

Liftcrane Jib Capacities

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

<p align="center">Meets ANSI B30.5 Requirements</p>
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LIFTING CAPACITIES: Chart supplements boom capacity chart **No. 9123-A** or **No. 9140-A**. Lifting capacities for various boom lengths, jib lengths and 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 (*).

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of jib load. Boom and 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 crawlers fully extended (16 Ft. 1 in.) and gantry up. Refer to boom rigging **No. 911959** or **No. 912877**, jib assembly **No. 912885** or **No. 912915** and Wire Rope Specification chart **No. 9103-A** or **No. 9144-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 within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 9142-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

JIB POINT ELEVATION: Jib point elevation is vertical distance from ground level to centerline of jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 19 Ft. 4 in. extendible crawlers, 35-1/2 in. treads, 15 Ft. 6 in. retractable gantry, 10 part boom hoist reeving, two 1-1/4 in. boom pendants, 1st counterweight = 28,500 Lbs. and 2nd counterweight = 15,500 Lbs.

Maximum capacity on 7/8 in. wire rope is 20,000 Lbs. per line.

Maximum Boom and Jib Lengths Lifted Unassisted			
Over Front of Blocked Crawlers		Over Side of Extended Crawlers	
Boom Length	Jib No. 111	Boom Length	Jib No. 111
190 Ft.	---	180 Ft.	---
180 Ft.	30 Ft.	170 Ft.	---
170 Ft.	50 Ft.	160 Ft.	40 Ft.
160 Ft.	60 Ft.	150 Ft.	60 Ft.
Load block, hook and weight ball on ground at start.			



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30 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. BOOM										
25	79.2	104.8	20,000 *							25
30	76.3	103.6	20,000 *	79.7	102.8	20,000*				30
35	73.4	102.1	20,000 *	76.8	101.3	20,000*	80.5	99.0	19,000*	35
40	70.4	100.4	20,000 *	73.7	99.5	20,000*	77.5	97.2	17,900*	40
45	67.3	98.3	20,000 *	70.6	97.4	20,000*	74.3	95.1	17,000*	45
50	64.2	95.9	20,000 *	67.5	95.0	20,000*	71.0	92.6	16,200*	50
55	61.0	93.2	19,500	64.2	92.3	19,800	67.7	89.7	15,500*	55
60	57.6	90.1	17,400	60.9	89.1	17,700	64.2	86.5	14,800*	60
65	54.2	86.5	15,600	57.4	85.5	15,900	60.6	82.8	14,300*	65
70	50.5	82.5	14,100	53.7	81.5	14,300	56.8	78.6	13,800*	70
80	42.6	72.6	11,800	45.6	71.4	11,900	48.3	68.1	12,000	80
90	33.1	59.2	9,900	35.9	57.7	10,000				90
100	19.8	37.9	8,500							100
80 Ft. BOOM										
25	80.2	115.0	20,000 *							25
30	77.6	113.9	20,000 *	80.7	113.1	20,000*				30
35	74.9	112.6	20,000 *	78.0	111.7	20,000*				35
40	72.2	111.0	20,000 *	75.3	110.1	20,000*	78.7	107.7	18,300*	40
45	69.5	109.1	20,000 *	72.5	108.3	20,000*	75.8	105.8	17,400*	45
50	66.7	107.0	20,000 *	69.7	106.1	20,000*	73.0	103.6	16,600*	50
55	63.8	104.6	19,300	66.8	103.7	19,600	70.0	101.1	15,900*	55
60	60.9	101.8	17,200	63.8	100.9	17,400	66.9	98.3	15,300*	60
65	57.8	98.7	15,400	60.8	97.8	15,600	63.8	95.1	14,700*	65
70	54.7	95.3	13,900	57.6	94.3	14,100	60.5	91.4	14,200*	70
80	48.0	87.0	11,500	50.8	85.8	11,700	53.5	82.7	11,800	80
90	40.5	76.3	9,700	43.2	75.0	9,800				90
100	31.5	61.9	8,200	34.0	60.3	8,300				100



