
34.0	53.9	114.3	78 700*	57.9	115.9	83 600*	67.1	118.5	87 800*							34.0
36.0	50.7	112.7	72 600*	54.8	114.5	77 900*	64.3	117.6	82 000*							36.0
38.0	47.3	110.9	67 000*	51.6	113.0	72 800*	61.5	116.5	76 800*							38.0
40.0	43.7	108.8	62 100*	48.3	111.2	68 300*	58.5	115.3	72 100*							40.0
42.0	39.9	106.5	57 800*	44.8	109.3	63 600*	55.5	113.9	67 900*							42.0
44.0	35.7	103.8	53 900*	41.0	107.0	59 100*	52.4	112.4	64 100*							44.0
46.0	31.0	100.7	50 400*	37.0	104.4	55 100*	49.1	110.7	60 600*	59.0	114.0	62 000*				46.0
48.0	25.5	96.7	47 100*	32.4	101.4	51 400*	45.6	108.8	57 400*	56.0	112.7	58 800*				48.0
50.0	18.4	91.5	44 100*	27.2	97.8	48 100*	41.9	106.6	54 400*	52.9	111.2	55 800*				50.0
52.0				20.8	93.1	45 100*	37.9	104.1	51 700*	49.6	109.5	53 000*				52.0
54.0							33.5	101.2	49 200*	46.2	107.6	50 500*	56.3	110.8	46 700	54.0
56.0							28.4	97.7	46 800*	42.5	105.5	48 100*	53.2	109.3	44 500	56.0
58.0							22.3	93.3	44 500*	38.6	103.1	45 900*	49.9	107.6	42 400	58.0
60.0							13.7	86.7	41 800*	34.3	100.2	43 800*	46.5	105.8	40 500	60.0
62.0										29.3	96.9	41 800*	42.9	103.7	38 700	62.0
64.0										23.5	92.7	40 000*	39.0	101.3	37 100	64.0
66.0										15.5	86.6	38 100*	34.7	98.5	35 500	66.0
68.0													29.8	95.2	34 000	68.0
70.0													24.1	91.1	32 600	70.0
72.0													16.4	85.3	31 200	72.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

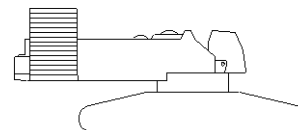
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.0	124.8	86 400*													19.8
20.0	74.8	124.7	86 200*													20.0
22.0	72.3	124.1	84 200*													22.0
24.0	69.8	123.3	83 800*													24.0
26.0	67.3	122.5	83 300*	70.6	123.4	84 500*										26.0
28.0	64.7	121.6	82 600*	68.0	122.6	84 000*										28.0
30.0	62.0	120.5	80 800*	65.5	121.7	83 700*										30.0
32.0	59.3	119.4	78 200*	62.8	120.7	83 300*										32.0
34.0	56.5	118.1	75 600*	60.1	119.5	81 800*										34.0
36.0	53.6	116.6	72 300*	57.3	118.2	77 600*	66.0	120.9	80 900*							36.0
38.0	50.6	115.0	66 900*	54.5	116.8	72 400*	63.4	119.9	76 300*							38.0
40.0	47.4	113.2	62 000*	51.5	115.3	67 900*	60.7	118.8	71 600*							40.0
42.0	44.1	111.2	57 600*	48.4	113.5	63 500*	58.0	117.6	67 400*							42.0
44.0	40.5	108.9	53 700*	45.1	111.6	59 000*	55.1	116.2	63 500*							44.0
46.0	36.6	106.3	50 200*	41.6	109.4	54 900*	52.2	114.7	60 100*	61.2	117.6	61 400*				46.0
48.0	32.4	103.2	47 100*	37.8	106.9	51 300*	49.1	113.0	56 900*	58.4	116.3	58 100*				48.0
50.0	27.5	99.6	44 200*	33.7	104.0	48 100*	45.8	111.1	54 000*	55.6	115.0	55 200*				50.0
52.0	21.6	95.0	41 400*	29.0	100.6	45 100*	42.4	109.0	51 200*	52.7	113.5	52 500*				52.0
54.0	13.3	88.3	37 200*	23.5	96.3	42 300*	38.7	106.5	48 700*	49.6	111.8	49 900*				54.0
56.0				16.3	90.5	39 700*	34.6	103.7	46 400*	46.4	109.9	47 600*	55.9	113.1	44 000	56.0
58.0							30.1	100.4	44 200*	43.0	107.8	45 400*	52.9	111.6	42 000	58.0
60.0							24.9	96.4	42 100*	39.3	105.5	43 300*	49.9	109.9	40 100	60.0
62.0							18.1	91.1	40 100*	35.3	102.7	41 400*	46.7	108.1	38 300	62.0
64.0							5.5	80.6	35 700*	30.9	99.6	39 600*	43.3	106.0	36 700	64.0
66.0										25.8	95.7	37 800*	39.7	103.7	35 100	66.0
68.0										19.4	90.6	36 100*	35.7	101.0	33 700	68.0
70.0										9.1	82.1	34 400*	31.3	97.8	32 300	70.0
72.0													26.3	94.0	30 900	72.0
74.0													20.1	89.1	29 700	74.0
76.0													10.5	81.2	28 400	76.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

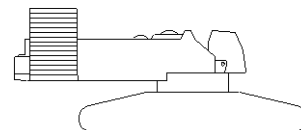
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.2	127.5	78 900*													21.3
22.0	73.4	127.3	78 700*													22.0
24.0	71.1	126.6	78 300*													24.0
26.0	68.7	125.8	77 900*	71.8	126.6	78 700*										26.0
28.0	66.3	125.0	77 400*	69.4	125.9	78 500*										28.0
30.0	63.8	124.0	76 600*	67.0	125.0	78 100*										30.0
32.0	61.3	122.9	74 500*	64.6	124.1	77 800*										32.0
34.0	58.7	121.7	72 200*	62.1	123.0	77 500*										34.0
36.0	56.1	120.4	70 000*	59.5	121.9	76 500*										36.0
38.0	53.3	118.9	67 100*	56.9	120.6	72 400*	65.1	123.4	75 900*							38.0
40.0	50.5	117.3	62 300*	54.2	119.2	67 900*	62.6	122.3	71 500*							40.0
42.0	47.5	115.5	58 000*	51.3	117.6	63 700*	60.1	121.2	67 300*							42.0
44.0	44.4	113.5	54 100*	48.4	115.8	59 300*	57.5	119.9	63 400*							44.0
46.0	41.1	111.2	50 600*	45.3	113.9	55 200*	54.8	118.6	60 000*							46.0
48.0	37.5	108.7	47 400*	42.1	111.7	51 600*	52.0	117.0	56 800*	60.5	119.9	58 000*				48.0
50.0	33.6	105.8	44 500*	38.6	109.3	48 400*	49.1	115.3	53 900*	57.9	118.7	55 100*				50.0
52.0	29.2	102.4	41 800*	34.8	106.5	45 400*	46.0	113.4	51 200*	55.2	117.3	52 300*				52.0
54.0	24.1	98.2	39 300*	30.6	103.3	42 700*	42.8	111.3	48 700*	52.4	115.8	49 800*				54.0
56.0	17.6	92.7	37 000*	25.7	99.4	40 100*	39.4	108.9	46 400*	49.6	114.1	47 500*				56.0
58.0				19.8	94.3	37 800*	35.6	106.2	44 200*	46.5	112.2	45 300*	55.5	115.4	41 900	58.0
60.0							31.5	103.1	42 200*	43.3	110.2	43 300*	52.7	113.9	40 000	60.0
62.0							26.9	99.4	40 200*	40.0	107.8	41 300*	49.8	112.2	38 200	62.0
64.0							21.2	94.7	38 400*	36.3	105.2	39 500*	46.8	110.4	36 600	64.0
66.0							13.3	87.8	35 600*	32.3	102.2	37 800*	43.6	108.3	35 100	66.0
68.0										27.7	98.6	36 200*	40.3	106.0	33 600	68.0
70.0										22.3	94.1	34 600*	36.6	103.4	32 200	70.0
72.0										14.9	87.8	33 100*	32.6	100.4	30 900	72.0
74.0													28.1	96.9	29 700	74.0
76.0													22.8	92.5	28 500	76.0
78.0													15.8	86.4	27 300	78.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

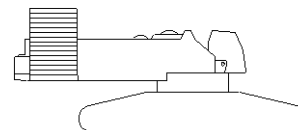
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	73.4	130.2	73 400*													22.9
24.0	72.2	129.8	73 100*													24.0
26.0	69.9	129.1	72 700*	72.8	129.8	73 300*										26.0
28.0	67.7	128.3	72 300*	70.6	129.1	73 100*										28.0
30.0	65.4	127.4	71 900*	68.4	128.3	72 800*										30.0
32.0	63.0	126.4	70 800*	66.1	127.5	72 600*										32.0
34.0	60.7	125.3	68 800*	63.7	126.5	72 300*										34.0
36.0	58.2	124.1	66 800*	61.4	125.4	72 000*										36.0
38.0	55.7	122.7	64 700*	58.9	124.2	70 600*										38.0
40.0	53.1	121.2	62 200*	56.4	122.9	67 500*	64.3	125.8	70 700*							40.0
42.0	50.4	119.6	57 700*	53.9	121.5	63 300*	61.9	124.7	66 700*							42.0
44.0	47.6	117.8	53 800*	51.2	119.9	59 000*	59.5	123.6	62 900*							44.0
46.0	44.6	115.8	50 300*	48.4	118.1	55 000*	57.0	122.3	59 500*							46.0
48.0	41.5	113.6	47 200*	45.5	116.2	51 400*	54.4	120.9	56 300*							48.0
50.0	38.2	111.1	44 300*	42.5	114.1	48 200*	51.8	119.3	53 400*	59.9	122.3	54 400*				50.0
52.0	34.6	108.3	41 600*	39.2	111.7	45 200*	49.1	117.6	50 700*	57.4	121.0	51 700*				52.0
54.0	30.6	105.1	39 200*	35.7	109.0	42 500*	46.2	115.7	48 200*	54.9	119.6	49 200*				54.0
56.0	26.1	101.2	37 000*	31.9	105.9	40 000*	43.2	113.6	45 900*	52.3	118.1	46 900*				56.0
58.0	20.6	96.4	34 800*	27.5	102.2	37 700*	40.0	111.3	43 700*	49.5	116.4	44 700*	57.6	119.1	41 400	58.0
60.0	13.0	89.3	31 500*	22.4	97.7	35 500*	36.5	108.7	41 700*	46.7	114.6	42 700*	55.1	117.7	39 500	60.0
62.0				15.7	91.6	33 500*	32.7	105.7	39 800*	43.7	112.5	40 800*	52.5	116.2	37 800	62.0
64.0							28.5	102.2	38 000*	40.5	110.2	39 000*	49.8	114.5	36 200	64.0
66.0							23.6	97.9	36 200*	37.1	107.7	37 300*	46.9	112.7	34 600	66.0
68.0							17.4	92.3	34 000*	33.4	104.7	35 700*	44.0	110.7	33 200	68.0
70.0							6.3	81.9	29 900*	29.3	101.3	34 200*	40.8	108.4	31 800	70.0
72.0										24.5	97.2	32 800*	37.4	105.9	30 500	72.0
74.0										18.6	91.9	31 300*	33.8	103.0	29 300	74.0
76.0										9.3	83.2	29 900*	29.7	99.6	28 100	76.0
78.0													25.0	95.6	27 100	78.0
80.0													19.2	90.4	25 900	80.0
82.0													10.5	82.3	24 900	82.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

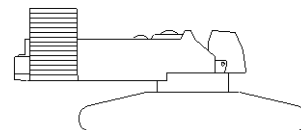
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.3	133.4	67 100*													22.9
24.0	73.1	133.0	67 100*													24.0
26.0	71.0	132.4	66 700*													26.0
28.0	68.9	131.6	66 400*	71.7	132.4	67 200*										28.0
30.0	66.8	130.7	66 100*	69.6	131.6	66 900*										30.0
32.0	64.6	129.8	65 800*	67.4	130.8	66 500*										32.0
34.0	62.4	128.8	65 000*	65.2	129.9	66 400*										34.0
36.0	60.1	127.6	63 200*	63.0	128.9	66 200*										36.0
38.0	57.7	126.4	61 400*	60.8	127.8	65 900*										38.0
40.0	55.3	125.0	59 600*	58.4	126.6	64 400*	65.7	129.2	65 000*							40.0
42.0	52.9	123.5	57 400*	56.1	125.2	62 400*	63.5	128.2	64 900*							42.0
44.0	50.3	121.9	53 800*	53.6	123.8	59 000*	61.3	127.1	62 600*							44.0
46.0	47.7	120.1	50 200*	51.1	122.2	54 900*	59.0	125.9	59 000*							46.0
48.0	44.9	118.1	47 100*	48.5	120.4	51 300*	56.6	124.6	55 800*							48.0
50.0	42.0	115.9	44 200*	45.7	118.5	48 100*	54.2	123.2	53 000*	61.6	125.8	53 900*				50.0
52.0	38.8	113.5	41 600*	42.8	116.4	45 100*	51.7	121.6	50 300*	59.3	124.6	51 200*				52.0
54.0	35.5	110.8	39 200*	39.8	114.1	42 400*	49.1	119.9	47 800*	57.0	123.3	48 700*				54.0
56.0	31.9	107.7	36 900*	36.5	111.4	39 900*	46.3	118.0	45 500*	54.6	121.9	46 400*				56.0
58.0	27.8	104.1	34 800*	33.0	108.4	37 600*	43.5	116.0	43 400*	52.1	120.4	44 300*				58.0
60.0	23.0	99.7	32 900*	29.0	105.0	35 500*	40.5	113.7	41 400*	49.5	118.7	42 300*	57.2	121.4	39 200	60.0
62.0	16.9	93.9	30 700*	24.5	100.9	33 500*	37.3	111.1	39 500*	46.8	116.9	40 300*	54.8	120.0	37 400	62.0
64.0	6.3	83.3	23 800*	18.9	95.6	31 700*	33.8	108.2	37 700*	44.0	114.8	38 600*	52.3	118.5	35 800	64.0
66.0							29.9	104.9	36 000*	41.0	112.6	36 900*	49.7	116.8	34 300	66.0
68.0							25.6	100.9	34 100*	37.8	110.1	35 300*	47.0	115.0	32 800	68.0
70.0							20.3	96.0	32 200*	34.4	107.2	33 800*	44.2	113.0	31 500	70.0
72.0							13.0	88.9	29 900*	30.6	104.0	32 400*	41.3	110.8	30 200	72.0
74.0										26.3	100.2	31 000*	38.1	108.3	29 000	74.0
76.0										21.3	95.4	29 700*	34.7	105.5	27 900	76.0
78.0										14.5	88.9	28 400*	31.0	102.3	26 800	78.0
80.0													26.8	98.5	25 700	80.0
82.0													21.8	93.9	24 700	82.0
84.0													15.2	87.6	23 700	84.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	73.6	136.1	62 300*													24.4
26.0	72.0	135.6	62 100*													26.0
28.0	70.0	134.9	61 800*													28.0
30.0	68.0	134.1	61 500*	70.6	134.9	62 100*										30.0
32.0	65.9	133.2	61 300*	68.6	134.1	61 800*										32.0
34.0	63.9	132.2	61 000*	66.6	133.2	61 600*										34.0
36.0	61.7	131.1	60 200*	64.5	132.3	61 500*										36.0
38.0	59.6	130.0	58 500*	62.4	131.3	61 300*										38.0
40.0	57.3	128.7	57 000*	60.2	130.1	60 100*	67.0	132.5	60 200*							40.0
42.0	55.0	127.3	55 100*	58.0	128.9	58 100*	64.9	131.6	60 200*							42.0
44.0	52.7	125.8	53 100*	55.7	127.5	56 100*	62.8	130.6	60 200*							44.0
46.0	50.3	124.2	50 300*	53.4	126.1	54 100*	60.7	129.5	58 500*							46.0
48.0	47.7	122.4	47 100*	51.0	124.5	51 500*	58.5	128.2	55 300*							48.0
50.0	45.1	120.4	44 200*	48.5	122.7	48 100*	56.2	126.9	52 400*							50.0
52.0	42.3	118.3	41 500*	45.9	120.8	45 100*	53.9	125.5	49 700*	61.0	128.2	50 600*				52.0
54.0	39.4	115.9	39 100*	43.2	118.7	42 400*	51.5	123.9	47 300*	58.9	127.0	48 100*				54.0
56.0	36.3	113.2	36 800*	40.3	116.4	39 900*	49.0	122.2	45 000*	56.6	125.7	45 800*				56.0
58.0	32.9	110.3	34 800*	37.2	113.9	37 500*	46.5	120.3	42 900*	54.3	124.2	43 700*				58.0
60.0	29.2	106.8	32 800*	33.9	111.0	35 400*	43.8	118.3	40 900*	51.9	122.7	41 700*				60.0
62.0	24.9	102.8	31 000*	30.3	107.7	33 500*	40.9	116.0	39 000*	49.5	121.0	39 800*	56.8	123.7	37 000	62.0
64.0	19.8	97.7	29 300*	26.3	103.8	31 600*	37.9	113.5	37 200*	46.9	119.2	38 000*	54.5	122.3	35 300	64.0
66.0	12.7	90.4	26 000*	21.4	99.1	29 900*	34.7	110.7	35 600*	44.2	117.2	36 400*	52.1	120.8	33 800	66.0
68.0				15.2	92.8	27 800*	31.2	107.5	34 000*	41.4	114.9	34 800*	49.7	119.1	32 400	68.0
70.0							27.2	103.8	32 200*	38.5	112.5	33 300*	47.1	117.3	31 000	70.0
72.0							22.6	99.3	30 400*	35.3	109.7	31 900*	44.5	115.3	29 800	72.0
74.0							16.8	93.5	28 700*	31.8	106.6	30 600*	41.7	113.1	28 600	74.0
76.0							6.9	83.2	24 800*	27.9	103.0	29 300*	38.7	110.7	27 500	76.0
78.0										23.4	98.7	28 100*	35.6	107.9	26 400	78.0
80.0										17.9	93.1	26 800*	32.1	104.9	25 300	80.0
82.0										9.4	84.3	25 600*	28.3	101.3	24 400	82.0
84.0													23.9	97.1	23 400	84.0
86.0													18.4	91.7	22 500	86.0
88.0													10.4	83.4	21 500	88.0

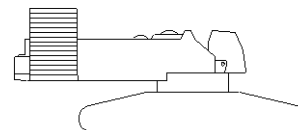


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

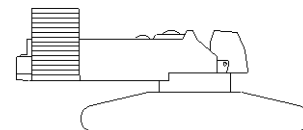
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	74.4	139.3	58 200*													24.4
26.0	72.9	138.8	58 000*													26.0
28.0	71.0	138.1	57 800*													28.0
30.0	69.1	137.4	57 500*	71.6	138.1	57 900*										30.0
32.0	67.2	136.5	57 300*	69.7	137.4	57 900*										32.0
34.0	65.2	135.6	57 000*	67.7	136.6	57 500*										34.0
36.0	63.2	134.6	56 800*	65.8	135.7	57 400*										36.0
38.0	61.2	133.5	55 800*	63.8	134.7	57 200*										38.0
40.0	59.1	132.3	54 200*	61.8	133.6	56 900*										40.0
42.0	56.9	131.1	52 400*	59.7	132.5	55 400*	66.2	135.0	56 000*							42.0
44.0	54.8	129.6	50 400*	57.6	131.2	53 400*	64.2	134.0	56 000*							44.0
46.0	52.5	128.1	48 600*	55.4	129.9	51 400*	62.2	133.0	56 000*							46.0
48.0	50.2	126.5	46 700*	53.2	128.4	49 500*	60.2	131.8	55 000*							48.0
50.0	47.8	124.7	44 200*	50.9	126.8	47 700*	58.1	130.6	52 300*							50.0
52.0	45.3	122.7	41 500*	48.5	125.0	45 000*	55.9	129.2	49 600*	62.6	131.6	50 400*				52.0
54.0	42.7	120.6	39 000*	46.0	123.1	42 300*	53.7	127.8	47 100*	60.5	130.5	48 000*				54.0
56.0	39.9	118.3	36 800*	43.5	121.1	39 800*	51.4	126.2	44 900*	58.4	129.3	45 600*				56.0
58.0	37.0	115.7	34 700*	40.8	118.8	37 500*	49.0	124.5	42 700*	56.3	128.0	43 500*				58.0
60.0	33.8	112.8	32 900*	37.9	116.3	35 400*	46.6	122.6	40 700*	54.1	126.6	41 500*				60.0
62.0	30.4	109.5	31 000*	34.8	113.5	33 400*	44.0	120.6	38 900*	51.8	125.0	39 600*				62.0
64.0	26.5	105.7	29 300*	31.5	110.3	31 600*	41.4	118.4	37 200*	49.4	123.3	37 900*	56.4	126.1	35 200	64.0
66.0	22.1	101.1	27 800*	27.7	106.7	29 900*	38.5	115.9	35 500*	47.0	121.5	36 200*	54.3	124.7	33 700	66.0
68.0	16.4	95.1	25 900*	23.5	102.3	28 300*	35.5	113.2	33 900*	44.5	119.5	34 700*	52.0	123.1	32 300	68.0
70.0	6.8	84.6	20 200*	18.3	96.9	26 700*	32.2	110.1	32 200*	41.8	117.3	33 200*	49.7	121.4	31 000	70.0
72.0							28.6	106.6	30 400*	39.0	114.9	31 800*	47.2	119.6	29 700	72.0
74.0							24.5	102.4	28 800*	36.0	112.2	30 500*	44.7	117.6	28 500	74.0
76.0							19.5	97.3	27 200*	32.8	109.2	29 200*	42.1	115.4	27 400	76.0
78.0							12.8	90.0	25 400*	29.2	105.7	28 000*	39.3	113.1	26 300	78.0
80.0										25.2	101.7	26 900*	36.3	110.4	25 300	80.0
82.0										20.4	96.8	25 700*	33.1	107.4	24 300	82.0
84.0										14.1	90.0	24 600*	29.6	104.0	23 400	84.0
86.0													25.6	100.1	22 500	86.0
88.0													20.9	95.2	21 600	88.0
90.0													14.8	88.7	20 800	90.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

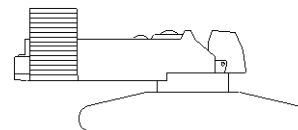
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	73.8	142.0	54 400*													25.9
26.0	73.7	142.0	54 400*													26.0
28.0	71.9	141.4	54 100*													28.0
30.0	70.1	140.6	53 800*													30.0
32.0	68.3	139.8	53 600*	70.6	140.6	54 000*										32.0
34.0	66.4	139.0	53 400*	68.8	139.9	53 800*										34.0
36.0	64.5	138.0	53 100*	67.0	139.0	53 600*										36.0
38.0	62.6	137.0	52 800*	65.1	138.1	53 400*										38.0
40.0	60.6	135.9	51 500*	63.2	137.1	53 200*										40.0
42.0	58.6	134.7	49 600*	61.2	136.0	52 500*										42.0
44.0	56.6	133.4	47 800*	59.2	134.8	50 600*	65.5	137.4	52 200*							44.0
46.0	54.5	132.0	45 900*	57.2	133.6	48 700*	63.6	136.4	52 200*							46.0
48.0	52.4	130.4	44 100*	55.1	132.2	46 800*	61.6	135.3	52 200*							48.0
50.0	50.1	128.8	42 300*	53.0	130.7	45 000*	59.7	134.2	51 400*							50.0
52.0	47.8	127.0	40 600*	50.8	129.1	43 200*	57.7	132.9	49 000*							52.0
54.0	45.5	125.1	38 800*	48.5	127.3	41 400*	55.6	131.6	46 600*	62.0	134.0	47 300*				54.0
56.0	43.0	122.9	36 600*	46.2	125.4	39 500*	53.5	130.1	44 300*	60.0	132.9	45 000*				56.0
58.0	40.4	120.7	34 500*	43.7	123.4	37 300*	51.3	128.5	42 200*	58.0	131.6	42 900*				58.0
60.0	37.6	118.1	32 600*	41.2	121.1	35 200*	49.0	126.8	40 200*	55.9	130.3	40 900*				60.0
62.0	34.7	115.3	30 800*	38.5	118.7	33 200*	46.7	124.9	38 400*	53.8	128.9	39 000*				62.0
64.0	31.5	112.1	29 100*	35.6	115.9	31 300*	44.3	122.9	36 700*	51.7	127.3	37 300*				64.0
66.0	27.9	108.5	27 600*	32.4	112.9	29 700*	41.7	120.7	35 000*	49.4	125.6	35 600*	56.1	128.4	33 200	66.0
68.0	23.9	104.2	26 100*	29.0	109.4	28 100*	39.1	118.3	33 500*	47.1	123.8	34 100*	54.0	127.0	31 800	68.0
70.0	19.1	99.0	24 700*	25.2	105.4	26 600*	36.2	115.6	31 900*	44.7	121.8	32 600*	51.9	125.4	30 500	70.0
72.0	12.5	91.5	21 500*	20.6	100.5	25 100*	33.2	112.7	30 200*	42.2	119.6	31 300*	49.6	123.7	29 200	72.0
74.0				14.8	93.9	23 300*	29.8	109.3	28 500*	39.5	117.2	29 900*	47.3	121.9	28 000	74.0
76.0							26.1	105.4	27 000*	36.7	114.6	28 700*	44.9	119.9	26 900	76.0
78.0							21.7	100.7	25 600*	33.7	111.7	27 500*	42.4	117.8	25 900	78.0
80.0							16.3	94.7	24 200*	30.4	108.4	26 400*	39.8	115.4	24 800	80.0
82.0							7.3	84.4	20 800*	26.7	104.6	25 300*	37.0	112.8	23 900	82.0
84.0										22.5	100.1	24 200*	34.0	109.9	23 000	84.0
86.0										17.3	94.3	23 200*	30.7	106.7	22 100	86.0
88.0										9.5	85.4	22 100*	27.1	103.0	21 200	88.0
90.0													22.9	98.5	20 500	90.0
92.0													17.8	92.9	19 600	92.0
94.0													10.4	84.5	18 800	94.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

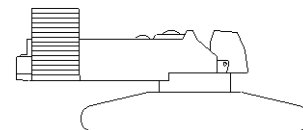
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.5	145.2	49 500*													25.9
26.0	74.4	145.2	49 500*													26.0
28.0	72.7	144.6	49 500*													28.0
30.0	71.0	143.9	49 200*													30.0
32.0	69.3	143.1	48 900*	71.5	143.9	49 200*										32.0
34.0	67.5	142.3	48 800*	69.8	143.1	49 100*										34.0
36.0	65.7	141.4	48 500*	68.0	142.4	48 900*										36.0
38.0	63.9	140.4	48 300*	66.2	141.5	48 700*										38.0
40.0	62.0	139.4	48 100*	64.4	140.5	48 500*										40.0
42.0	60.2	138.2	47 100*	62.6	139.5	48 400*										42.0
44.0	58.2	137.0	45 300*	60.7	138.4	47 800*	66.6	140.7	47 300*							44.0
46.0	56.3	135.7	43 600*	58.8	137.2	46 200*	64.8	139.8	47 300*							46.0
48.0	54.3	134.3	41 800*	56.9	135.9	44 400*	63.0	138.8	47 300*							48.0
50.0	52.2	132.7	40 100*	54.9	134.5	42 700*	61.1	137.7	47 300*							50.0
52.0	50.1	131.1	38 400*	52.8	133.0	40 900*	59.2	136.5	47 100*							52.0
54.0	47.9	129.3	36 800*	50.7	131.4	39 300*	57.3	135.2	45 300*							54.0
56.0	45.6	127.4	35 200*	48.6	129.6	37 600*	55.3	133.9	43 600*	61.4	136.4	44 300*				56.0
58.0	43.3	125.3	33 600*	46.3	127.7	35 900*	53.3	132.4	41 800*	59.6	135.2	42 400*				58.0
60.0	40.8	123.0	32 100*	44.0	125.7	34 300*	51.2	130.8	39 800*	57.6	134.0	40 500*				60.0
62.0	38.2	120.5	30 600*	41.5	123.5	32 800*	49.0	129.1	38 000*	55.6	132.6	38 600*				62.0
64.0	35.4	117.8	28 900*	39.0	121.1	31 100*	46.8	127.2	36 200*	53.6	131.2	36 800*				64.0
66.0	32.4	114.7	27 300*	36.2	118.4	29 400*	44.5	125.2	34 600*	51.5	129.6	35 200*				66.0
68.0	29.1	111.2	25 900*	33.3	115.4	27 800*	42.1	123.1	33 100*	49.4	127.9	33 700*	55.8	130.7	31 500	68.0
70.0	25.5	107.3	24 500*	30.2	112.1	26 300*	39.5	120.7	31 600*	47.2	126.1	32 200*	53.8	129.3	30 100	70.0
72.0	21.2	102.5	23 200*	26.6	108.3	25 000*	36.9	118.1	29 900*	44.9	124.1	30 800*	51.7	127.7	28 900	72.0
74.0	15.9	96.3	21 400*	22.6	103.8	23 600*	34.0	115.2	28 300*	42.5	122.0	29 500*	49.6	126.0	27 700	74.0
76.0	7.2	85.8	16 500*	17.7	98.1	22 300*	30.9	111.9	26 800*	40.0	119.6	28 300*	47.4	124.2	26 600	76.0
78.0							27.4	108.3	25 400*	37.3	117.1	27 100*	45.1	122.3	25 500	78.0
80.0							23.5	103.9	24 000*	34.5	114.2	26 000*	42.7	120.1	24 500	80.0
82.0							18.9	98.6	22 700*	31.4	111.0	24 900*	40.2	117.8	23 600	82.0
84.0							12.5	91.1	21 300*	28.0	107.4	23 900*	37.6	115.3	22 700	84.0
86.0										24.2	103.2	22 900*	34.7	112.4	21 800	86.0
88.0										19.7	98.1	21 900*	31.7	109.3	21 000	88.0
90.0										13.8	91.1	21 000*	28.4	105.7	20 200	90.0
92.0													24.6	101.6	19 400	92.0
94.0													20.2	96.6	18 600	94.0
96.0													14.4	89.8	17 900	96.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



73.2m (240 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	73.9	147.9	46 200*													27.4
28.0	73.5	147.8	46 200*													28.0
30.0	71.8	147.1	46 000*													30.0
32.0	70.2	146.4	45 800*	72.3	147.1	45 900*										32.0
34.0	68.5	145.6	45 500*	70.7	146.4	45 800*										34.0
36.0	66.8	144.8	45 300*	69.0	145.6	45 700*										36.0
38.0	65.1	143.8	45 100*	67.3	144.8	45 400*										38.0
40.0	63.3	142.8	44 900*	65.6	143.9	45 200*										40.0
42.0	61.5	141.8	44 400*	63.8	142.9	45 100*										42.0
44.0	59.7	140.6	42 800*	62.1	141.9	44 900*										44.0
46.0	57.9	139.4	41 000*	60.3	140.7	43 600*	65.9	143.2	44 000*							46.0
48.0	56.0	138.0	39 400*	58.4	139.5	41 900*	64.2	142.2	44 000*							48.0
50.0	54.1	136.6	37 700*	56.5	138.2	40 200*	62.4	141.2	44 000*							50.0
52.0	52.1	135.0	36 000*	54.6	136.8	38 400*	60.7	140.1	43 900*							52.0
54.0	50.0	133.4	34 500*	52.7	135.3	36 800*	58.8	138.9	42 700*							54.0
56.0	47.9	131.6	32 900*	50.7	133.7	35 200*	57.0	137.6	41 000*							56.0
58.0	45.8	129.7	31 400*	48.6	131.9	33 600*	55.1	136.2	39 300*	61.0	138.8	41 400*				58.0
60.0	43.5	127.6	29 900*	46.4	130.1	32 000*	53.1	134.7	37 600*	59.1	137.6	39 900*				60.0
62.0	41.2	125.4	28 500*	44.2	128.0	30 500*	51.1	133.1	36 000*	57.3	136.3	38 000*				62.0
64.0	38.7	122.9	27 000*	41.9	125.8	29 000*	49.0	131.4	34 400*	55.4	134.9	36 200*				64.0
66.0	36.1	120.2	25 700*	39.4	123.4	27 700*	46.9	129.6	32 800*	53.4	133.5	34 600*				66.0
68.0	33.3	117.2	24 400*	36.9	120.8	26 300*	44.7	127.6	31 200*	51.4	131.9	33 100*				68.0
70.0	30.2	113.9	23 200*	34.1	118.0	25 000*	42.4	125.4	29 700*	49.4	130.2	31 600*	55.6	133.1	29 700	70.0
72.0	26.9	110.2	22 000*	31.1	114.7	23 700*	40.0	123.1	28 300*	47.3	128.4	30 300*	53.6	131.6	28 400	72.0
74.0	23.0	105.7	20 900*	27.9	111.1	22 500*	37.4	120.5	26 900*	45.1	126.4	29 000*	51.6	130.0	27 300	74.0
76.0	18.5	100.2	19 800*	24.2	106.9	21 300*	34.7	117.7	25 600*	42.8	124.3	27 700*	49.6	128.3	26 100	76.0
78.0	12.3	92.6	17 800*	20.0	101.8	20 300*	31.8	114.6	24 300*	40.4	122.0	26 600*	47.5	126.5	25 100	78.0
80.0				14.4	95.0	19 000*	28.6	111.0	23 000*	37.9	119.5	25 500*	45.3	124.6	24 100	80.0
82.0							25.1	107.0	21 900*	35.2	116.7	24 400*	43.0	122.5	23 200	82.0
84.0							21.0	102.1	20 800*	32.3	113.6	23 400*	40.6	120.2	22 300	84.0
86.0							15.8	95.8	19 700*	29.2	110.2	22 400*	38.1	117.7	21 400	86.0
88.0							7.6	85.6	17 300*	25.7	106.2	21 500*	35.4	114.9	20 600	88.0
90.0										21.7	101.5	20 500*	32.6	111.9	19 800	90.0
92.0										16.8	95.5	19 700*	29.5	108.5	19 000	92.0
94.0										9.5	86.5	18 700*	26.1	104.6	18 300	94.0
96.0													22.1	99.9	17 600	96.0
98.0													17.3	94.1	16 900	98.0
100.0													10.4	85.6	16 100	100.0