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Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
90 Ft. BOOM										
25	81.0	125.1	20,000 *							25
30	78.6	124.1	20,000 *							30
35	76.2	122.9	20,000 *	79.0	122.1	20,000*				35
40	73.7	121.5	20,000 *	76.5	120.6	20,000*	79.7	118.2	18,500*	40
45	71.2	119.8	20,000 *	74.0	118.9	20,000*	77.1	116.5	17,700*	45
50	68.7	117.9	20,000 *	71.5	117.0	20,000*	74.5	114.5	17,000*	50
55	66.1	115.7	19,100	68.9	114.8	19,500	71.8	112.2	16,300*	55
60	63.5	113.3	17,000	66.2	112.3	17,300	69.1	109.7	15,700*	60
65	60.8	110.5	15,200	63.5	109.5	15,500	66.3	106.8	15,100*	65
70	58.0	107.4	13,700	60.7	106.4	14,000	63.5	103.6	14,200	70
80	52.2	100.2	11,300	54.8	99.1	11,500	57.4	96.1	11,700	80
90	45.8	91.2	9,500	48.4	90.0	9,600	50.7	86.6	9,800	90
100	38.7	79.8	8,100	41.1	78.4	8,200				100
110	30.1	64.6	6,900	32.3	62.9	7,000				110
100 Ft. BOOM										
30	79.5	134.4	20,000 *							30
35	77.3	133.3	20,000 *	79.9	132.4	20,000*				35
40	75.0	131.9	20,000 *	77.6	131.0	20,000*	80.5	128.6	18,800*	40
45	72.7	130.4	20,000 *	75.3	129.5	20,000*	78.2	127.0	18,000*	45
50	70.4	128.6	20,000 *	73.0	127.7	20,000*	75.8	125.2	17,300*	50
55	68.1	126.6	18,900	70.6	125.7	19,300	73.4	123.1	16,600*	55
60	65.7	124.4	16,800	68.2	123.5	17,100	70.9	120.8	16,000*	60
65	63.2	121.9	15,000	65.8	121.0	15,300	68.4	118.3	15,500*	65
70	60.7	119.2	13,500	63.2	118.2	13,800	65.8	115.4	14,100	70
80	55.5	112.7	11,100	58.0	111.7	11,300	60.4	108.7	11,500	80
90	50.0	104.9	9,300	52.4	103.7	9,400	54.7	100.5	9,600	90
100	43.9	95.2	7,800	46.2	94.0	8,000	48.3	90.4	8,100	100
110	37.1	83.1	6,700	39.3	81.7	6,800				110
120	28.9	67.1	5,700							120



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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
110 Ft. BOOM										
30	80.2	144.6	20,000*							30
35	78.2	143.5	20,000*	80.6	142.6	20,000*				35
40	76.1	142.3	20,000*	78.5	141.4	20,000*				40
45	74.0	140.9	20,000*	76.4	140.0	20,000*	79.1	137.4	18,200*	45
50	71.8	139.3	20,000*	74.3	138.3	20,000*	76.9	135.8	17,500*	50
55	69.7	137.4	18,700	72.1	136.5	19,100	74.7	133.9	16,900*	55
60	67.5	135.4	16,500	69.9	134.4	16,900	72.4	131.8	16,300*	60
65	65.3	133.1	14,700	67.6	132.1	15,100	70.1	129.4	15,400	65
70	63.0	130.6	13,200	65.3	129.6	13,500	67.8	126.9	13,900	70
80	58.3	124.8	10,800	60.6	123.7	11,100	62.9	120.8	11,300	80
90	53.4	117.8	9,000	55.6	116.7	9,200	57.8	113.6	9,400	90
100	48.1	109.3	7,600	50.2	108.1	7,700	52.3	104.8	7,900	100
110	42.2	99.1	6,400	44.4	97.7	6,500	46.2	94.0	6,700	110
120	35.7	86.3	5,400	37.7	84.8	5,500				120
130	27.8	69.6	4,600							130
120 Ft. BOOM										
30	80.9	154.7	20,000*							30
35	79.0	153.8	20,000*							35
40	77.0	152.6	20,000*	79.3	151.7	20,000*				40
45	75.1	151.3	20,000*	77.3	150.4	20,000*	79.8	147.8	18,500*	45
50	73.1	149.8	20,000*	75.3	148.9	20,000*	77.8	146.3	17,800*	50
55	71.1	148.1	18,500	73.3	147.2	18,900	75.8	144.5	17,200*	55
60	69.1	146.2	16,300	71.3	145.3	16,700	73.7	142.6	16,600*	60
65	67.0	144.1	14,500	69.2	143.1	14,900	71.6	140.4	15,300	65
70	64.9	141.8	13,000	67.1	140.8	13,400	69.4	138.1	13,700	70
80	60.6	136.5	10,600	62.8	135.4	10,900	65.0	132.6	11,200	80
90	56.2	130.1	8,800	58.3	129.0	9,000	60.4	126.0	9,300	90
100	51.4	122.6	7,400	53.5	121.4	7,600	55.5	118.2	7,700	100
110	46.3	113.6	6,200	48.3	112.3	6,400	50.2	108.8	6,500	110
120	40.7	102.8	5,300	42.7	101.4	5,400				120
130	34.4	89.4	4,400	36.3	87.8	4,500				130
140	26.8	71.9	3,800							140



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Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
130 Ft. BOOM										
35	79.7	164.0	20,000 *							35
40	77.8	162.9	20,000 *	80.0	162.0	20,000*				40
45	76.0	161.7	20,000 *	78.1	160.7	20,000*	80.5	158.1	18,700*	45
50	74.2	160.3	20,000 *	76.3	159.3	20,000*	78.6	156.7	18,000*	50
55	72.3	158.7	18,200	74.4	157.7	18,800	76.7	155.1	17,400*	55
60	70.4	156.9	16,100	72.5	156.0	16,500	74.8	153.3	16,900*	60
65	68.5	155.0	14,300	70.6	154.0	14,700	72.8	151.3	15,100	65
70	66.6	152.8	12,800	68.7	151.8	13,200	70.8	149.1	13,600	70
80	62.6	147.9	10,400	64.7	146.9	10,700	66.8	144.1	11,000	80
90	58.5	142.1	8,600	60.5	141.0	8,800	62.5	138.1	9,100	90
100	54.2	135.3	7,100	56.2	134.1	7,400	58.1	131.0	7,600	100
110	49.7	127.2	6,000	51.6	126.0	6,200	53.4	122.7	6,300	110
120	44.8	117.7	5,000	46.6	116.4	5,200	48.3	112.8	5,300	120
130	39.4	106.3	4,200	41.2	104.9	4,300				130
140	33.3	92.3	3,500	35.0	90.7	3,600				140
140 Ft. BOOM										
35	80.3	174.1	20,000 *							35
40	78.6	173.1	20,000 *	80.6	172.2	20,000*				40
45	76.8	172.0	20,000 *	78.9	171.0	20,000*				45
50	75.1	170.7	20,000 *	77.1	169.7	20,000*	79.3	167.1	18,200*	50
55	73.4	169.2	18,000	75.4	168.2	18,600	77.5	165.6	17,700*	55
60	71.6	167.5	15,900	73.6	166.6	16,300	75.7	163.9	16,900	60
65	69.8	165.7	14,100	71.8	164.8	14,500	73.9	162.0	15,000	65
70	68.0	163.7	12,600	70.0	162.7	13,000	72.1	160.0	13,400	70
80	64.4	159.2	10,200	66.3	158.1	10,500	68.3	155.3	10,800	80
90	60.6	153.8	8,300	62.5	152.7	8,600	64.4	149.8	8,900	90
100	56.6	147.5	6,900	58.5	146.4	7,100	60.3	143.3	7,400	100
110	52.5	140.2	5,700	54.3	139.0	5,900	56.1	135.8	6,100	110
120	48.1	131.7	4,800	49.9	130.4	4,900	51.5	127.0	5,100	120
130	43.3	121.7	4,000	45.1	120.3	4,100	46.6	116.5	4,200	130
140	38.1	109.8	3,300	39.8	108.3	3,400				140



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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
150 Ft. BOOM										
35	80.8	184.3	20,000*							35
40	79.2	183.4	20,000*							40
45	77.6	182.3	20,000*	79.5	181.3	20,000*				45
50	76.0	181.0	20,000*	77.8	180.1	20,000*	79.9	177.4	18,400*	50
55	74.3	179.6	17,800	76.2	178.7	18,400	78.3	176.0	17,900*	55
60	72.7	178.1	15,700	74.5	177.1	16,200	76.6	174.4	16,700	60
65	71.0	176.4	13,900	72.9	175.4	14,300	74.9	172.7	14,800	65
70	69.3	174.5	12,400	71.2	173.5	12,800	73.1	170.8	13,200	70
80	65.9	170.3	10,000	67.7	169.2	10,300	69.6	166.4	10,700	80
90	62.3	165.3	8,100	64.2	164.2	8,400	66.0	161.3	8,700	90
100	58.7	159.4	6,700	60.5	158.4	6,900	62.2	155.3	7,200	100
110	54.9	152.7	5,500	56.6	151.6	5,700	58.3	148.4	5,900	110
120	50.9	145.0	4,600	52.6	143.8	4,700	54.2	140.4	4,900	120
130	46.6	136.0	3,800	48.3	134.7	3,900	49.8	131.1	4,000	130
140	42.1	125.5	3,100	43.7	124.1	3,200				140
160 Ft. BOOM										
40	79.8	193.5	20,000*							40
45	78.2	192.5	20,000*	80.0	191.6	20,000*				45
50	76.7	191.3	20,000*	78.5	190.4	20,000*	80.5	187.7	18,600*	50
55	75.2	190.0	17,600	76.9	189.1	18,200	78.9	186.4	18,100*	55
60	73.6	188.6	15,400	75.4	187.6	16,000	77.3	184.9	16,600	60
65	72.0	187.0	13,600	73.8	186.0	14,100	75.7	183.3	14,700	65
70	70.4	185.2	12,100	72.2	184.2	12,600	74.1	181.5	13,100	70
80	67.2	181.2	9,700	69.0	180.2	10,100	70.8	177.4	10,500	80
90	63.9	176.5	7,900	65.6	175.5	8,200	67.4	172.6	8,500	90
100	60.5	171.1	6,500	62.2	170.0	6,700	63.9	167.0	7,000	100
110	57.0	164.9	5,300	58.7	163.8	5,500	60.3	160.6	5,700	110
120	53.3	157.8	4,300	54.9	156.6	4,500	56.5	153.3	4,700	120
130	49.4	149.6	3,500	51.0	148.3	3,700	52.5	144.9	3,800	130
140				46.9	138.8	3,000	48.3	135.1	3,100	140