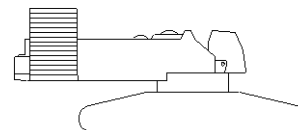


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

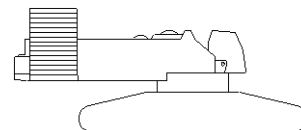
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	68.7	103.5	144 700*b													15.2
16.0	66.4	103.2	143 400*b													16.0
18.0	60.3	102.1	138 500*b	68.8	103.3	144 400*b										18.0
20.0	53.7	100.7	130 600*	62.8	102.3	137 200*b										20.0
22.0	46.5	98.8	122 900*	56.4	101.0	129 500*b										22.0
24.0	38.1	96.4	115 400*	49.5	99.4	121 200*										24.0
26.0	27.5	93.0	103 000*	41.6	97.3	110 600*	65.8	101.8	116 700*b							26.0
28.0				32.2	94.3	101 100*	59.6	100.7	107 000*b							28.0
30.0				18.3	89.6	88 900*	52.9	99.2	98 600*							30.0
32.0							45.6	97.4	91 300*							32.0
34.0							37.0	94.9	84 800*							34.0
36.0							26.0	91.3	78 900*	55.8	98.3	81 500*				36.0
38.0										48.8	96.6	76 300*				38.0
40.0										40.9	94.4	71 600*				40.0
42.0										31.2	91.4	67 300*				42.0
44.0										16.5	86.3	63 100*	51.3	95.1	61 700	44.0
46.0													43.8	93.1	58 200	46.0
48.0													34.8	90.4	55 000	48.0
50.0													22.7	86.4	52 000	50.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

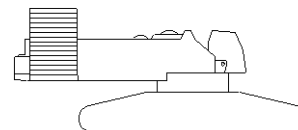
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	71.5	106.8	135 000*b													15.2
16.0	69.6	106.5	134 000*b													16.0
18.0	64.4	105.6	131 200*b													18.0
20.0	58.9	104.4	126 900*	66.5	105.7	132 500*b										20.0
22.0	53.1	102.9	119 900*	61.2	104.7	125 600*b										22.0
24.0	46.8	101.1	113 300*	55.5	103.3	119 000*										24.0
26.0	39.7	98.8	106 600*	49.4	101.7	110 500*										26.0
28.0	31.1	95.8	96 300*	42.7	99.6	101 100*	63.8	104.2	106 500*b							28.0
30.0	19.0	91.1	83 100*	34.8	96.9	93 000*	58.3	103.0	98 100*							30.0
32.0				24.6	93.1	85 800*	52.4	101.5	90 900*							32.0
34.0							46.0	99.7	84 500*							34.0
36.0							38.8	97.3	78 800*							36.0
38.0							30.0	94.2	73 600*	55.0	100.6	75 700*				38.0
40.0										48.9	98.9	71 100*				40.0
42.0										42.0	96.8	66 900*				42.0
44.0										34.0	94.0	63 000*				44.0
46.0										23.5	90.1	59 400*	51.0	97.3	57 800	46.0
48.0													44.5	95.4	54 700	48.0
50.0													36.9	92.9	51 800	50.0
52.0													27.6	89.4	49 100	52.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

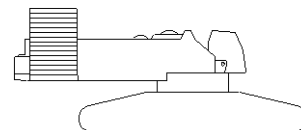
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.6	110.0	125 800*b													15.2
16.0	72.0	109.8	125 000*b													16.0
18.0	67.5	109.0	123 400*b													18.0
20.0	62.8	108.0	120 200*	69.3	109.1	124 600*b										20.0
22.0	57.9	106.7	116 500*	64.7	108.2	121 600*b										22.0
24.0	52.7	105.2	110 300*	59.9	107.0	115 300*										24.0
26.0	47.1	103.4	104 600*	54.8	105.7	109 500*										26.0
28.0	40.8	101.2	98 300*	49.4	104.0	101 100*										28.0
30.0	33.6	98.4	89 700*	43.4	101.9	93 000*	62.2	106.6	97 900*							30.0
32.0	24.4	94.5	81 300*	36.7	99.4	86 000*	57.3	105.3	90 600*							32.0
34.0				28.5	96.1	79 700*	52.1	103.8	84 300*							34.0
36.0				16.7	90.8	72 700*	46.4	102.0	78 600*							36.0
38.0							40.1	99.7	73 600*	59.4	104.3	75 400*				38.0
40.0							32.7	96.8	69 000*	54.3	102.9	70 800*				40.0
42.0							23.2	92.7	64 700*	48.9	101.2	66 600*				42.0
44.0										42.9	99.2	62 900*				44.0
46.0										36.0	96.6	59 400*	56.1	101.2	57 500	46.0
48.0										27.6	93.1	56 200*	50.8	99.7	54 400	48.0
50.0										15.1	87.4	53 000*	45.0	97.7	51 600	50.0
52.0													38.5	95.3	49 000	52.0
54.0													30.8	92.2	46 600	54.0
56.0													20.4	87.7	44 200	56.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

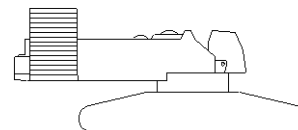
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	72.3	112.7	116 000*													16.8
18.0	69.8	112.3	114 900*													18.0
20.0	65.7	111.4	112 900*	71.5	112.4	116 400*										20.0
22.0	61.5	110.3	110 800*	67.4	111.5	114 800*										22.0
24.0	57.0	109.1	107 400*	63.2	110.6	111 800*										24.0
26.0	52.3	107.6	102 100*	58.8	109.4	106 600*										26.0
28.0	47.3	105.7	96 800*	54.2	108.0	100 900*										28.0
30.0	41.7	103.6	90 300*	49.3	106.3	92 700*	65.3	110.1	97 200*							30.0
32.0	35.5	100.9	83 200*	44.0	104.3	85 700*	61.0	109.0	90 000*							32.0
34.0	28.0	97.5	75 800*	38.1	101.8	79 600*	56.5	107.7	83 700*							34.0
36.0	17.5	92.3	68 300*	31.2	98.8	74 100*	51.8	106.1	78 100*							36.0
38.0				22.3	94.5	69 100*	46.7	104.3	73 100*							38.0
40.0							41.1	102.1	68 600*	58.4	106.7	70 100*				40.0
42.0							34.7	99.4	64 500*	53.8	105.2	66 100*				42.0
44.0							27.0	95.8	60 700*	48.9	103.5	62 300*				44.0
46.0										43.5	101.5	58 900*				46.0
48.0										37.5	99.0	55 800*	55.4	103.6	54 000	48.0
50.0										30.5	95.8	52 800*	50.6	101.9	51 100	50.0
52.0										21.3	91.4	50 000*	45.4	100.0	48 600	52.0
54.0													39.7	97.7	46 200	54.0
56.0													33.1	94.8	44 000	56.0
58.0													24.9	91.0	41 900	58.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

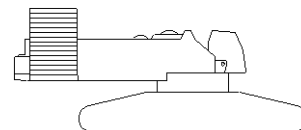
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.0	115.9	108 100*													16.8
18.0	71.8	115.5	107 200*													18.0
20.0	68.1	114.7	105 700*													20.0
22.0	64.3	113.8	104 000*	69.6	114.8	107 200*										22.0
24.0	60.4	112.7	102 300*	65.8	114.0	106 000*										24.0
26.0	56.3	111.4	99 300*	62.0	112.9	103 700*										26.0
28.0	52.0	109.8	95 100*	58.0	111.7	99 000*										28.0
30.0	47.4	108.1	89 800*	53.8	110.3	92 700*										30.0
32.0	42.4	105.9	83 200*	49.3	108.6	85 600*	63.9	112.4	89 600*							32.0
34.0	36.9	103.4	77 100*	44.5	106.6	79 500*	59.9	111.3	83 400*							34.0
36.0	30.5	100.2	70 900*	39.2	104.3	74 100*	55.8	110.0	77 800*							36.0
38.0	22.4	95.9	65 200*	33.2	101.4	69 200*	51.5	108.4	72 900*							38.0
40.0				26.0	97.6	64 800*	46.9	106.6	68 400*	61.6	110.2	69 700*				40.0
42.0				15.6	91.9	60 600*	41.9	104.4	64 300*	57.6	109.0	65 600*				42.0
44.0							36.2	101.8	60 600*	53.4	107.5	61 900*				44.0
46.0							29.7	98.6	57 200*	48.9	105.8	58 600*				46.0
48.0							21.3	94.1	54 000*	44.1	103.8	55 500*				48.0
50.0										38.7	101.4	52 600*	54.9	105.9	50 800	50.0
52.0										32.6	98.5	49 900*	50.5	104.2	48 300	52.0
54.0										25.2	94.6	47 400*	45.8	102.3	45 900	54.0
56.0										14.3	88.5	44 900*	40.6	100.1	43 700	56.0
58.0													34.8	97.4	41 700	58.0
60.0													28.0	93.9	39 800	60.0
62.0													18.8	88.9	37 900	62.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	72.9	118.7	100 100*													18.3
20.0	70.0	118.0	99 000*													20.0
22.0	66.6	117.2	97 700*	71.4	118.1	100 200*b										22.0
24.0	63.1	116.2	96 200*	68.0	117.3	99 400*										24.0
26.0	59.5	115.0	94 400*	64.5	116.4	98 000*										26.0
28.0	55.7	113.7	90 900*	61.0	115.3	96 300*										28.0
30.0	51.8	112.2	87 400*	57.3	114.0	91 700*										30.0
32.0	47.6	110.4	82 900*	53.4	112.6	85 100*	66.2	115.8	88 900*							32.0
34.0	43.0	108.3	76 900*	49.3	110.9	79 100*	62.7	114.8	82 700*							34.0
36.0	38.1	105.8	71 500*	44.9	108.9	73 700*	59.1	113.7	77 200*							36.0
38.0	32.5	102.8	66 100*	40.1	106.6	68 900*	55.3	112.3	72 300*							38.0
40.0	25.7	99.0	61 100*	34.8	103.9	64 600*	51.3	110.7	67 900*							40.0
42.0	16.4	93.4	56 100*	28.6	100.5	60 600*	47.1	108.9	63 800*	60.6	112.6	65 000*				42.0
44.0				20.7	95.8	57 000*	42.5	106.8	60 200*	56.9	111.3	61 300*				44.0
46.0							37.5	104.3	56 800*	53.0	109.8	58 000*				46.0
48.0							31.8	101.2	53 700*	48.9	108.1	54 900*				48.0
50.0							24.8	97.3	50 800*	44.5	106.1	52 100*				50.0
52.0										39.7	103.8	49 400*	54.4	108.2	47 800	52.0
54.0										34.3	101.0	47 000*	50.3	106.5	45 500	54.0
56.0										28.0	97.5	44 700*	46.0	104.7	43 300	56.0
58.0										19.8	92.7	42 400*	41.4	102.5	41 300	58.0
60.0													36.2	99.9	39 400	60.0
62.0													30.3	96.6	37 600	62.0
64.0													23.0	92.4	35 900	64.0

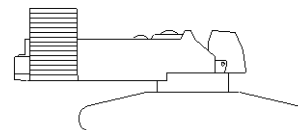


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

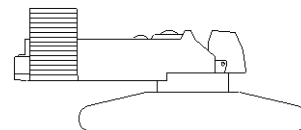
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.2	121.9	93 500*													18.3
20.0	71.6	121.3	92 700*													20.0
22.0	68.5	120.5	91 600*													22.0
24.0	65.3	119.6	90 400*	69.8	120.6	92 800*										24.0
26.0	62.1	118.6	89 200*	66.6	119.8	91 800*										26.0
28.0	58.7	117.4	86 600*	63.4	118.8	90 900*										28.0
30.0	55.2	116.0	83 400*	60.1	117.6	89 100*										30.0
32.0	51.5	114.4	80 400*	56.6	116.3	85 200*										32.0
34.0	47.7	112.7	77 100*	53.0	114.9	79 200*	65.0	118.3	82 700*							34.0
36.0	43.5	110.6	71 800*	49.3	113.2	73 800*	61.7	117.2	77 200*							36.0
38.0	39.0	108.2	67 100*	45.2	111.2	69 000*	58.3	116.0	72 300*							38.0
40.0	34.0	105.4	62 500*	40.9	109.0	64 800*	54.8	114.6	67 800*							40.0
42.0	28.2	101.9	58 000*	36.1	106.4	60 800*	51.1	113.0	63 800*							42.0
44.0	20.9	97.3	53 900*	30.7	103.2	57 300*	47.2	111.2	60 200*	59.8	114.9	61 300*				44.0
46.0				24.1	99.1	54 000*	43.0	109.1	56 900*	56.3	113.6	57 900*				46.0
48.0				14.8	93.0	50 000*	38.5	106.7	53 800*	52.7	112.1	54 800*				48.0
50.0							33.4	103.8	51 000*	48.9	110.4	52 000*				50.0
52.0							27.5	100.2	48 400*	44.9	108.5	49 500*	57.5	111.9	47 800	52.0
54.0							19.9	95.4	45 900*	40.5	106.2	47 000*	54.0	110.5	45 400	54.0
56.0										35.7	103.5	44 800*	50.2	108.8	43 300	56.0
58.0										30.1	100.3	42 600*	46.3	107.0	41 300	58.0
60.0										23.4	96.1	40 600*	42.0	104.8	39 400	60.0
62.0										13.7	89.6	38 600*	37.4	102.3	37 700	62.0
64.0													32.1	99.3	36 000	64.0
66.0													25.9	95.5	34 500	66.0
68.0													17.7	90.1	32 900	68.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	73.2	124.6	86 800*													19.8
20.0	73.0	124.5	86 700*													20.0
22.0	70.1	123.8	86 000*													22.0
24.0	67.2	123.0	85 000*	71.3	123.9	86 800*										24.0
26.0	64.2	122.0	83 900*	68.4	123.1	86 200*										26.0
28.0	61.2	120.9	82 400*	65.5	122.2	85 300*										28.0
30.0	58.0	119.7	79 500*	62.4	121.2	84 500*										30.0
32.0	54.8	118.3	76 700*	59.3	120.0	83 200*										32.0
34.0	51.4	116.7	74 000*	56.1	118.7	78 900*	66.9	121.6	82 100*							34.0
36.0	47.8	115.0	71 100*	52.8	117.2	73 400*	63.9	120.7	76 600*							36.0
38.0	43.9	112.9	66 800*	49.2	115.5	68 700*	60.8	119.6	71 700*							38.0
40.0	39.8	110.6	62 500*	45.5	113.6	64 400*	57.7	118.3	67 300*							40.0
42.0	35.3	107.9	58 100*	41.5	111.4	60 500*	54.4	116.9	63 300*							42.0
44.0	30.2	104.6	54 200*	37.2	108.8	57 000*	51.0	115.3	59 700*							44.0
46.0	24.0	100.5	50 500*	32.3	105.8	53 800*	47.3	113.5	56 400*	59.0	117.3	57 300*				46.0
48.0	15.6	94.6	46 300*	26.7	102.1	50 800*	43.5	111.5	53 400*	55.8	115.9	54 300*				48.0
50.0				19.4	97.1	48 000*	39.3	109.1	50 600*	52.4	114.4	51 500*				50.0
52.0							34.8	106.3	48 000*	48.9	112.7	48 900*				52.0
54.0							29.5	103.0	45 600*	45.2	110.8	46 500*	56.9	114.2	44 900	54.0
56.0							23.2	98.7	43 300*	41.2	108.6	44 300*	53.6	112.8	42 800	56.0
58.0										36.8	106.0	42 200*	50.2	111.1	40 800	58.0
60.0										31.9	102.9	40 200*	46.5	109.3	39 000	60.0
62.0										26.1	99.1	38 400*	42.6	107.2	37 300	62.0
64.0										18.7	93.9	36 600*	38.3	104.7	35 700	64.0
66.0													33.6	101.8	34 100	66.0
68.0													28.2	98.3	32 700	68.0
70.0													21.5	93.8	31 300	70.0

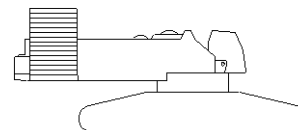


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

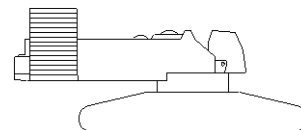
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.4	127.8	80 500*													19.8
20.0	74.2	127.7	80 500*													20.0
22.0	71.5	127.1	79 900*													22.0
24.0	68.8	126.3	79 200*													24.0
26.0	66.1	125.4	78 300*	69.9	126.4	80 300*										26.0
28.0	63.3	124.4	77 500*	67.2	125.6	79 400*										28.0
30.0	60.4	123.3	75 600*	64.4	124.6	78 800*										30.0
32.0	57.5	122.0	73 100*	61.6	123.5	78 100*										32.0
34.0	54.4	120.6	70 600*	58.7	122.3	77 100*										34.0
36.0	51.2	119.1	68 200*	55.6	121.0	73 300*	65.8	124.1	76 100*							36.0
38.0	47.8	117.3	65 900*	52.5	119.5	68 300*	63.0	123.1	71 200*							38.0
40.0	44.3	115.3	62 400*	49.2	117.8	64 100*	60.1	121.9	66 800*							40.0
42.0	40.5	113.0	58 500*	45.8	115.9	60 200*	57.1	120.7	62 900*							42.0
44.0	36.4	110.4	54 500*	42.1	113.7	56 700*	54.0	119.2	59 300*							44.0
46.0	31.8	107.3	50 900*	38.1	111.2	53 500*	50.8	117.6	56 000*	61.3	120.8	56 800*				46.0
48.0	26.4	103.5	47 600*	33.7	108.4	50 600*	47.5	115.8	53 100*	58.4	119.6	53 800*				48.0
50.0	19.7	98.6	44 600*	28.7	104.9	47 900*	43.9	113.8	50 300*	55.4	118.3	51 000*				50.0
52.0				22.7	100.5	45 300*	40.1	111.5	47 700*	52.2	116.7	48 400*				52.0
54.0				14.2	94.1	41 800*	35.9	108.8	45 400*	48.9	115.0	46 100*				54.0
56.0							31.2	105.7	43 100*	45.4	113.1	43 900*				56.0
58.0							25.7	101.8	41 000*	41.7	110.9	41 800*	53.3	115.1	40 500	58.0
60.0							18.8	96.6	39 000*	37.7	108.4	39 900*	50.1	113.4	38 600	60.0
62.0										33.3	105.5	38 100*	46.7	111.6	37 000	62.0
64.0										28.2	102.0	36 300*	43.0	109.5	35 300	64.0
66.0										22.0	97.5	34 700*	39.1	107.1	33 800	66.0
68.0										13.2	90.7	33 000*	34.9	104.3	32 400	68.0
70.0													30.0	101.1	31 100	70.0
72.0													24.3	97.0	29 800	72.0
74.0													16.8	91.3	28 500	74.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