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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. BOOM										
40	80.3	203.7	20,000 *							40
45	78.8	202.7	20,000 *	80.6	201.8	20,000*				45
50	77.4	201.6	20,000 *	79.1	200.7	19,900*	81.0	198.0	18,000*	50
55	75.9	200.4	17,400	77.6	199.4	18,000	79.5	196.7	17,900*	55
60	74.4	199.0	15,200	76.1	198.0	15,800	78.0	195.3	16,400	60
65	73.0	197.5	13,400	74.6	196.5	13,900	76.5	193.8	14,500	65
70	71.5	195.8	11,900	73.1	194.8	12,400	74.9	192.1	12,900	70
80	68.4	192.1	9,500	70.1	191.0	9,900	71.8	188.2	10,300	80
90	65.3	187.7	7,600	66.9	186.6	8,000	68.6	183.7	8,300	90
100	62.1	182.6	6,200	63.7	181.5	6,500	65.4	178.5	6,800	100
110	58.8	176.8	5,000	60.4	175.7	5,300	62.0	172.6	5,500	110
120	55.4	170.2	4,100	57.0	169.0	4,300	58.5	165.8	4,500	120
130	51.8	162.6	3,300	53.4	161.4	3,400	54.8	158.0	3,600	130
180 Ft. BOOM										
40	80.8	213.9	19,100 *							40
45	79.4	212.9	18,900 *	81.0	212.0	17,600*				45
50	78.0	211.9	18,600 *	79.6	210.9	17,400*				50
55	76.6	210.7	17,200	78.2	209.7	17,300*	80.0	207.0	15,800*	55
60	75.2	209.4	15,000	76.8	208.4	15,600	78.6	205.7	15,700*	60
65	73.8	208.0	13,200	75.4	207.0	13,800	77.1	204.2	14,300	65
70	72.4	206.4	11,700	74.0	205.4	12,200	75.7	202.6	12,700	70
80	69.5	202.8	9,300	71.1	201.8	9,700	72.8	199.0	10,100	80
90	66.5	198.7	7,400	68.1	197.6	7,800	69.8	194.7	8,200	90
100	63.5	193.9	6,000	65.1	192.8	6,300	66.7	189.9	6,600	100
110	60.5	188.4	4,800	62.0	187.3	5,100	63.5	184.3	5,400	110
120	57.3	182.2	3,900	58.8	181.1	4,100	60.3	178.0	4,300	120
130	54.0	175.3	3,000	55.5	174.1	3,300	56.9	170.8	3,400	130



Liftcrane Jib Capacities

<p align="center">Meets ANSI B30.5 Requirements</p>
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**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

40 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. BOOM										
25	80.8	114.9	20,000 *							25
30	78.2	113.9	20,000 *							30
35	75.5	112.5	20,000 *	79.7	111.5	20,000*				35
40	72.8	110.9	20,000 *	76.9	109.9	20,000*				40
45	70.1	109.1	20,000 *	74.2	108.0	20,000*	78.7	105.1	14,800*	45
50	67.3	107.0	20,000 *	71.3	105.9	20,000*	75.8	102.9	14,100*	50
55	64.4	104.5	19,700	68.4	103.4	19,600*	72.8	100.3	13,400*	55
60	61.5	101.8	17,600	65.5	100.6	17,900	69.8	97.5	12,900*	60
65	58.5	98.7	15,800	62.4	97.5	16,100	66.6	94.2	12,300*	65
70	55.3	95.2	14,300	59.2	94.0	14,600	63.3	90.5	11,900*	70
80	48.6	86.9	11,900	52.4	85.5	12,100	56.2	81.7	11,100*	80
90	41.1	76.2	10,100	44.7	74.6	10,200	48.0	70.2	10,400	90
100	32.1	61.9	8,700	35.5	59.8	8,800				100
80 Ft. BOOM										
30	79.2	124.1	20,000 *							30
35	76.7	122.9	20,000 *	80.5	121.8	20,000*				35
40	74.3	121.5	20,000 *	78.1	120.4	20,000*				40
45	71.8	119.8	20,000 *	75.5	118.7	20,000*	79.7	115.6	15,100*	45
50	69.3	117.9	20,000 *	73.0	116.7	20,000*	77.1	113.6	14,400*	50
55	66.7	115.7	19,500	70.4	114.5	19,900*	74.4	111.4	13,700*	55
60	64.1	113.2	17,300	67.7	112.0	17,700	71.7	108.8	13,200*	60
65	61.4	110.5	15,500	65.0	109.2	15,900	68.9	105.9	12,700*	65
70	58.6	107.4	14,000	62.2	106.1	14,300	66.0	102.7	12,200*	70
80	52.7	100.1	11,700	56.3	98.8	11,900	59.8	95.1	11,400*	80
90	46.4	91.1	9,800	49.8	89.6	10,000	53.1	85.5	10,200	90
100	39.2	79.7	8,400	42.5	78.0	8,500				100
110	30.6	64.5	7,200	33.6	62.3	7,300				110



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

40 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
90 Ft. BOOM										
30	80.0	134.3	20,000 *							30
35	77.8	133.2	20,000 *							35
40	75.5	131.9	20,000 *	79.0	130.8	20,000*				40
45	73.2	130.4	20,000 *	76.7	129.2	20,000*	80.6	126.1	15,300*	45
50	70.9	128.6	20,000 *	74.4	127.4	20,000*	78.2	124.3	14,600*	50
55	68.6	126.6	19,300	72.0	125.4	19,800	75.8	122.2	14,000*	55
60	66.2	124.4	17,100	69.6	123.2	17,600	73.3	119.9	13,500*	60
65	63.7	121.9	15,400	67.1	120.6	15,700	70.7	117.3	13,000*	65
70	61.3	119.1	13,900	64.6	117.8	14,200	68.2	114.4	12,500*	70
80	56.1	112.7	11,500	59.3	111.3	11,700	62.7	107.7	11,700*	80
90	50.5	104.8	9,600	53.7	103.3	9,900	56.9	99.4	10,100	90
100	44.4	95.1	8,200	47.6	93.5	8,400	50.4	89.1	8,500	100
110	37.6	83.0	7,000	40.6	81.2	7,200				110
120	29.3	67.0	6,100	32.1	64.7	6,200				120
100 Ft. BOOM										
30	80.7	144.5	20,000 *							30
35	78.7	143.5	20,000 *							35
40	76.6	142.3	20,000 *	79.8	141.1	20,000*				40
45	74.5	140.8	20,000 *	77.7	139.7	20,000*				45
50	72.3	139.2	20,000 *	75.5	138.0	20,000*	79.1	134.8	14,800*	50
55	70.2	137.4	19,100	73.4	136.2	19,600	76.9	132.9	14,200*	55
60	68.0	135.3	16,900	71.2	134.1	17,400	74.6	130.8	13,700*	60
65	65.8	133.1	15,100	68.9	131.8	15,600	72.3	128.4	13,200*	65
70	63.5	130.5	13,600	66.6	129.3	14,000	69.9	125.8	12,800*	70
80	58.8	124.7	11,200	61.9	123.4	11,500	65.1	119.7	11,900	80
90	53.8	117.7	9,400	56.9	116.3	9,700	59.9	112.4	9,900	90
100	48.5	109.3	8,000	51.5	107.7	8,200	54.3	103.5	8,400	100
110	42.7	99.0	6,800	45.6	97.3	7,000	48.1	92.6	7,100	110
120	36.1	86.2	5,800	38.8	84.2	6,000				120
130	28.2	69.5	5,000							130



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

40 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
110 Ft. BOOM										
35	79.4	153.7	20,000*							35
40	77.5	152.6	20,000*	80.5	151.4	20,000*				40
45	75.5	151.3	20,000*	78.5	150.1	20,000*				45
50	73.5	149.8	20,000*	76.5	148.5	20,000*	79.9	145.3	15,000*	50
55	71.5	148.1	18,900	74.5	146.8	19,400	77.8	143.5	14,500*	55
60	69.5	146.2	16,700	72.5	144.9	17,200	75.7	141.6	13,900*	60
65	67.5	144.1	14,900	70.4	142.8	15,400	73.6	139.4	13,500*	65
70	65.4	141.8	13,400	68.3	140.5	13,800	71.4	137.0	13,100*	70
80	61.1	136.4	11,000	64.0	135.1	11,300	67.0	131.5	11,700	80
90	56.6	130.1	9,200	59.4	128.7	9,400	62.3	124.8	9,700	90
100	51.9	122.5	7,700	54.6	121.0	7,900	57.4	116.9	8,200	100
110	46.8	113.5	6,500	49.5	111.9	6,700	52.0	107.5	6,900	110
120	41.2	102.7	5,600	43.8	100.9	5,700				120
130	34.8	89.3	4,800	37.3	87.2	4,900				130
140	27.2	71.8	4,100							140
120 Ft. BOOM										
35	80.1	163.9	20,000*							35
40	78.3	162.9	20,000*							40
45	76.4	161.6	20,000*	79.3	160.4	20,000*				45
50	74.6	160.2	20,000*	77.4	159.0	20,000*	80.6	155.7	15,200*	50
55	72.7	158.6	18,700	75.5	157.4	19,300	78.6	154.0	14,600*	55
60	70.8	156.9	16,500	73.6	155.6	17,000	76.7	152.2	14,200*	60
65	68.9	154.9	14,700	71.7	153.6	15,200	74.7	150.2	13,700*	65
70	67.0	152.8	13,200	69.8	151.5	13,600	72.7	148.0	13,300*	70
80	63.1	147.9	10,800	65.8	146.5	11,200	68.6	142.9	11,500	80
90	58.9	142.1	9,000	61.6	140.7	9,300	64.4	136.9	9,600	90
100	54.6	135.2	7,500	57.3	133.7	7,800	59.9	129.7	8,000	100
110	50.1	127.2	6,400	52.7	125.6	6,600	55.1	121.3	6,800	110
120	45.2	117.6	5,400	47.7	115.9	5,600	49.9	111.3	5,700	120
130	39.8	106.3	4,600	42.2	104.3	4,700				130
140	33.7	92.3	3,900	36.0	90.0	4,000				140
150	26.3	74.1	3,300							150