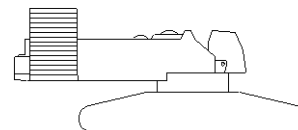
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	73.5	130.5	75 000*													21.3
22.0	72.7	130.3	74 800*													22.0
24.0	70.2	129.6	74 300*													24.0
26.0	67.7	128.7	73 600*	71.2	129.6	74 900*										26.0
28.0	65.1	127.8	73 000*	68.7	128.9	74 500*										28.0
30.0	62.5	126.8	71 800*	66.1	128.0	74 000*										30.0
32.0	59.7	125.7	69 700*	63.5	127.0	73 400*										32.0
34.0	57.0	124.4	67 500*	60.8	125.9	72 800*										34.0
36.0	54.1	122.9	65 300*	58.1	124.7	71 700*										36.0
38.0	51.1	121.3	63 100*	55.2	123.3	67 900*	64.8	126.5	70 600*							38.0
40.0	47.9	119.6	61 000*	52.3	121.8	63 600*	62.2	125.4	66 300*							40.0
42.0	44.6	117.6	58 400*	49.2	120.1	59 800*	59.4	124.3	62 300*							42.0
44.0	41.1	115.3	54 400*	46.0	118.2	56 300*	56.6	123.0	58 800*							44.0
46.0	37.3	112.8	50 800*	42.5	116.1	53 100*	53.7	121.5	55 500*							46.0
48.0	33.1	109.9	47 600*	38.9	113.7	50 200*	50.7	119.9	52 500*	60.6	123.2	53 100*				48.0
50.0	28.4	106.3	44 600*	34.8	110.9	47 500*	47.6	118.1	49 800*	57.8	121.9	50 400*				50.0
52.0	22.7	101.9	41 900*	30.3	107.6	45 000*	44.2	116.1	47 200*	55.0	120.6	47 800*				52.0
54.0	15.0	95.7	38 400*	25.1	103.6	42 700*	40.7	113.9	44 900*	52.0	119.0	45 500*				54.0
56.0				18.5	98.4	40 400*	36.8	111.3	42 700*	48.9	117.3	43 300*				56.0
58.0							32.6	108.3	40 600*	45.7	115.4	41 200*	56.0	118.9	40 000	58.0
60.0							27.8	104.7	38 700*	42.2	113.3	39 300*	53.0	117.4	38 200	60.0
62.0							21.9	100.2	36 800*	38.5	110.8	37 600*	50.0	115.7	36 500	62.0
64.0							13.8	93.5	35 000*	34.5	108.0	35 800*	46.8	113.9	34 900	64.0
66.0										29.9	104.7	34 200*	43.4	111.8	33 400	66.0
68.0										24.6	100.6	32 700*	39.8	109.5	32 000	68.0
70.0										17.8	95.2	31 200*	35.9	106.8	30 700	70.0
72.0													31.5	103.7	29 400	72.0
74.0													26.5	99.9	28 200	74.0
76.0													20.4	95.1	27 000	76.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

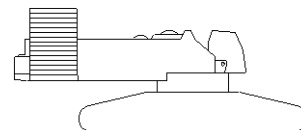
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.5	133.7	70 300*													21.3
22.0	73.8	133.5	70 200*													22.0
24.0	71.4	132.8	69 800*													24.0
26.0	69.1	132.1	69 200*	72.4	132.9	70 200*										26.0
28.0	66.7	131.2	68 600*	70.0	132.1	70 000*										28.0
30.0	64.2	130.2	68 100*	67.6	131.3	69 500*										30.0
32.0	61.7	129.2	66 500*	65.2	130.4	69 000*										32.0
34.0	59.1	128.0	64 500*	62.7	129.4	68 600*										34.0
36.0	56.5	126.7	62 500*	60.2	128.3	68 000*										36.0
38.0	53.8	125.2	60 500*	57.6	127.0	66 500*										38.0
40.0	50.9	123.7	58 600*	54.9	125.6	63 700*	63.9	128.9	66 300*							40.0
42.0	48.0	121.9	56 700*	52.1	124.1	59 700*	61.4	127.8	62 200*							42.0
44.0	44.9	119.9	54 500*	49.2	122.4	56 300*	58.8	126.6	58 700*							44.0
46.0	41.6	117.7	51 100*	46.2	120.5	53 100*	56.2	125.3	55 400*							46.0
48.0	38.1	115.2	47 900*	42.9	118.4	50 200*	53.5	123.8	52 400*							48.0
50.0	34.2	112.4	44 900*	39.5	116.0	47 500*	50.6	122.2	49 700*	60.0	125.6	50 200*				50.0
52.0	29.9	109.1	42 200*	35.8	113.3	45 100*	47.6	120.4	47 200*	57.3	124.3	47 700*				52.0
54.0	25.0	105.1	39 700*	31.7	110.2	42 800*	44.5	118.4	44 800*	54.6	122.9	45 400*				54.0
56.0	18.8	99.8	37 400*	27.1	106.6	40 600*	41.2	116.2	42 600*	51.8	121.3	43 200*				56.0
58.0				21.5	101.9	38 400*	37.7	113.7	40 600*	48.9	119.6	41 100*				58.0
60.0				13.8	95.2	35 200*	33.8	110.8	38 700*	45.9	117.7	39 300*	55.6	121.2	38 100	60.0
62.0							29.4	107.4	36 900*	42.6	115.6	37 500*	52.8	119.7	36 400	62.0
64.0							24.4	103.3	35 200*	39.2	113.2	35 800*	49.9	118.0	34 800	64.0
66.0							18.0	97.9	33 500*	35.5	110.5	34 200*	46.9	116.2	33 400	66.0
68.0										31.3	107.3	32 700*	43.8	114.2	32 000	68.0
70.0										26.6	103.6	31 300*	40.4	111.9	30 600	70.0
72.0										20.9	98.8	29 900*	36.8	109.3	29 400	72.0
74.0										12.9	91.8	28 500*	32.8	106.3	28 200	74.0
76.0													28.3	102.8	27 100	76.0
78.0													23.1	98.4	25 900*	78.0
80.0													16.1	92.5	24 800*	80.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

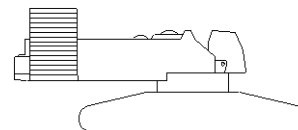
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	73.8	136.4	65 000*													22.9
24.0	72.5	136.0	65 000*													24.0
26.0	70.3	135.3	64 700*													26.0
28.0	68.0	134.5	64 200*	71.2	135.4	65 000*										28.0
30.0	65.8	133.6	63 700*	69.0	134.6	64 900*										30.0
32.0	63.4	132.6	63 200*	66.7	133.8	64 500*										32.0
34.0	61.0	131.6	61 500*	64.4	132.8	64 100*										34.0
36.0	58.6	130.3	59 700*	62.0	131.8	63 800*										36.0
38.0	56.1	129.0	57 900*	59.6	130.6	63 300*										38.0
40.0	53.5	127.6	56 100*	57.1	129.3	61 700*	65.5	132.3	63 600*							40.0
42.0	50.8	125.9	54 400*	54.6	127.9	59 400*	63.2	131.3	61 900*							42.0
44.0	48.0	124.2	52 700*	51.9	126.4	55 900*	60.8	130.2	58 100*							44.0
46.0	45.1	122.2	51 000*	49.2	124.7	52 700*	58.3	129.0	54 900*							46.0
48.0	42.0	120.1	48 000*	46.3	122.8	49 800*	55.8	127.6	51 900*							48.0
50.0	38.8	117.6	45 000*	43.3	120.7	47 100*	53.2	126.2	49 100*							50.0
52.0	35.2	114.9	42 300*	40.1	118.4	44 700*	50.5	124.5	46 600*	59.4	127.9	47 100*				52.0
54.0	31.3	111.7	39 800*	36.7	115.8	42 400*	47.7	122.7	44 300*	56.9	126.6	44 700*				54.0
56.0	26.9	108.0	37 500*	32.9	112.8	40 300*	44.8	120.8	42 100*	54.3	125.2	42 600*				56.0
58.0	21.6	103.3	35 300*	28.7	109.3	38 300*	41.7	118.6	40 100*	51.7	123.6	40 600*				58.0
60.0	14.5	96.8	32 500*	23.9	105.1	36 300*	38.4	116.1	38 300*	48.9	121.9	38 700*				60.0
62.0				17.7	99.6	34 200*	34.8	113.3	36 500*	46.1	120.0	36 900*	55.2	123.5	35 900	62.0
64.0				7.3	89.8	28 800*	30.8	110.1	34 800*	43.0	117.9	35 200*	52.6	122.0	34 300	64.0
66.0							26.3	106.3	33 200*	39.8	115.6	33 700*	49.9	120.3	32 900	66.0
68.0							20.9	101.5	31 700*	36.4	112.9	32 200*	47.1	118.5	31 500	68.0
70.0							13.4	94.6	30 200*	32.6	109.9	30 800*	44.1	116.5	30 200	70.0
72.0										28.3	106.4	29 500*	40.9	114.2	28 900*	72.0
74.0										23.4	102.1	28 200*	37.6	111.7	27 700*	74.0
76.0										17.0	96.4	26 900*	33.9	108.8	26 500*	76.0
78.0													29.9	105.5	25 400*	78.0
80.0													25.2	101.5	24 400*	80.0
82.0													19.5	96.4	23 300*	82.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

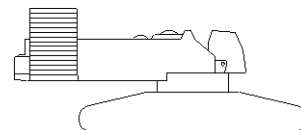
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.6	139.6	60 300*													22.9
24.0	73.5	139.2	60 100*													24.0
26.0	71.4	138.6	59 800*													26.0
28.0	69.3	137.8	59 500*	72.2	138.6	60 100*										28.0
30.0	67.1	137.0	59 100*	70.1	137.9	60 000*										30.0
32.0	64.9	136.1	58 700*	68.0	137.1	59 600*										32.0
34.0	62.7	135.0	58 200*	65.8	136.2	59 300*										34.0
36.0	60.4	133.9	56 600*	63.6	135.2	59 100*										36.0
38.0	58.1	132.7	55 100*	61.4	134.1	58 800*										38.0
40.0	55.7	131.3	53 500*	59.1	133.0	58 400*	66.9	135.6	58 600*							40.0
42.0	53.3	129.9	52 000*	56.7	131.7	57 000*	64.7	134.7	58 600*							42.0
44.0	50.7	128.2	50 400*	54.3	130.2	55 300*	62.5	133.7	57 400*							44.0
46.0	48.1	126.5	48 900*	51.8	128.7	52 300*	60.2	132.6	54 400*							46.0
48.0	45.3	124.5	47 400*	49.2	127.0	49 400*	57.9	131.3	51 400*							48.0
50.0	42.4	122.4	45 000*	46.5	125.1	46 800*	55.5	129.9	48 700*							50.0
52.0	39.4	120.0	42 200*	43.6	123.1	44 400*	53.0	128.5	46 200*	61.2	131.4	46 600*				52.0
54.0	36.1	117.3	39 700*	40.6	120.8	42 100*	50.4	126.8	43 900*	58.9	130.2	44 200*				54.0
56.0	32.5	114.3	37 500*	37.4	118.2	40 000*	47.8	125.0	41 800*	56.5	128.9	42 100*				56.0
58.0	28.5	110.8	35 300*	34.0	115.3	38 000*	45.0	123.1	39 700*	54.1	127.5	40 100*				58.0
60.0	23.8	106.5	33 300*	30.1	112.0	36 100*	42.1	120.9	37 900*	51.5	125.9	38 200*				60.0
62.0	18.0	101.1	31 500*	25.8	108.1	34 200*	39.0	118.5	36 100*	48.9	124.2	36 500*				62.0
64.0	9.0	92.1	26 000*	20.6	103.2	32 300*	35.7	115.8	34 400*	46.2	122.3	34 800*	54.9	125.8	34 000	64.0
66.0				13.4	96.3	29 700*	32.0	112.7	32 900*	43.4	120.3	33 200*	52.4	124.3	32 500	66.0
68.0							28.0	109.1	31 400*	40.3	118.0	31 800*	49.8	122.6	31 100*	68.0
70.0							23.2	104.8	30 000*	37.1	115.4	30 400*	47.2	120.8	29 800*	70.0
72.0							17.3	99.1	28 600*	33.6	112.5	29 100*	44.4	118.8	28 500*	72.0
74.0										29.8	109.1	27 900*	41.4	116.6	27 300*	74.0
76.0										25.4	105.1	26 600*	38.3	114.1	26 100*	76.0
78.0										20.0	100.1	25 500*	34.9	111.3	25 000*	78.0
80.0										12.6	92.9	24 300*	31.1	108.1	24 000*	80.0
82.0													26.9	104.4	23 000*	82.0
84.0													22.0	99.8	22 000*	84.0
86.0													15.6	93.6	21 000*	86.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

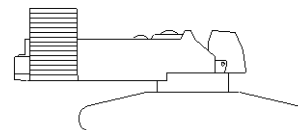
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	73.9	142.3	56 300*													24.4
26.0	72.3	141.8	56 200*													26.0
28.0	70.3	141.1	55 800*													28.0
30.0	68.3	140.3	55 500*	71.2	141.1	56 200*										30.0
32.0	66.3	139.4	55 200*	69.1	140.4	55 900*										32.0
34.0	64.2	138.5	54 800*	67.1	139.6	55 600*										34.0
36.0	62.1	137.4	54 000*	65.0	138.6	55 400*										36.0
38.0	59.9	136.3	52 600*	62.9	137.6	55 200*										38.0
40.0	57.7	135.0	51 200*	60.8	136.5	54 900*										40.0
42.0	55.4	133.6	49 800*	58.6	135.3	54 400*	66.0	138.1	54 700*							42.0
44.0	53.1	132.2	48 400*	56.3	134.0	53 100*	64.0	137.1	54 700*							44.0
46.0	50.6	130.6	47 000*	54.0	132.6	51 600*	61.8	136.1	54 000*							46.0
48.0	48.1	128.8	45 600*	51.6	131.0	49 000*	59.7	134.9	50 900*							48.0
50.0	45.5	126.8	44 300*	49.2	129.3	46 400*	57.4	133.6	48 100*							50.0
52.0	42.8	124.7	41 900*	46.6	127.4	43 900*	55.1	132.3	45 700*	62.7	134.9	45 900*				52.0
54.0	39.9	122.4	39 500*	43.9	125.4	41 600*	52.8	130.8	43 300*	60.6	133.8	43 600*				54.0
56.0	36.8	119.8	37 200*	41.1	123.1	39 500*	50.4	129.1	41 200*	58.4	132.6	41 500*				56.0
58.0	33.5	116.8	35 100*	38.1	120.6	37 600*	47.9	127.3	39 200*	56.1	131.3	39 500*				58.0
60.0	29.8	113.5	33 100*	34.9	117.8	35 800*	45.2	125.4	37 400*	53.8	129.8	37 600*				60.0
62.0	25.6	109.6	31 300*	31.3	114.7	34 000*	42.5	123.2	35 600*	51.4	128.2	35 900*				62.0
64.0	20.7	104.7	29 600*	27.4	111.0	32 100*	39.6	120.9	34 000*	48.9	126.5	34 200*	56.9	129.5	33 400*	64.0
66.0	14.1	98.0	27 200*	22.8	106.6	30 300*	36.4	118.2	32 400*	46.4	124.7	32 700*	54.6	128.1	31 900*	66.0
68.0				17.1	100.8	28 600*	33.1	115.3	30 900*	43.7	122.6	31 200*	52.2	126.6	30 500*	68.0
70.0				7.7	91.0	23 800*	29.4	111.9	29 500*	40.8	120.3	29 900*	49.8	124.9	29 100*	70.0
72.0							25.1	107.8	28 200*	37.8	117.8	28 600*	47.3	123.1	27 900*	72.0
74.0							20.1	102.8	26 900*	34.5	115.0	27 300*	44.6	121.1	26 700*	74.0
76.0							13.1	95.7	25 700*	31.0	111.8	26 200*	41.8	118.9	25 500*	76.0
78.0										27.0	108.0	25 000*	38.9	116.5	24 400*	78.0
80.0										22.4	103.5	24 000*	35.7	113.8	23 400*	80.0
82.0										16.5	97.6	22 800*	32.3	110.7	22 400*	82.0
84.0													28.4	107.2	21 500*	84.0
86.0													24.1	103.0	20 500*	86.0
88.0													18.7	97.7	19 600*	88.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