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

40 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
130 Ft. BOOM										
35	80.7	174.1	20,000 *							35
40	79.0	173.1	20,000 *							40
45	77.2	171.9	20,000 *	79.9	170.7	20,000*				45
50	75.5	170.6	20,000 *	78.2	169.4	20,000*				50
55	73.8	169.1	18,500	76.4	167.9	19,100	79.4	164.5	14,800*	55
60	72.0	167.5	16,300	74.7	166.2	16,900	77.5	162.8	14,300*	60
65	70.2	165.7	14,500	72.9	164.4	15,000	75.7	160.9	13,900*	65
70	68.4	163.7	13,000	71.0	162.4	13,500	73.8	158.9	13,500*	70
80	64.8	159.1	10,600	67.3	157.8	11,000	70.1	154.1	11,400	80
90	61.0	153.7	8,700	63.5	152.3	9,100	66.1	148.6	9,400	90
100	57.0	147.5	7,300	59.5	146.0	7,600	62.0	142.1	7,900	100
110	52.9	140.1	6,100	55.3	138.6	6,400	57.7	134.4	6,600	110
120	48.5	131.6	5,200	50.9	130.0	5,400	53.1	125.5	5,500	120
130	43.7	121.6	4,300	46.1	119.8	4,500	48.1	114.9	4,700	130
140	38.5	109.7	3,700	40.8	107.7	3,800				140
150	32.6	95.1	3,100	34.7	92.8	3,200				150
140 Ft. BOOM										
40	79.6	183.3	20,000 *							40
45	78.0	182.2	20,000 *	80.5	181.0	20,000*				45
50	76.3	181.0	20,000 *	78.9	179.7	20,000*				50
55	74.7	179.6	18,200	77.2	178.3	18,900	80.0	174.9	15,000*	55
60	73.0	178.0	16,100	75.5	176.8	16,700	78.3	173.3	14,500*	60
65	71.4	176.3	14,300	73.9	175.0	14,800	76.6	171.5	14,100*	65
70	69.7	174.5	12,700	72.2	173.1	13,300	74.8	169.6	13,700*	70
80	66.2	170.2	10,300	68.7	168.8	10,800	71.3	165.2	11,200	80
90	62.7	165.2	8,500	65.1	163.8	8,800	67.6	160.0	9,200	90
100	59.1	159.4	7,000	61.4	157.9	7,300	63.9	154.0	7,700	100
110	55.3	152.7	5,900	57.6	151.2	6,100	59.9	147.1	6,400	110
120	51.3	144.9	4,900	53.5	143.3	5,100	55.7	139.0	5,300	120
130	47.0	135.9	4,100	49.2	134.2	4,300	51.3	129.6	4,500	130
140	42.4	125.4	3,400	44.6	123.6	3,600				140