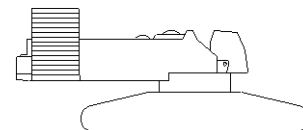
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	74.7	145.5	52 800*													24.4
26.0	73.2	145.0	52 700*													26.0
28.0	71.3	144.3	52 400*													28.0
30.0	69.4	143.6	52 100*													30.0
32.0	67.5	142.8	51 800*	70.2	143.7	52 500*										32.0
34.0	65.5	141.9	51 500*	68.3	142.9	52 200*										34.0
36.0	63.5	140.9	51 200*	66.3	142.0	52 000*										36.0
38.0	61.5	139.8	50 200*	64.3	141.1	51 800*										38.0
40.0	59.4	138.6	49 000*	62.3	140.0	51 600*										40.0
42.0	57.3	137.4	47 700*	60.2	138.9	51 300*										42.0
44.0	55.1	136.0	46 400*	58.1	137.6	50 800*	65.3	140.5	51 100*							44.0
46.0	52.9	134.5	45 100*	56.0	136.3	49 500*	63.3	139.5	51 100*							46.0
48.0	50.6	132.9	43 900*	53.8	134.9	48 300*	61.2	138.4	50 300*							48.0
50.0	48.2	131.1	42 700*	51.5	133.3	46 300*	59.2	137.2	48 000*							50.0
52.0	45.7	129.2	41 400*	49.2	131.6	43 800*	57.0	136.0	45 500*							52.0
54.0	43.1	127.1	39 500*	46.7	129.7	41 600*	54.9	134.6	43 200*	62.1	137.3	43 400*				54.0
56.0	40.4	124.8	37 200*	44.2	127.7	39 400*	52.6	133.1	41 100*	60.1	136.2	41 300*				56.0
58.0	37.5	122.2	35 100*	41.5	125.5	37 500*	50.3	131.4	39 100*	58.0	134.9	39 300*				58.0
60.0	34.4	119.4	33 100*	38.7	123.0	35 700*	47.9	129.6	37 200*	55.8	133.6	37 400*				60.0
62.0	31.0	116.2	31 300*	35.6	120.3	33 900*	45.4	127.7	35 500*	53.6	132.1	35 700*				62.0
64.0	27.2	112.4	29 600*	32.4	117.3	32 100*	42.8	125.6	33 800*	51.3	130.5	34 100*				64.0
66.0	22.8	108.0	28 000*	28.8	113.8	30 400*	40.1	123.2	32 300*	48.9	128.8	32 600*	56.5	131.9	31 700*	66.0
68.0	17.4	102.3	26 500*	24.7	109.7	28 700*	37.1	120.7	30 900*	46.5	126.9	31 100*	54.4	130.4	30 300*	68.0
70.0	9.1	93.2	22 100*	19.8	104.6	27 200*	34.0	117.8	29 500*	43.9	124.9	29 800*	52.1	128.9	29 000*	70.0
72.0				13.1	97.4	25 100*	30.6	114.5	28 200*	41.2	122.7	28 500*	49.8	127.2	27 700*	72.0
74.0							26.7	110.7	26 900*	38.4	120.2	27 200*	47.3	125.4	26 500*	74.0
76.0							22.3	106.2	25 700*	35.4	117.5	26 100*	44.8	123.4	25 400*	76.0
78.0							16.7	100.3	24 600*	32.1	114.4	25 000*	42.2	121.3	24 300*	78.0
80.0										28.4	110.8	23 900*	39.4	118.9	23 300*	80.0
82.0										24.3	106.7	22 900*	36.4	116.2	22 300*	82.0
84.0										19.3	101.4	21 900*	33.2	113.3	21 400*	84.0
86.0										12.4	94.0	20 800*	29.7	109.9	20 500*	86.0
88.0													25.8	106.0	19 600*	88.0
90.0													21.1	101.2	18 700*	90.0
92.0													15.1	94.8	17 900*	92.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

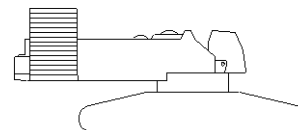
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.1	148.2	49 400*													25.9
26.0	74.0	148.2	49 400*													26.0
28.0	72.2	147.6	49 300*													28.0
30.0	70.4	146.8	48 900*													30.0
32.0	68.6	146.1	48 700*	71.1	146.9	49 200*										32.0
34.0	66.7	145.2	48 400*	69.3	146.2	49 100*										34.0
36.0	64.8	144.3	48 100*	67.5	145.3	48 700*										36.0
38.0	62.9	143.3	47 800*	65.6	144.4	48 600*										38.0
40.0	60.9	142.2	46 700*	63.7	143.4	48 400*										40.0
42.0	59.0	141.0	45 600*	61.7	142.4	48 200*										42.0
44.0	56.9	139.7	44 400*	59.8	141.2	48 000*	66.5	143.9	47 600*							44.0
46.0	54.8	138.3	43 300*	57.7	140.0	47 400*	64.6	142.9	47 600*							46.0
48.0	52.7	136.8	42 200*	55.7	138.6	46 200*	62.7	141.9	47 600*							48.0
50.0	50.5	135.1	41 000*	53.6	137.2	44 700*	60.7	140.8	47 100*							50.0
52.0	48.2	133.4	39 900*	51.4	135.6	43 000*	58.7	139.6	45 000*							52.0
54.0	45.9	131.5	38 700*	49.1	133.9	41 100*	56.7	138.3	42 600*							54.0
56.0	43.4	129.4	36 900*	46.8	132.0	39 000*	54.6	136.9	40 500*	61.6	139.7	40 700*				56.0
58.0	40.8	127.1	34 800*	44.4	130.0	37 100*	52.5	135.4	38 600*	59.6	138.5	38 600*				58.0
60.0	38.1	124.6	32 900*	41.9	127.8	35 200*	50.2	133.7	36 700*	57.6	137.3	36 800*				60.0
62.0	35.1	121.8	31 100*	39.2	125.4	33 600*	48.0	131.9	35 000*	55.5	135.9	35 100*				62.0
64.0	32.0	118.7	29 400*	36.4	122.8	31 800*	45.6	130.0	33 300*	53.4	134.4	33 500*				64.0
66.0	28.5	115.2	27 800*	33.3	119.8	30 100*	43.1	127.9	31 800*	51.2	132.8	31 900*				66.0
68.0	24.6	111.1	26 300*	30.0	116.5	28 500*	40.5	125.6	30 400*	48.9	131.1	30 500*	56.2	134.2	29 600*	68.0
70.0	19.9	106.0	24 900*	26.2	112.6	27 000*	37.7	123.1	29 000*	46.6	129.3	29 200*	54.1	132.8	28 300*	70.0
72.0	13.8	99.1	22 900*	21.9	108.0	25 500*	34.8	120.3	27 700*	44.2	127.2	27 900*	52.0	131.2	27 100*	72.0
74.0				16.5	102.0	24 100*	31.6	117.2	26 500*	41.6	125.0	26 700*	49.7	129.5	25 900*	74.0
76.0				8.0	92.1	19 900*	28.1	113.6	25 300*	38.9	122.6	25 500*	47.4	127.7	24 800*	76.0
78.0							24.1	109.3	24 200*	36.1	119.9	24 400*	45.0	125.8	23 700*	78.0
80.0							19.3	104.1	23 100*	33.0	116.9	23 400*	42.5	123.6	22 700*	80.0
82.0							12.9	96.8	22 000*	29.7	113.6	22 400*	39.9	121.3	21 700*	82.0
84.0										25.9	109.6	21 400*	37.1	118.7	20 800*	84.0
86.0										21.5	104.9	20 500*	34.1	115.8	19 900*	86.0
88.0										16.0	98.7	19 500*	30.8	112.6	19 000*	88.0
90.0													27.2	108.9	18 200*	90.0
92.0													23.1	104.4	17 400*	92.0
94.0													18.1	98.9	16 600*	94.0
96.0													10.8	90.7	15 800*	96.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

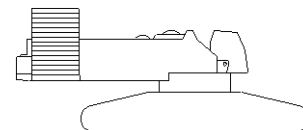
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.8	151.4	45 400*													25.9
26.0	74.7	151.4	45 400*													26.0
28.0	73.0	150.7	45 300*													28.0
30.0	71.3	150.1	45 100*													30.0
32.0	69.5	149.3	44 800*	72.0	150.1	45 100*										32.0
34.0	67.8	148.5	44 600*	70.2	149.4	45 000*										34.0
36.0	66.0	147.6	44 300*	68.5	148.6	44 900*										36.0
38.0	64.2	146.7	44 100*	66.7	147.8	44 600*										38.0
40.0	62.3	145.6	43 900*	64.9	146.9	44 500*										40.0
42.0	60.5	144.5	43 100*	63.1	145.9	44 300*										42.0
44.0	58.5	143.3	42 100*	61.2	144.8	44 100*										44.0
46.0	56.6	142.0	41 100*	59.3	143.6	43 900*	65.8	146.3	43 500*							46.0
48.0	54.6	140.6	40 100*	57.4	142.3	43 600*	64.0	145.4	43 500*							48.0
50.0	52.5	139.1	39 100*	55.4	140.9	42 400*	62.1	144.3	43 500*							50.0
52.0	50.4	137.4	38 100*	53.4	139.5	40 700*	60.2	143.2	43 500*							52.0
54.0	48.3	135.7	36 600*	51.3	137.9	39 200*	58.3	141.9	42 400*							54.0
56.0	46.0	133.8	35 100*	49.1	136.2	37 500*	56.4	140.6	40 100*							56.0
58.0	43.6	131.7	33 600*	46.9	134.3	36 000*	54.4	139.2	38 100*	61.0	142.1	38 200*				58.0
60.0	41.2	129.5	32 100*	44.6	132.3	34 500*	52.3	137.7	36 300*	59.1	140.9	36 400*				60.0
62.0	38.6	127.0	30 700*	42.2	130.2	33 000*	50.2	136.0	34 500*	57.2	139.6	34 600*				62.0
64.0	35.9	124.3	29 100*	39.7	127.8	31 500*	48.0	134.2	32 900*	55.2	138.2	33 000*				64.0
66.0	32.9	121.3	27 600*	37.0	125.2	29 900*	45.7	132.3	31 400*	53.2	136.7	31 500*				66.0
68.0	29.7	117.9	26 100*	34.1	122.3	28 200*	43.4	130.2	30 000*	51.1	135.1	30 100*				68.0
70.0	26.1	114.0	24 700*	31.0	119.1	26 700*	40.9	128.0	28 600*	48.9	133.4	28 700*	55.9	136.5	27 800*	70.0
72.0	22.0	109.4	23 400*	27.6	115.4	25 300*	38.3	125.5	27 300*	46.7	131.6	27 500*	53.9	135.1	26 600*	72.0
74.0	16.9	103.5	22 000*	23.7	111.1	24 000*	35.5	122.8	26 100*	44.4	129.6	26 200*	51.8	133.5	25 400*	74.0
76.0	9.2	94.3	18 100*	19.1	105.8	22 700*	32.6	119.7	25 000*	42.0	127.4	25 100*	49.7	131.8	24 300*	76.0
78.0				12.9	98.5	21 100*	29.3	116.3	23 800*	39.4	125.0	24 000*	47.5	130.0	23 300*	78.0
80.0							25.7	112.3	22 800*	36.7	122.4	23 000*	45.2	128.1	22 200*	80.0
82.0							21.5	107.6	21 800*	33.9	119.5	22 000*	42.8	125.9	21 300*	82.0
84.0							16.2	101.4	20 800*	30.7	116.2	21 000*	40.3	123.6	20 400*	84.0
86.0										27.3	112.5	20 100*	37.7	121.1	19 500*	86.0
88.0										23.4	108.1	19 200*	34.9	118.3	18 600*	88.0
90.0										18.6	102.7	18 300*	31.8	115.2	17 800*	90.0
92.0										12.2	95.1	17 500*	28.5	111.6	17 000*	92.0
94.0													24.8	107.5	16 300*	94.0
96.0													20.4	102.5	15 500*	96.0
98.0													14.7	95.9	14 800*	98.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



79.2m (260 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	74.2	154.1	42 500*													27.4
28.0	73.7	153.9	42 400*													28.0
30.0	72.1	153.3	42 300*													30.0
32.0	70.4	152.6	42 000*	72.8	153.3	42 200*										32.0
34.0	68.8	151.8	41 800*	71.1	152.7	42 100*										34.0
36.0	67.1	151.0	41 600*	69.4	151.9	42 100*										36.0
38.0	65.3	150.1	41 400*	67.7	151.1	41 800*										38.0
40.0	63.6	149.1	41 200*	66.0	150.2	41 600*										40.0
42.0	61.8	148.0	40 900*	64.3	149.3	41 500*										42.0
44.0	60.0	146.9	40 200*	62.5	148.2	41 300*										44.0
46.0	58.2	145.6	39 200*	60.7	147.1	41 100*	66.9	149.7	40 600*							46.0
48.0	56.3	144.3	38 300*	58.9	145.9	40 900*	65.1	148.7	40 600*							48.0
50.0	54.4	142.9	37 300*	57.0	144.6	39 900*	63.4	147.7	40 600*							50.0
52.0	52.4	141.4	35 800*	55.1	143.3	38 300*	61.6	146.7	40 600*							52.0
54.0	50.4	139.7	34 300*	53.2	141.8	36 700*	59.8	145.5	40 600*							54.0
56.0	48.3	138.0	32 800*	51.2	140.2	35 200*	58.0	144.3	39 600*							56.0
58.0	46.1	136.1	31 300*	49.1	138.5	33 700*	56.1	142.9	37 600*	62.4	145.5	37 600*				58.0
60.0	43.9	134.0	29 900*	47.0	136.6	32 100*	54.1	141.5	35 700*	60.6	144.4	35 700*				60.0
62.0	41.5	131.8	28 500*	44.8	134.7	30 700*	52.2	140.0	34 000*	58.7	143.2	34 000*				62.0
64.0	39.1	129.4	27 100*	42.5	132.5	29 300*	50.1	138.3	32 400*	56.9	141.9	32 400*				64.0
66.0	36.5	126.8	25 800*	40.1	130.2	27 900*	48.0	136.6	30 900*	55.0	140.5	30 900*				66.0
68.0	33.7	123.8	24 600*	37.6	127.6	26 500*	45.9	134.6	29 500*	53.0	139.1	29 500*				68.0
70.0	30.7	120.6	23 300*	34.9	124.8	25 200*	43.6	132.6	28 100*	51.0	137.4	28 100*				70.0
72.0	27.4	116.9	22 100*	32.0	121.7	24 000*	41.3	130.3	26 800*	48.9	135.7	26 900*	55.6	138.8	25 900*	72.0
74.0	23.7	112.6	21 000*	28.8	118.2	22 800*	38.8	127.9	25 600*	46.8	133.9	25 700*	53.7	137.4	24 800*	74.0
76.0	19.3	107.3	20 000*	25.3	114.2	21 600*	36.2	125.2	24 500*	44.6	131.9	24 600*	51.7	135.8	23 600*	76.0
78.0	13.5	100.2	18 700*	21.2	109.3	20 500*	33.4	122.3	23 400*	42.3	129.7	23 500*	49.7	134.1	22 600*	78.0
80.0				16.1	103.2	19 500*	30.4	119.0	22 300*	39.9	127.4	22 400*	47.6	132.3	21 600*	80.0
82.0				8.2	93.3	16 500*	27.0	115.2	21 300*	37.3	124.8	21 500*	45.4	130.4	20 700*	82.0
84.0							23.2	110.8	20 400*	34.6	122.0	20 500*	43.1	128.3	19 700*	84.0
86.0							18.7	105.4	19 400*	31.7	118.8	19 600*	40.7	126.0	18 900*	86.0
88.0							12.7	97.9	18 500*	28.5	115.3	18 800*	38.2	123.5	18 100*	88.0
90.0										24.9	111.2	17 900*	35.6	120.8	17 200*	90.0
92.0										20.8	106.2	17 100*	32.7	117.7	16 500*	92.0
94.0										15.5	99.9	16 300*	29.6	114.3	15 700*	94.0
96.0										7.0	89.2	15 400*	26.2	110.5	15 000*	96.0
98.0													22.3	105.9	14 300*	98.0
100.0													17.5	100.1	13 600*	100.0
102.0													10.8	91.8	12 900*	102.0

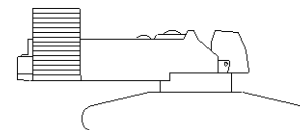


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

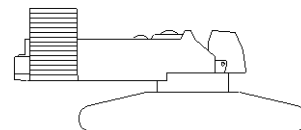
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	69.6	109.7	123 300*b													15.2
16.0	67.4	109.4	122 300*b													16.0
18.0	61.3	108.3	119 500*b													18.0
20.0	54.8	107.0	113 800*	64.5	108.7	118 900*b										20.0
22.0	47.7	105.2	107 300*	58.2	107.5	112 500*b										22.0
24.0	39.5	102.9	101 000*	51.4	105.9	106 200*										24.0
26.0	29.4	99.8	94 800*	43.8	104.0	100 100*										26.0
28.0				34.9	101.3	94 100*	62.9	107.3	100 600*b							28.0
30.0				22.9	97.3	87 900*	56.5	106.1	92 700*							30.0
32.0							49.6	104.4	85 800*							32.0
34.0							41.8	102.3	79 600*							34.0
36.0							32.3	99.4	74 100*							36.0
38.0							18.6	94.7	69 000*							38.0
40.0										54.4	103.9	70 900*				40.0
42.0										47.2	102.1	66 600*				42.0
44.0										39.0	99.8	62 600*				44.0
46.0										28.7	96.5	58 800*				46.0
48.0													51.6	100.9	55 500*	48.0
50.0													44.1	98.9	52 500*	50.0
52.0													35.2	96.3	49 700*	52.0
													23.4	92.3	47 000*	52.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

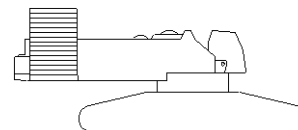
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	72.3	113.0	115 600*b													15.2
16.0	70.4	112.7	114 700*b													16.0
18.0	65.2	111.8	112 300*b													18.0
20.0	59.8	110.7	109 700*	67.9	112.1	114 000*b										20.0
22.0	54.1	109.3	104 700*	62.6	111.1	109 200*b										22.0
24.0	47.9	107.5	98 900*	57.1	109.8	103 500*										24.0
26.0	40.9	105.3	93 500*	51.1	108.2	98 000*										26.0
28.0	32.6	102.4	88 300*	44.5	106.3	92 700*										28.0
30.0	21.4	98.1	83 000*	37.0	103.8	87 600*	61.2	109.7	92 200*							30.0
32.0				27.7	100.4	81 400*	55.6	108.4	85 300*							32.0
34.0							49.5	106.7	79 200*							34.0
36.0							42.8	104.7	73 900*							36.0
38.0							34.9	102.0	69 000*							38.0
40.0							24.8	98.2	64 500*	53.7	106.2	66 000*				40.0
42.0										47.5	104.4	62 100*				42.0
44.0										40.4	102.2	58 500*				44.0
46.0										32.1	99.2	55 100*				46.0
48.0										20.6	94.8	51 900*	51.3	103.2	51 900*	48.0
50.0													44.8	101.2	49 200*	50.0
52.0													37.3	98.7	46 700*	52.0
54.0													28.0	95.4	44 200*	54.0
56.0													13.2	89.4	41 800*	56.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

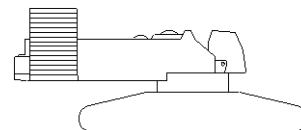
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.3	116.2	108 400*													15.2
16.0	72.7	116.0	107 700*													16.0
18.0	68.2	115.2	105 800*													18.0
20.0	63.5	114.2	103 500*	70.5	115.4	107 300*										20.0
22.0	58.7	113.0	101 100*	65.9	114.5	105 100*										22.0
24.0	53.5	111.6	96 800*	61.2	113.4	100 800*										24.0
26.0	48.0	109.8	91 800*	56.2	112.1	95 700*										26.0
28.0	41.9	107.7	87 000*	50.9	110.5	91 000*										28.0
30.0	34.8	105.0	82 400*	45.1	108.6	86 300*	64.7	113.2	91 800*							30.0
32.0	26.1	101.3	77 900*	38.6	106.2	81 600*	59.9	112.1	84 900*							32.0
34.0				30.9	103.1	75 600*	54.9	110.7	79 000*							34.0
36.0				20.5	98.6	70 200*	49.5	109.0	73 700*							36.0
38.0							43.5	107.0	68 900*							38.0
40.0							36.8	104.4	64 600*	58.4	109.9	65 600*				40.0
42.0							28.6	101.1	60 600*	53.2	108.5	61 700*				42.0
44.0							16.9	95.9	56 800*	47.7	106.7	58 200*				44.0
46.0										41.5	104.5	55 000*				46.0
48.0										34.4	101.8	51 900*				48.0
50.0										25.5	98.1	49 100*	51.0	105.4	48 900*	50.0
52.0													45.3	103.5	46 400*	52.0
54.0													38.8	101.2	44 100*	54.0
56.0													31.1	98.1	41 900*	56.0
58.0													20.9	93.7	39 700*	58.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	73.0	118.9	100 500*													16.8
18.0	70.5	118.5	99 400*													18.0
20.0	66.4	117.6	97 500*	72.5	118.6	100 600*										20.0
22.0	62.2	116.6	95 600*	68.5	117.8	99 300*										22.0
24.0	57.7	115.4	93 500*	64.3	116.9	97 300*										24.0
26.0	53.1	113.9	89 500*	60.0	115.8	93 100*										26.0
28.0	48.1	112.2	85 200*	55.5	114.4	88 700*										28.0
30.0	42.6	110.1	81 000*	50.7	112.8	84 500*										30.0
32.0	36.5	107.5	77 000*	45.5	110.9	80 400*	63.3	115.6	84 300*							32.0
34.0	29.3	104.2	73 000*	39.7	108.6	75 500*	58.9	114.4	78 400*							34.0
36.0	19.5	99.4	68 300*	33.2	105.7	70 200*	54.3	113.0	73 100*							36.0
38.0				25.0	101.9	65 500*	49.4	111.3	68 400*							38.0
40.0							44.1	109.3	64 200*	61.9	113.5	64 900*				40.0
42.0							38.2	106.9	60 300*	57.5	112.3	61 100*				42.0
44.0							31.3	103.8	56 700*	52.8	110.8	57 600*				44.0
46.0							22.5	99.6	53 400*	47.8	109.0	54 400*				46.0
48.0										42.3	106.9	51 500*				48.0
50.0										36.2	104.3	48 800*				50.0
52.0										28.8	100.9	46 200*	50.8	107.7	45 700*	52.0
54.0										18.8	96.0	43 700*	45.7	105.9	43 500*	54.0
56.0													39.9	103.6	41 400*	56.0
58.0													33.4	100.7	39 300*	58.0
60.0													25.3	96.9	37 400*	60.0
62.0													12.6	90.5	35 400*	62.0

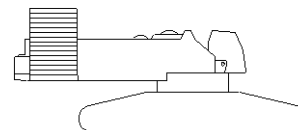


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 30.5m Mast No. 56
 239 500 kg Crane Counterweight
 145 150 kg Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

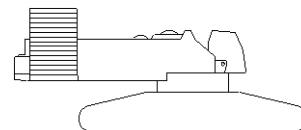
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.6	122.1	93 800*b													16.8
18.0	72.3	121.7	93 000*b													18.0
20.0	68.7	121.0	91 500*													20.0
22.0	64.9	120.1	89 900*	70.5	121.1	92 800*b										22.0
24.0	61.0	119.0	88 300*	66.8	120.3	91 500*										24.0
26.0	57.0	117.7	86 600*	63.0	119.3	90 000*										26.0
28.0	52.7	116.2	83 000*	59.1	118.1	86 200*										28.0
30.0	48.2	114.4	79 200*	54.9	116.7	82 300*										30.0
32.0	43.3	112.4	75 600*	50.5	115.1	78 600*	65.9	119.0	83 900*							32.0
34.0	37.8	109.9	72 000*	45.8	113.2	74 900*	62.0	117.9	78 000*							34.0
36.0	31.6	106.9	68 300*	40.7	111.0	70 200*	58.0	116.7	72 700*							36.0
38.0	23.9	102.8	63 800*	34.9	108.3	65 500*	53.8	115.3	68 100*							38.0
40.0				28.1	104.8	61 300*	49.4	113.6	63 900*							40.0
42.0				18.9	99.8	57 400*	44.6	111.7	60 100*	60.8	115.9	60 600*				42.0
44.0							39.3	109.3	56 600*	56.7	114.6	57 200*				44.0
46.0							33.3	106.4	53 400*	52.5	113.1	54 000*				46.0
48.0							26.1	102.7	50 400*	47.9	111.3	51 100*				48.0
50.0							15.8	97.0	47 500*	43.0	109.2	48 400*				50.0
52.0										37.5	106.7	46 000*	55.0	111.7	45 300*	52.0
54.0										31.2	103.7	43 700*	50.7	110.1	43 000*	54.0
56.0										23.3	99.5	41 400*	46.0	108.2	41 000*	56.0
58.0													40.9	105.9	39 000*	58.0
60.0													35.1	103.2	37 200*	60.0
62.0													28.3	99.8	35 400*	62.0
64.0													19.3	94.9	33 700*	64.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

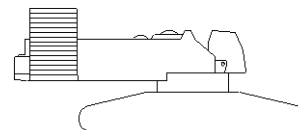
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	73.4	124.8	87 200*													18.3
20.0	70.5	124.2	86 100*													20.0
22.0	67.2	123.4	84 800*													22.0
24.0	63.7	122.4	83 400*	68.9	123.6	86 100*										24.0
26.0	60.1	121.3	82 000*	65.5	122.7	84 900*										26.0
28.0	56.3	120.0	80 400*	61.9	121.7	83 500*										28.0
30.0	52.4	118.5	77 400*	58.2	120.4	80 200*										30.0
32.0	48.2	116.7	74 000*	54.4	119.1	76 700*	68.0	122.3	82 100*							32.0
34.0	43.8	114.7	70 700*	50.4	117.4	73 500*	64.6	121.4	77 400*							34.0
36.0	38.9	112.3	67 600*	46.1	115.6	69 800*	61.0	120.3	72 100*							36.0
38.0	33.4	109.5	63 700*	41.5	113.4	65 200*	57.3	119.1	67 500*							38.0
40.0	26.9	105.8	59 500*	36.3	110.7	61 100*	53.4	117.6	63 300*							40.0
42.0	18.2	100.7	55 700*	30.4	107.6	57 300*	49.3	115.9	59 500*							42.0
44.0				23.1	103.3	53 800*	45.0	114.0	56 100*	59.9	118.2	56 500*				44.0
46.0							40.2	111.7	53 000*	56.1	116.9	53 400*				46.0
48.0							34.9	108.9	50 000*	52.2	115.4	50 500*				48.0
50.0							28.7	105.5	47 300*	48.0	113.6	47 900*				50.0
52.0							20.8	100.9	44 800*	43.5	111.6	45 400*				52.0
54.0										38.6	109.2	43 100*	54.5	114.0	42 400*	54.0
56.0										33.1	106.2	41 000*	50.5	112.3	40 300*	56.0
58.0										26.5	102.5	39 000*	46.2	110.5	38 400*	58.0
60.0										17.6	97.2	37 000*	41.6	108.3	36 600*	60.0
62.0													36.5	105.7	34 900*	62.0
64.0													30.6	102.5	33 200*	64.0
66.0													23.3	98.3	31 700*	66.0
68.0													12.2	91.5	30 100*	68.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

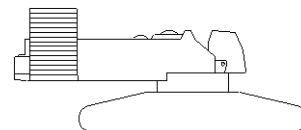
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.7	128.0	82 000*													18.3
20.0	72.1	127.5	81 100*													20.0
22.0	69.0	126.7	80 000*													22.0
24.0	65.9	125.8	78 800*	70.6	126.9	81 100*										24.0
26.0	62.6	124.8	77 600*	67.5	126.1	80 100*										26.0
28.0	59.3	123.7	76 400*	64.3	125.1	79 200*										28.0
30.0	55.8	122.3	74 500*	61.0	124.0	77 700*										30.0
32.0	52.1	120.8	71 800*	57.6	122.8	74 900*										32.0
34.0	48.3	119.1	69 300*	54.0	121.4	71 800*	66.7	124.8	76 400*							34.0
36.0	44.2	117.1	66 400*	50.3	119.7	68 900*	63.4	123.8	72 200*							36.0
38.0	39.8	114.7	63 600*	46.3	117.9	65 300*	60.1	122.7	67 500*							38.0
40.0	34.9	112.0	59 800*	42.1	115.7	61 200*	56.7	121.4	63 300*							40.0
42.0	29.2	108.6	56 100*	37.4	113.2	57 500*	53.1	119.9	59 500*							42.0
44.0	22.2	104.2	52 700*	32.2	110.2	54 100*	49.3	118.2	56 100*							44.0
46.0				26.0	106.4	51 000*	45.3	116.3	53 000*	59.1	120.6	53 300*				46.0
48.0				17.8	101.1	48 000*	41.0	114.1	50 100*	55.6	119.2	50 500*				48.0
50.0							36.2	111.4	47 500*	51.9	117.7	47 800*				50.0
52.0							30.7	108.2	45 000*	48.1	115.9	45 400*				52.0
54.0							24.2	104.2	42 600*	44.0	113.9	43 200*				54.0
56.0							15.0	98.1	40 400*	39.5	111.6	41 100*	54.1	116.3	40 200*	56.0
58.0										34.6	108.8	39 100*	50.4	114.7	38 300*	58.0
60.0										28.8	105.4	37 200*	46.5	112.8	36 600*	60.0
62.0										21.7	100.9	35 400*	42.2	110.7	34 900*	62.0
64.0										10.4	93.3	33 600*	37.6	108.2	33 300*	64.0
66.0													32.4	105.2	31 800*	66.0
68.0													26.2	101.4	30 300*	68.0
70.0													18.1	96.1	28 900*	70.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

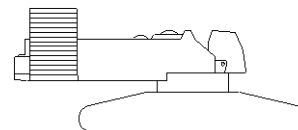
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	73.7	130.8	76 300*													19.8
20.0	73.4	130.7	76 300*													20.0
22.0	70.6	130.0	75 400*													22.0
24.0	67.7	129.2	74 400*													24.0
26.0	64.7	128.3	73 300*	69.2	129.4	75 400*										26.0
28.0	61.7	127.2	72 300*	66.2	128.5	74 800*										28.0
30.0	58.6	126.0	70 900*	63.2	127.5	73 700*										30.0
32.0	55.3	124.6	68 500*	60.2	126.4	72 800*										32.0
34.0	51.9	123.1	66 300*	57.0	125.1	70 100*										34.0
36.0	48.4	121.4	64 000*	53.7	123.7	67 300*	65.5	127.2	71 100*							36.0
38.0	44.6	119.4	61 900*	50.2	122.0	64 700*	62.5	126.2	66 900*							38.0
40.0	40.5	117.1	59 600*	46.5	120.2	60 800*	59.4	125.0	62 700*							40.0
42.0	36.1	114.5	55 900*	42.6	118.1	57 100*	56.1	123.7	59 000*							42.0
44.0	31.0	111.3	52 500*	38.4	115.6	53 800*	52.8	122.2	55 600*							44.0
46.0	25.1	107.3	49 400*	33.7	112.7	50 700*	49.3	120.5	52 500*	61.5	124.1	52 600*				46.0
48.0	17.2	101.8	46 500*	28.3	109.2	47 800*	45.6	118.6	49 700*	58.4	122.9	49 800*				48.0
50.0				21.6	104.7	45 200*	41.6	116.4	47 000*	55.1	121.5	47 200*				50.0
52.0							37.2	113.9	44 600*	51.7	120.0	44 800*				52.0
54.0							32.4	110.9	42 300*	48.1	118.2	42 600*				54.0
56.0							26.7	107.2	40 200*	44.3	116.2	40 500*				56.0
58.0							19.6	102.2	38 100*	40.3	113.9	38 600*	53.8	118.6	37 700*	58.0
60.0										35.8	111.3	36 700*	50.3	116.9	35 900*	60.0
62.0										30.7	108.1	35 000*	46.6	115.1	34 300*	62.0
64.0										24.7	104.1	33 400*	42.7	113.0	32 700*	64.0
66.0										16.7	98.4	31 800*	38.5	110.6	31 200*	66.0
68.0													33.8	107.7	29 900*	68.0
70.0													28.5	104.2	28 500*	70.0
72.0													21.8	99.7	27 200*	72.0
74.0													11.9	92.6	25 800*	74.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

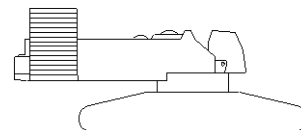
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.8	133.9	71 200*													19.8
20.0	74.6	133.9	71 100*													20.0
22.0	71.9	133.2	70 500*													22.0
24.0	69.3	132.5	69 700*													24.0
26.0	66.5	131.6	68 900*	70.6	132.6	70 600*										26.0
28.0	63.7	130.7	68 000*	67.9	131.9	70 100*										28.0
30.0	60.9	129.6	67 100*	65.2	130.9	69 200*										30.0
32.0	57.9	128.3	65 400*	62.4	129.9	68 400*										32.0
34.0	54.9	126.9	63 300*	59.5	128.7	67 600*										34.0
36.0	51.7	125.4	61 200*	56.5	127.4	65 900*										36.0
38.0	48.4	123.7	59 300*	53.4	126.0	63 300*	64.5	129.6	66 300*							38.0
40.0	44.9	121.7	57 400*	50.1	124.3	60 600*	61.6	128.6	62 300*							40.0
42.0	41.1	119.5	55 300*	46.7	122.5	56 800*	58.7	127.4	58 600*							42.0
44.0	37.1	116.9	52 400*	43.1	120.4	53 500*	55.7	126.0	55 200*							44.0
46.0	32.5	113.9	49 300*	39.2	118.0	50 400*	52.5	124.5	52 100*							46.0
48.0	27.3	110.3	46 500*	34.9	115.2	47 600*	49.3	122.8	49 200*	60.7	126.5	49 300*				48.0
50.0	20.9	105.6	43 900*	30.1	112.0	45 000*	45.8	120.9	46 700*	57.8	125.2	46 800*				50.0
52.0				24.4	107.9	42 600*	42.1	118.7	44 200*	54.7	123.8	44 400*				52.0
54.0				16.9	102.3	40 300*	38.1	116.3	42 000*	51.5	122.3	42 100*				54.0
56.0							33.8	113.4	39 900*	48.2	120.5	40 100*				56.0
58.0							28.8	110.0	37 900*	44.7	118.6	38 200*	56.6	122.3	37 200*	58.0
60.0							22.7	105.6	36 100*	40.9	116.3	36 400*	53.5	120.9	35 400*	60.0
62.0							14.4	99.2	34 200*	36.8	113.7	34 700*	50.2	119.2	33 800*	62.0
64.0										32.3	110.7	33 100*	46.8	117.4	32 300*	64.0
66.0										27.0	107.0	31 500*	43.2	115.3	30 800*	66.0
68.0										20.5	102.2	30 100*	39.3	112.9	29 400*	68.0
70.0										10.3	94.4	28 600*	35.0	110.2	28 100*	70.0
72.0													30.3	106.9	26 900*	72.0
74.0													24.6	102.9	25 700*	74.0
76.0													17.2	97.3	24 500*	76.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