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

40 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
150 Ft. BOOM										
40	80.1	193.5	20,000*							40
45	78.6	192.5	20,000*	81.0	191.2	20,000*				45
50	77.1	191.3	20,000*	79.5	190.0	20,000*				50
55	75.5	190.0	18,000	77.9	188.7	18,800	80.5	185.2	15,100*	55
60	74.0	188.5	15,900	76.3	187.2	16,500	78.9	183.7	14,700*	60
65	72.4	186.9	14,100	74.7	185.6	14,700	77.3	182.1	14,300*	65
70	70.8	185.2	12,500	73.1	183.8	13,100	75.7	180.3	13,700	70
80	67.6	181.2	10,100	69.9	179.8	10,600	72.4	176.2	11,100	80
90	64.3	176.5	8,300	66.6	175.1	8,700	69.0	171.3	9,100	90
100	60.9	171.1	6,800	63.1	169.6	7,200	65.4	165.7	7,500	100
110	57.3	164.8	5,700	59.6	163.3	5,900	61.8	159.3	6,200	110
120	53.6	157.7	4,700	55.8	156.1	4,900	58.0	151.9	5,200	120
130	49.8	149.5	3,900	51.9	147.9	4,100	53.9	143.4	4,300	130
140	45.7	140.1	3,200	47.8	138.3	3,400	49.6	133.5	3,500	140
160 Ft. BOOM										
40	80.6	203.7	20,000*							40
45	79.2	202.7	20,000*							45
50	77.7	201.6	20,000*	80.0	200.3	19,600*				50
55	76.3	200.3	17,800	78.5	199.0	18,600	81.0	195.5	14,800*	55
60	74.8	199.0	15,600	77.0	197.6	16,300	79.5	194.1	14,500*	60
65	73.3	197.4	13,800	75.5	196.1	14,500	78.0	192.6	14,300*	65
70	71.8	195.8	12,300	74.0	194.4	12,900	76.5	190.9	13,500	70
80	68.7	192.0	9,900	71.0	190.6	10,400	73.3	187.0	10,900	80
90	65.6	187.6	8,100	67.8	186.2	8,500	70.1	182.5	8,900	90
100	62.4	182.5	6,600	64.6	181.1	7,000	66.8	177.2	7,300	100
110	59.2	176.7	5,400	61.3	175.2	5,700	63.4	171.2	6,100	110
120	55.7	170.1	4,500	57.8	168.6	4,700	59.9	164.4	5,000	120
130	52.2	162.6	3,600	54.2	160.9	3,900	56.2	156.6	4,100	130
140	48.4	154.0	3,000	50.5	152.3	3,200	52.3	147.6	3,300	140



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

40 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. BOOM										
45	79.7	212.9	19,300*							45
50	78.3	211.8	19,000*	80.5	210.5	17,400*				50
55	76.9	210.7	17,600	79.1	209.3	17,300*				55
60	75.5	209.4	15,400	77.7	208.0	16,200	80.0	204.5	14,100*	60
65	74.1	207.9	13,600	76.3	206.6	14,300	78.6	203.0	13,900*	65
70	72.7	206.3	12,100	74.8	205.0	12,700	77.1	201.4	13,400	70
80	69.8	202.8	9,700	71.9	201.4	10,200	74.2	197.7	10,700	80
90	66.9	198.6	7,800	69.0	197.2	8,300	71.2	193.5	8,700	90
100	63.9	193.8	6,400	65.9	192.4	6,700	68.1	188.5	7,100	100
110	60.8	188.4	5,200	62.8	186.9	5,500	64.9	182.9	5,900	110
120	57.6	182.2	4,200	59.6	180.7	4,500	61.6	176.6	4,800	120
130	54.3	175.2	3,400	56.3	173.6	3,600	58.2	169.3	3,900	130
140							54.6	161.1	3,100	140



Liftcrane Jib Capacities

<p align="center">Meets ANSI B30.5 Requirements</p>
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**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

50 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. BOOM										
30	79.4	124.1	19,700 *							30
35	76.9	122.9	19,200 *							35
40	74.5	121.5	18,700 *	79.2	120.3	17,400*				40
45	72.0	119.8	18,200 *	76.7	118.6	17,000*				45
50	69.5	117.9	17,800 *	74.2	116.7	16,600*	79.5	113.4	13,000*	50
55	66.9	115.7	17,300 *	71.6	114.5	16,300*	76.8	111.1	12,400*	55
60	64.2	113.2	17,000 *	68.9	112.0	16,000*	74.1	108.5	11,800*	60
65	61.5	110.5	15,900	66.2	109.2	15,700*	71.2	105.6	11,300*	65
70	58.8	107.4	14,400	63.4	106.1	14,700	68.3	102.4	10,800*	70
80	52.9	100.1	12,000	57.5	98.7	12,300	62.2	94.7	10,000*	80
90	46.6	91.1	10,200	51.0	89.6	10,400	55.4	85.1	9,400*	90
100	39.4	79.7	8,800	43.7	77.9	8,900	47.6	72.7	8,800*	100
110	30.8	64.5	7,600	34.8	62.2	7,700				110
80 Ft. BOOM										
30	80.2	134.3	19,900 *							30
35	77.9	133.2	19,400 *							35
40	75.7	131.9	18,900 *	80.1	130.7	17,500*				40
45	73.4	130.4	18,500 *	77.8	129.1	17,200*				45
50	71.1	128.6	18,000 *	75.5	127.4	16,800*	80.4	123.9	12,900*	50
55	68.8	126.6	17,600 *	73.1	125.4	16,500*	77.9	121.8	12,400*	55
60	66.4	124.4	17,300 *	70.7	123.1	16,200*	75.5	119.5	12,000*	60
65	63.9	121.9	15,600	68.2	120.6	15,900*	72.9	116.9	11,500*	65
70	61.4	119.1	14,100	65.7	117.8	14,500	70.3	114.0	11,100*	70
80	56.2	112.7	11,700	60.4	111.2	12,100	64.9	107.3	10,300*	80
90	50.7	104.8	9,900	54.8	103.3	10,200	59.0	98.9	9,700*	90
100	44.6	95.2	8,500	48.6	93.4	8,700	52.5	88.6	8,900	100
110	37.8	83.1	7,300	41.6	81.1	7,500				110
120	29.5	67.1	6,400	33.1	64.5	6,500				120