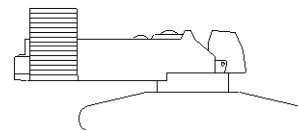
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	73.9	136.7	66 200*													21.3
22.0	73.1	136.5	66 000*													22.0
24.0	70.6	135.8	65 400*													24.0
26.0	68.1	135.0	64 700*	71.9	135.9	66 000*										26.0
28.0	65.5	134.1	64 000*	69.4	135.1	65 600*										28.0
30.0	62.9	133.1	63 300*	66.8	134.3	65 000*										30.0
32.0	60.2	131.9	62 300*	64.2	133.4	64 400*										32.0
34.0	57.4	130.7	60 400*	61.6	132.3	63 700*										34.0
36.0	54.5	129.3	58 500*	58.8	131.1	63 000*										36.0
38.0	51.5	127.7	56 700*	56.0	129.7	61 200*	66.2	133.0	64 400*							38.0
40.0	48.4	126.0	55 000*	53.1	128.3	59 000*	63.6	132.0	61 700*							40.0
42.0	45.2	124.0	53 200*	50.0	126.6	56 500*	60.9	130.9	57 900*							42.0
44.0	41.7	121.8	51 600*	46.8	124.8	53 100*	58.1	129.7	54 600*							44.0
46.0	37.9	119.3	49 000*	43.5	122.7	50 000*	55.3	128.3	51 500*							46.0
48.0	33.8	116.4	46 200*	39.9	120.4	47 300*	52.3	126.8	48 700*							48.0
50.0	29.2	113.0	43 700*	35.9	117.7	44 700*	49.2	125.1	46 100*	60.0	128.8	46 100*				50.0
52.0	23.7	108.8	41 300*	31.6	114.6	42 300*	46.0	123.2	43 700*	57.2	127.6	43 700*				52.0
54.0	16.5	103.0	39 000*	26.6	110.9	40 100*	42.6	121.1	41 500*	54.4	126.2	41 500*				54.0
56.0				20.5	106.0	38 000*	38.9	118.7	39 400*	51.4	124.6	39 500*				56.0
58.0							34.9	115.9	37 500*	48.3	122.8	37 600*				58.0
60.0							30.4	112.7	35 700*	45.0	120.9	35 800*	56.1	124.7	34 700*	60.0
62.0							25.2	108.7	34 000*	41.5	118.7	34 100*	53.2	123.2	33 100*	62.0
64.0							18.6	103.4	32 300*	37.7	116.1	32 600*	50.1	121.5	31 600*	64.0
66.0										33.5	113.2	31 100*	46.9	119.7	30 200*	66.0
68.0										28.9	109.8	29 600*	43.6	117.7	28 800*	68.0
70.0										23.3	105.5	28 300*	40.0	115.3	27 500*	70.0
72.0										15.9	99.6	27 000*	36.1	112.7	26 400*	72.0
74.0													31.7	109.6	25 200*	74.0
76.0													26.8	105.8	24 100*	76.0
78.0													20.7	101.1	22 900*	78.0
80.0													11.7	93.7	21 800*	80.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

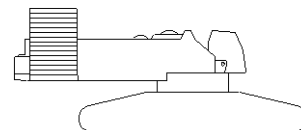
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.9	139.9	62 600*													21.3
22.0	74.1	139.7	62 400*													22.0
24.0	71.8	139.0	62 000*													24.0
26.0	69.4	138.3	61 400*													26.0
28.0	67.1	137.4	60 700*	70.7	138.4	62 100*										28.0
30.0	64.6	136.5	60 100*	68.3	137.6	61 600*										30.0
32.0	62.1	135.4	59 500*	65.9	136.7	61 000*										32.0
34.0	59.6	134.3	57 800*	63.4	135.7	60 500*										34.0
36.0	56.9	133.0	56 100*	60.9	134.6	60 000*										36.0
38.0	54.2	131.6	54 400*	58.3	133.4	59 400*										38.0
40.0	51.4	130.0	52 800*	55.6	132.1	57 900*	65.2	135.4	60 600*							40.0
42.0	48.5	128.3	51 200*	52.8	130.6	56 000*	62.8	134.4	58 000*							42.0
44.0	45.4	126.3	49 600*	50.0	128.9	53 100*	60.2	133.3	54 500*							44.0
46.0	42.1	124.2	48 100*	47.0	127.1	50 000*	57.6	132.0	51 400*							46.0
48.0	38.7	121.7	46 400*	43.8	125.1	47 200*	54.9	130.6	48 600*							48.0
50.0	34.9	118.9	43 700*	40.5	122.8	44 700*	52.1	129.1	46 000*							50.0
52.0	30.7	115.7	41 400*	36.8	120.2	42 300*	49.2	127.4	43 600*	59.4	131.2	43 600*				52.0
54.0	25.8	111.8	39 200*	32.9	117.2	40 200*	46.2	125.5	41 500*	56.8	129.9	41 400*				54.0
56.0	19.9	106.9	37 100*	28.4	113.7	38 100*	43.0	123.4	39 400*	54.1	128.5	39 400*				56.0
58.0				23.1	109.3	36 200*	39.6	121.1	37 500*	51.2	126.9	37 500*				58.0
60.0				16.2	103.4	34 300*	35.9	118.4	35 700*	48.3	125.1	35 700*				60.0
62.0							31.8	115.3	34 000*	45.2	123.2	34 100*	55.7	127.0	33 000*	62.0
64.0							27.2	111.6	32 400*	41.9	121.0	32 500*	52.9	125.5	31 500*	64.0
66.0							21.6	107.0	30 800*	38.4	118.6	31 000*	50.1	123.8	30 100*	66.0
68.0							13.9	100.3	29 300*	34.6	115.8	29 600*	47.1	122.0	28 700*	68.0
70.0										30.4	112.5	28 300*	43.9	120.0	27 500*	70.0
72.0										25.5	108.6	27 000*	40.6	117.7	26 300*	72.0
74.0										19.5	103.5	25 800*	37.0	115.1	25 100*	74.0
76.0										10.3	95.4	24 500*	33.0	112.2	24 000*	76.0
78.0													28.5	108.7	23 000*	78.0
80.0													23.3	104.4	21 900*	80.0
82.0													16.5	98.5	20 900*	82.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

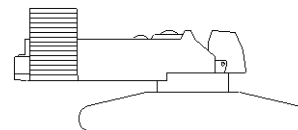
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.1	142.6	58 300*													22.9
24.0	72.9	142.2	58 100*													24.0
26.0	70.6	141.5	57 600*													26.0
28.0	68.4	140.7	57 100*	71.8	141.6	58 000*										28.0
30.0	66.1	139.9	56 500*	69.5	140.9	57 700*										30.0
32.0	63.8	138.9	56 000*	67.3	140.1	57 300*										32.0
34.0	61.4	137.8	55 100*	65.0	139.2	56 900*										34.0
36.0	59.0	136.6	53 600*	62.6	138.1	56 400*										36.0
38.0	56.5	135.3	52 100*	60.2	137.0	55 900*										38.0
40.0	53.9	133.9	50 500*	57.8	135.8	55 300*	66.7	138.8	56 800*							40.0
42.0	51.3	132.3	49 000*	55.2	134.4	53 800*	64.4	137.8	56 400*							42.0
44.0	48.5	130.6	47 600*	52.6	132.9	52 300*	62.0	136.8	54 000*							44.0
46.0	45.6	128.6	46 200*	49.9	131.2	49 600*	59.6	135.6	50 800*							46.0
48.0	42.5	126.5	44 800*	47.1	129.4	46 800*	57.1	134.4	48 000*							48.0
50.0	39.3	124.1	43 300*	44.1	127.4	44 300*	54.6	132.9	45 500*							50.0
52.0	35.8	121.4	41 100*	41.0	125.1	41 900*	52.0	131.4	43 100*	61.3	134.7	42 900*				52.0
54.0	32.0	118.3	38 900*	37.6	122.6	39 800*	49.2	129.7	40 900*	58.9	133.5	40 800*				54.0
56.0	27.6	114.7	36 900*	34.0	119.7	37 700*	46.4	127.8	38 900*	56.4	132.2	38 700*				56.0
58.0	22.5	110.2	35 000*	29.9	116.4	35 800*	43.3	125.8	37 000*	53.8	130.8	36 800*				58.0
60.0	15.8	104.2	32 800*	25.2	112.4	34 000*	40.2	123.4	35 200*	51.1	129.2	35 100*				60.0
62.0				19.5	107.3	32 300*	36.7	120.8	33 500*	48.3	127.4	33 400*				62.0
64.0				11.1	99.5	30 600*	33.0	117.9	32 000*	45.4	125.5	31 900*	55.3	129.3	30 800*	64.0
66.0							28.8	114.4	30 500*	42.4	123.3	30 500*	52.7	127.8	29 400*	66.0
68.0							23.9	110.2	29 000*	39.1	120.9	29 100*	50.0	126.1	28 100*	68.0
70.0							17.8	104.7	27 600*	35.6	118.2	27 800*	47.2	124.3	26 800*	70.0
72.0										31.7	115.1	26 500*	44.2	122.3	25 600*	72.0
74.0										27.4	111.5	25 300*	41.1	120.1	24 500*	74.0
76.0										22.2	106.9	24 200*	37.7	117.5	23 500*	76.0
78.0										15.4	100.7	23 100*	34.1	114.7	22 400*	78.0
80.0													30.0	111.4	21 400*	80.0
82.0													25.4	107.4	20 500*	82.0
84.0													19.7	102.4	19 600*	84.0
86.0													11.5	94.7	18 600*	86.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

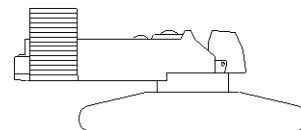
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	75.0	145.8	54 100*													22.9
24.0	73.8	145.4	53 900*													24.0
26.0	71.7	144.8	53 600*													26.0
28.0	69.6	144.0	53 200*													28.0
30.0	67.5	143.2	52 800*	70.7	144.2	53 700*										30.0
32.0	65.3	142.3	52 300*	68.6	143.4	53 400*										32.0
34.0	63.1	141.3	51 900*	66.4	142.5	53 000*										34.0
36.0	60.8	140.2	51 000*	64.2	141.6	52 700*										36.0
38.0	58.5	139.0	49 600*	62.0	140.5	52 300*										38.0
40.0	56.1	137.6	48 200*	59.7	139.4	51 900*										40.0
42.0	53.7	136.2	46 900*	57.3	138.1	51 300*	65.8	141.2	52 500*							42.0
44.0	51.1	134.6	45 500*	54.9	136.7	49 900*	63.6	140.2	52 400*							44.0
46.0	48.5	132.9	44 300*	52.4	135.2	48 600*	61.4	139.2	50 400*							46.0
48.0	45.8	130.9	43 000*	49.9	133.5	46 500*	59.1	138.0	47 600*							48.0
50.0	42.9	128.8	41 800*	47.2	131.7	43 900*	56.7	136.7	45 000*							50.0
52.0	39.9	126.5	40 600*	44.4	129.7	41 600*	54.3	135.3	42 700*							52.0
54.0	36.6	123.9	38 700*	41.4	127.5	39 400*	51.8	133.7	40 500*	60.7	137.1	40 200*				54.0
56.0	33.1	120.9	36 600*	38.3	125.0	37 400*	49.2	132.0	38 500*	58.4	135.9	38 200*				56.0
58.0	29.1	117.5	34 800*	34.9	122.2	35 500*	46.5	130.1	36 600*	56.0	134.5	36 400*				58.0
60.0	24.6	113.4	33 000*	31.2	119.0	33 800*	43.7	128.1	34 800*	53.5	133.1	34 600*				60.0
62.0	19.1	108.2	31 300*	27.0	115.3	32 100*	40.7	125.8	33 200*	51.0	131.5	33 000*				62.0
64.0	11.0	100.2	27 800*	22.1	110.7	30 500*	37.5	123.3	31 600*	48.4	129.7	31 500*	57.4	133.0	30 300*	64.0
66.0				15.7	104.6	29 000*	34.0	120.4	30 100*	45.6	127.8	30 000*	55.0	131.6	28 900*	66.0
68.0							30.2	117.1	28 700*	42.7	125.7	28 700*	52.5	130.1	27 600*	68.0
70.0							25.8	113.2	27 400*	39.7	123.3	27 400*	50.0	128.4	26 300*	70.0
72.0							20.6	108.3	26 100*	36.4	120.7	26 200*	47.3	126.6	25 200*	72.0
74.0							13.5	101.4	24 800*	32.8	117.7	25 000*	44.5	124.6	24 100*	74.0
76.0										28.9	114.2	23 900*	41.5	122.4	23 000*	76.0
78.0										24.3	110.1	22 800*	38.4	119.9	22 000*	78.0
80.0										18.7	104.8	21 700*	35.0	117.2	21 000*	80.0
82.0										10.3	96.5	20 700*	31.3	114.0	20 100*	82.0
84.0													27.1	110.3	19 200*	84.0
86.0													22.2	105.8	18 300*	86.0
88.0													15.9	99.7	17 400*	88.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

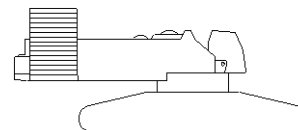
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	74.2	148.5	50 700*													24.4
26.0	72.7	148.0	50 500*													26.0
28.0	70.7	147.3	50 200*													28.0
30.0	68.6	146.5	49 800*	71.7	147.4	50 400*										30.0
32.0	66.6	145.6	49 400*	69.7	146.7	50 300*										32.0
34.0	64.5	144.7	49 000*	67.7	145.9	49 900*										34.0
36.0	62.4	143.7	48 500*	65.6	145.0	49 600*										36.0
38.0	60.2	142.5	47 300*	63.5	144.0	49 300*										38.0
40.0	58.0	141.3	46 100*	61.4	142.9	49 000*										40.0
42.0	55.8	140.0	44 900*	59.2	141.7	48 700*	67.1	144.6	49 200*							42.0
44.0	53.4	138.5	43 700*	56.9	140.4	47 800*	65.1	143.6	49 200*							44.0
46.0	51.0	136.9	42 500*	54.6	139.0	46 600*	63.0	142.6	48 900*							46.0
48.0	48.5	135.2	41 300*	52.3	137.5	45 400*	60.8	141.5	47 100*							48.0
50.0	46.0	133.3	40 100*	49.8	135.8	43 500*	58.6	140.3	44 400*							50.0
52.0	43.2	131.2	39 000*	47.3	134.0	41 200*	56.4	139.0	42 100*							52.0
54.0	40.4	128.9	38 000*	44.6	132.0	39 000*	54.0	137.6	39 900*	62.3	140.6	39 600*				54.0
56.0	37.3	126.3	36 300*	41.8	129.8	37 000*	51.7	136.0	37 900*	60.1	139.4	37 600*				56.0
58.0	34.0	123.4	34 400*	38.9	127.4	35 100*	49.2	134.3	36 000*	57.9	138.2	35 700*				58.0
60.0	30.4	120.2	32 700*	35.7	124.7	33 400*	46.6	132.4	34 300*	55.6	136.9	34 000*				60.0
62.0	26.3	116.3	31 000*	32.3	121.6	31 700*	43.9	130.4	32 600*	53.3	135.4	32 400*				62.0
64.0	21.6	111.6	29 400*	28.5	118.1	30 200*	41.1	128.2	31 100*	50.9	133.8	30 800*				64.0
66.0	15.3	105.3	27 600*	24.1	113.9	28 700*	38.1	125.7	29 600*	48.4	132.0	29 400*	57.0	135.3	28 200*	66.0
68.0				18.8	108.6	27 300*	34.9	122.9	28 300*	45.8	130.1	28 100*	54.7	133.9	26 900*	68.0
70.0				11.0	100.6	25 900*	31.4	119.7	27 000*	43.1	128.0	26 800*	52.3	132.4	25 700*	70.0
72.0							27.4	116.1	25 700*	40.2	125.7	25 600*	49.9	130.7	24 500*	72.0
74.0							22.9	111.6	24 500*	37.1	123.1	24 500*	47.4	128.9	23 400*	74.0
76.0							17.2	105.9	23 300*	33.8	120.2	23 400*	44.7	126.9	22 400*	76.0
78.0										30.2	116.9	22 300*	41.9	124.8	21 400*	78.0
80.0										26.1	113.1	21 300*	39.0	122.3	20 400*	80.0
82.0										21.3	108.3	20 300*	35.8	119.7	19 500*	82.0
84.0										14.9	101.9	19 300*	32.4	116.6	18 700*	84.0
86.0													28.6	113.1	17 800*	86.0
88.0													24.3	108.9	17 000*	88.0
90.0													19.0	103.7	16 200*	90.0
92.0													11.4	95.8	15 300*	92.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

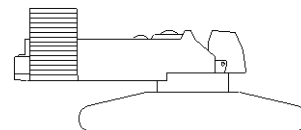
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
24.4	75.0	151.7	47 700*													24.4
26.0	73.5	151.2	47 600*													26.0
28.0	71.6	150.5	47 300*													28.0
30.0	69.7	149.8	46 900*													30.0
32.0	67.8	149.0	46 600*	70.7	149.9	47 300*										32.0
34.0	65.8	148.1	46 300*	68.8	149.2	47 200*										34.0
36.0	63.8	147.1	45 900*	66.8	148.3	46 800*										36.0
38.0	61.8	146.1	45 200*	64.9	147.4	46 500*										38.0
40.0	59.7	144.9	44 100*	62.8	146.4	46 200*										40.0
42.0	57.6	143.6	43 000*	60.8	145.3	46 000*										42.0
44.0	55.5	142.3	41 900*	58.7	144.1	45 700*	66.3	147.0	46 100*							44.0
46.0	53.2	140.8	40 800*	56.6	142.7	44 700*	64.4	146.1	46 100*							46.0
48.0	50.9	139.2	39 700*	54.4	141.3	43 600*	62.3	145.0	46 000*							48.0
50.0	48.6	137.5	38 600*	52.1	139.8	42 500*	60.3	143.9	44 400*							50.0
52.0	46.1	135.6	37 600*	49.8	138.1	41 100*	58.2	142.7	42 000*							52.0
54.0	43.5	133.5	36 600*	47.4	136.3	38 900*	56.0	141.3	39 800*							54.0
56.0	40.8	131.2	35 600*	44.9	134.3	36 900*	53.8	139.9	37 800*	61.7	143.0	37 400*				56.0
58.0	37.9	128.7	34 400*	42.2	132.2	35 000*	51.5	138.3	35 900*	59.6	141.8	35 600*				58.0
60.0	34.9	125.9	32 600*	39.4	129.8	33 300*	49.2	136.6	34 200*	57.5	140.5	33 900*				60.0
62.0	31.5	122.8	31 000*	36.5	127.2	31 700*	46.7	134.8	32 500*	55.3	139.2	32 200*				62.0
64.0	27.8	119.2	29 500*	33.3	124.2	30 100*	44.2	132.7	31 000*	53.1	137.7	30 700*				64.0
66.0	23.6	114.8	28 000*	29.8	120.8	28 700*	41.5	130.5	29 600*	50.8	136.1	29 300*				66.0
68.0	18.4	109.4	26 600*	25.8	116.9	27 300*	38.7	128.1	28 200*	48.4	134.3	27 900*	56.6	137.6	26 800*	68.0
70.0	10.9	101.3	23 500*	21.2	112.1	26 000*	35.7	125.4	26 900*	46.0	132.4	26 700*	54.4	136.2	25 500*	70.0
72.0				15.2	105.7	24 700*	32.4	122.3	25 700*	43.4	130.4	25 500*	52.2	134.7	24 400*	72.0
74.0							28.8	118.8	24 500*	40.7	128.1	24 300*	49.9	133.0	23 300*	74.0
76.0							24.7	114.7	23 400*	37.8	125.5	23 200*	47.4	131.2	22 200*	76.0
78.0							19.8	109.6	22 300*	34.7	122.7	22 200*	44.9	129.3	21 200*	78.0
80.0							13.2	102.6	21 200*	31.3	119.6	21 200*	42.3	127.1	20 300*	80.0
82.0										27.6	115.9	20 300*	39.5	124.7	19 400*	82.0
84.0										23.3	111.5	19 400*	36.6	122.1	18 500*	84.0
86.0										18.0	106.0	18 400*	33.4	119.2	17 700*	86.0
88.0										10.3	97.6	17 500*	29.9	115.8	16 900*	88.0
90.0													26.0	111.9	16 100*	90.0
92.0													21.3	107.2	15 300*	92.0
94.0													15.4	100.8	14 600*	94.0
96.0													3.5	87.7	13 700*	96.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

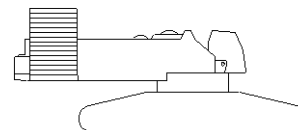
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
25.9	74.4	154.4	44 700*													25.9
26.0	74.3	154.4	44 700*													26.0
28.0	72.5	153.7	44 600*													28.0
30.0	70.7	153.1	44 200*													30.0
32.0	68.9	152.3	43 900*	71.6	153.2	44 400*										32.0
34.0	67.0	151.4	43 700*	69.8	152.4	44 400*										34.0
36.0	65.1	150.5	43 300*	67.9	151.6	44 100*										36.0
38.0	63.2	149.5	43 000*	66.1	150.7	43 800*										38.0
40.0	61.3	148.4	42 100*	64.2	149.8	43 500*										40.0
42.0	59.3	147.2	41 100*	62.3	148.7	43 300*										42.0
44.0	57.3	146.0	40 100*	60.3	147.6	43 100*										44.0
46.0	55.2	144.6	39 100*	58.3	146.4	42 700*	65.6	149.4	43 200*							46.0
48.0	53.0	143.1	38 100*	56.2	145.1	41 700*	63.7	148.5	43 200*							48.0
50.0	50.9	141.5	37 100*	54.1	143.6	40 700*	61.8	147.4	43 100*							50.0
52.0	48.6	139.8	36 100*	52.0	142.1	39 700*	59.8	146.2	41 400*							52.0
54.0	46.2	137.9	35 200*	49.8	140.4	38 500*	57.8	145.0	39 200*							54.0
56.0	43.8	135.8	34 300*	47.4	138.6	36 400*	55.7	143.6	37 200*							56.0
58.0	41.2	133.6	33 400*	45.1	136.6	34 600*	53.6	142.2	35 300*	61.1	145.3	34 900*				58.0
60.0	38.5	131.1	32 300*	42.5	134.5	32 900*	51.4	140.6	33 600*	59.2	144.1	33 200*				60.0
62.0	35.6	128.4	30 600*	39.9	132.2	31 200*	49.2	138.9	32 000*	57.1	142.9	31 600*				62.0
64.0	32.5	125.4	29 100*	37.1	129.6	29 700*	46.9	137.1	30 400*	55.1	141.5	30 100*				64.0
66.0	29.1	121.9	27 700*	34.1	126.7	28 300*	44.4	135.1	29 000*	52.9	140.0	28 700*				66.0
68.0	25.3	117.9	26 300*	30.9	123.5	26 900*	41.9	132.9	27 700*	50.7	138.4	27 300*				68.0
70.0	20.7	113.0	25 000*	27.3	119.8	25 600*	39.2	130.5	26 400*	48.5	136.6	26 100*	56.3	140.0	24 800*	70.0
72.0	14.9	106.5	23 400*	23.2	115.4	24 400*	36.4	127.8	25 200*	46.1	134.7	24 900*	54.2	138.6	23 700*	72.0
74.0				18.1	109.8	23 200*	33.3	124.9	24 000*	43.6	132.7	23 800*	52.0	137.0	22 600*	74.0
76.0				11.0	101.7	21 700*	30.0	121.5	22 900*	41.1	130.4	22 700*	49.8	135.3	21 600*	76.0
78.0							26.3	117.7	21 900*	38.4	127.9	21 700*	47.5	133.5	20 600*	78.0
80.0							22.0	113.0	20 800*	35.5	125.2	20 700*	45.1	131.6	19 700*	80.0
82.0							16.6	107.1	19 800*	32.3	122.1	19 800*	42.6	129.4	18 800*	82.0
84.0										28.9	118.7	18 900*	40.0	127.1	17 900*	84.0
86.0										25.0	114.6	18 000*	37.2	124.5	17 100*	86.0
88.0										20.5	109.6	17 100*	34.2	121.7	16 300*	88.0
90.0										14.5	103.0	16 300*	31.0	118.4	15 600*	90.0
92.0													27.4	114.7	14 800*	92.0
94.0													23.3	110.4	14 100*	94.0
96.0													18.3	104.9	13 400*	96.0
98.0													11.3	96.9	12 600*	98.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

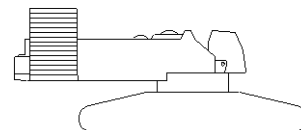
Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	73.8	157.1	41 200*													27.4
28.0	73.3	156.9	41 200*													28.0
30.0	71.6	156.3	41 000*													30.0
32.0	69.8	155.6	40 700*	72.4	156.4	41 100*										32.0
34.0	68.1	154.7	40 500*	70.7	155.7	40 900*										34.0
36.0	66.3	153.9	40 200*	69.0	154.9	40 900*										36.0
38.0	64.5	152.9	40 000*	67.2	154.1	40 600*										38.0
40.0	62.6	151.9	39 600*	65.4	153.2	40 400*										40.0
42.0	60.8	150.8	39 000*	63.6	152.2	40 100*										42.0
44.0	58.9	149.6	38 000*	61.7	151.1	39 900*										44.0
46.0	56.9	148.3	37 200*	59.8	150.0	39 700*	66.7	152.8	39 900*							46.0
48.0	54.9	146.9	36 300*	57.9	148.7	39 400*	64.9	151.9	39 700*							48.0
50.0	52.9	145.4	35 400*	55.9	147.4	38 700*	63.1	150.9	39 700*							50.0
52.0	50.8	143.8	34 500*	53.9	145.9	37 800*	61.2	149.8	39 700*							52.0
54.0	48.6	142.1	33 600*	51.9	144.4	37 000*	59.3	148.6	38 900*							54.0
56.0	46.4	140.2	32 800*	49.7	142.7	35 900*	57.4	147.3	36 800*							56.0
58.0	44.0	138.1	32 000*	47.5	140.9	34 200*	55.4	146.0	34 900*	62.5	148.8	34 400*				58.0
60.0	41.6	135.9	31 200*	45.2	139.0	32 500*	53.4	144.5	33 200*	60.6	147.7	32 700*				60.0
62.0	39.0	133.5	30 300*	42.8	136.8	30 900*	51.3	142.9	31 600*	58.7	146.5	31 100*				62.0
64.0	36.3	130.9	28 800*	40.3	134.5	29 400*	49.2	141.2	30 000*	56.8	145.2	29 600*				64.0
66.0	33.4	127.9	27 400*	37.7	132.0	28 000*	46.9	139.4	28 600*	54.8	143.8	28 200*				66.0
68.0	30.2	124.6	26 000*	34.9	129.2	26 600*	44.6	137.4	27 300*	52.8	142.3	26 900*				68.0
70.0	26.7	120.8	24 800*	31.9	126.1	25 300*	42.2	135.2	26 000*	50.7	140.7	25 600*				70.0
72.0	22.7	116.3	23 500*	28.6	122.5	24 100*	39.7	132.8	24 800*	48.5	138.9	24 500*	56.0	142.3	23 200*	72.0
74.0	17.8	110.6	22 300*	24.8	118.4	23 000*	37.0	130.2	23 600*	46.2	137.0	23 300*	54.0	140.9	22 100*	74.0
76.0	10.8	102.4	19 300*	20.4	113.5	21 800*	34.2	127.4	22 600*	43.9	135.0	22 300*	51.9	139.3	21 100*	76.0
78.0				14.8	106.9	20 700*	31.1	124.2	21 500*	41.4	132.8	21 300*	49.8	137.6	20 100*	78.0
80.0							27.7	120.5	20 500*	38.9	130.3	20 300*	47.6	135.8	19 200*	80.0
82.0							23.8	116.2	19 600*	36.1	127.7	19 400*	45.3	133.9	18 300*	82.0
84.0							19.2	110.9	18 600*	33.2	124.7	18 500*	42.9	131.8	17 500*	84.0
86.0							13.0	103.7	17 700*	30.0	121.3	17 600*	40.4	129.5	16 700*	86.0
88.0										26.5	117.5	16 800*	37.8	126.9	15 900*	88.0
90.0										22.4	113.0	16 000*	35.0	124.2	15 200*	90.0
92.0										17.5	107.2	15 200*	32.0	121.1	14 400*	92.0
94.0										10.3	98.7	14 400*	28.7	117.5	13 700*	94.0
96.0													24.9	113.4	13 100*	96.0
98.0													20.6	108.5	12 400*	98.0
100.0													15.0	102.0	11 700*	100.0
102.0													4.7	89.5	11 000*	102.0

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 30.5m Mast No. 56
239 500 kg Crane Counterweight
145 150 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



85.3m (280 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Jib Oper. Rad. m	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
27.4	74.5	160.3	38 700*													27.4
28.0	74.0	160.1	38 700*													28.0
30.0	72.4	159.5	38 600*													30.0
32.0	70.7	158.8	38 300*													32.0
34.0	69.0	158.0	38 100*	71.5	158.9	38 400*										34.0
36.0	67.3	157.2	37 800*	69.9	158.2	38 400*										36.0
38.0	65.6	156.3	37 600*	68.2	157.4	38 200*										38.0
40.0	63.9	155.3	37 400*	66.5	156.5	37 900*										40.0
42.0	62.1	154.3	37 000*	64.8	155.6	37 700*										42.0
44.0	60.3	153.2	36 300*	63.0	154.6	37 600*										44.0
46.0	58.5	151.9	35 500*	61.2	153.5	37 400*	67.8	156.1	37 100*							46.0
48.0	56.6	150.6	34 700*	59.4	152.3	37 200*	66.0	155.2	37 100*							48.0
50.0	54.7	149.2	33 900*	57.5	151.1	36 900*	64.3	154.3	37 100*							50.0
52.0	52.7	147.7	33 100*	55.7	149.7	36 200*	62.6	153.3	37 100*							52.0
54.0	50.7	146.1	32 300*	53.7	148.3	35 400*	60.8	152.1	37 100*							54.0
56.0	48.6	144.4	31 500*	51.7	146.7	34 600*	58.9	150.9	36 200*							56.0
58.0	46.5	142.5	30 700*	49.7	145.0	33 500*	57.1	149.7	34 300*							58.0
60.0	44.2	140.5	29 800*	47.6	143.2	32 100*	55.2	148.3	32 600*	62.0	151.2	32 100*				60.0
62.0	41.9	138.3	28 400*	45.4	141.3	30 400*	53.2	146.8	31 000*	60.2	150.1	30 500*				62.0
64.0	39.5	135.9	27 100*	43.1	139.2	28 900*	51.2	145.2	29 500*	58.4	148.8	29 000*				64.0
66.0	36.9	133.3	25 900*	40.7	136.9	27 500*	49.2	143.5	28 100*	56.5	147.5	27 600*				66.0
68.0	34.2	130.4	24 600*	38.2	134.4	26 200*	47.0	141.7	26 700*	54.6	146.1	26 300*				68.0
70.0	31.2	127.2	23 400*	35.6	131.7	24 900*	44.8	139.7	25 500*	52.6	144.6	25 000*				70.0
72.0	28.0	123.6	22 300*	32.8	128.6	23 700*	42.5	137.5	24 300*	50.6	143.0	23 900*	57.6	146.0	22 500*	72.0
74.0	24.3	119.4	21 200*	29.7	125.2	22 600*	40.1	135.2	23 100*	48.5	141.2	22 700*	55.7	144.6	21 400*	74.0
76.0	20.1	114.3	20 100*	26.2	121.4	21 500*	37.6	132.7	22 100*	46.4	139.4	21 700*	53.8	143.2	20 400*	76.0
78.0	14.6	107.6	19 000*	22.3	116.8	20 400*	34.9	129.9	21 000*	44.1	137.3	20 700*	51.8	141.6	19 500*	78.0
80.0				17.6	111.1	19 400*	32.0	126.8	20 000*	41.8	135.1	19 700*	49.8	139.9	18 600*	80.0
82.0				10.9	102.8	18 000*	28.8	123.2	19 100*	39.3	132.7	18 800*	47.6	138.1	17 700*	82.0
84.0							25.3	119.2	18 200*	36.8	130.1	17 900*	45.5	136.2	16 800*	84.0
86.0							21.2	114.4	17 300*	34.0	127.2	17 100*	43.2	134.1	16 100*	86.0
88.0							16.2	108.3	16 500*	31.0	124.0	16 300*	40.8	131.8	15 300*	88.0
90.0										27.8	120.3	15 500*	38.3	129.3	14 600*	90.0
92.0										24.1	116.1	14 800*	35.7	126.6	13 900*	92.0
94.0										19.8	110.9	14 000*	32.8	123.6	13 200*	94.0
96.0										14.2	104.1	13 300*	29.8	120.2	12 500*	96.0
98.0													26.4	116.4	11 900*	98.0
100.0													22.5	111.8	11 200*	100.0
102.0													17.7	106.1	10 600*	102.0
104.0													11.2	98.0	10 000*	104.0