Liftcrane Jib Capacities

<p align="center">Meets ANSI B30.5 Requirements</p>
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**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

50 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
90 Ft. BOOM										
30	80.9	144.5	20,000 *							30
35	78.8	143.5	19,600 *							35
40	76.7	142.3	19,100 *	80.8	141.0	17,600*				40
45	74.6	140.9	18,700 *	78.7	139.6	17,300*				45
50	72.5	139.2	18,300 *	76.6	137.9	17,000*				50
55	70.3	137.4	17,900 *	74.4	136.1	16,700*	78.9	132.5	12,800*	55
60	68.1	135.4	17,200	72.2	134.0	16,400*	76.6	130.4	12,300*	60
65	65.9	133.1	15,500	69.9	131.7	15,900	74.3	128.0	11,800*	65
70	63.6	130.6	14,000	67.6	129.2	14,400	71.9	125.4	11,300*	70
80	59.0	124.7	11,600	62.9	123.3	11,900	67.0	119.3	10,600*	80
90	54.0	117.7	9,700	57.8	116.2	10,000	61.8	111.9	9,900*	90
100	48.7	109.3	8,300	52.5	107.6	8,500	56.2	102.9	8,800	100
110	42.9	99.0	7,100	46.5	97.2	7,300	50.0	91.9	7,500	110
120	36.3	86.2	6,200	39.8	84.1	6,300				120
130	28.4	69.5	5,400	31.6	66.8	5,500				130
100 Ft. BOOM										
35	79.6	153.7	19,800 *							35
40	77.6	152.6	19,300 *							40
45	75.7	151.3	18,900 *	79.5	150.0	17,400*				45
50	73.7	149.8	18,500 *	77.5	148.4	17,100*				50
55	71.7	148.1	18,200 *	75.5	146.7	16,800*	79.7	143.0	13,000*	55
60	69.7	146.2	17,000	73.4	144.8	16,500*	77.6	141.1	12,500*	60
65	67.6	144.1	15,200	71.4	142.7	15,700	75.5	138.9	12,000*	65
70	65.5	141.8	13,700	69.2	140.4	14,200	73.3	136.5	11,600*	70
80	61.2	136.4	11,300	64.9	135.0	11,700	68.8	130.9	10,800*	80
90	56.8	130.1	9,500	60.4	128.6	9,800	64.1	124.3	10,200	90
100	52.0	122.5	8,100	55.6	120.9	8,300	59.1	116.3	8,600	100
110	46.9	113.5	6,900	50.4	111.8	7,100	53.7	106.8	7,300	110
120	41.3	102.7	5,900	44.7	100.7	6,100	47.7	95.1	6,300	120
130	35.0	89.3	5,100	38.2	87.0	5,300				130
140	27.4	71.8	4,400							140



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

50 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
110 Ft. BOOM										
35	80.2	163.9	19,900*							35
40	78.4	162.9	19,500*							40
45	76.6	161.6	19,100*	80.2	160.3	17,500*				45
50	74.7	160.2	18,700*	78.3	158.9	17,200*				50
55	72.9	158.6	18,400*	76.4	157.3	16,900*	80.4	153.5	13,100*	55
60	71.0	156.9	16,800	74.5	155.5	16,700*	78.4	151.7	12,600*	60
65	69.1	154.9	15,000	72.6	153.5	15,600	76.5	149.7	12,200*	65
70	67.2	152.8	13,500	70.6	151.4	14,000	74.5	147.4	11,800*	70
80	63.2	147.9	11,100	66.6	146.4	11,500	70.4	142.3	11,100*	80
90	59.1	142.1	9,300	62.5	140.5	9,600	66.1	136.3	10,000	90
100	54.8	135.2	7,800	58.1	133.6	8,100	61.6	129.1	8,400	100
110	50.2	127.2	6,600	53.5	125.4	6,900	56.8	120.6	7,100	110
120	45.3	117.7	5,700	48.5	115.8	5,900	51.5	110.5	6,100	120
130	39.9	106.3	4,900	43.0	104.2	5,000				130
140	33.8	92.3	4,200	36.8	89.8	4,300				140
150	26.4	74.1	3,600							150
120 Ft. BOOM										
35	80.8	174.1	20,000*							35
40	79.1	173.1	19,700*							40
45	77.4	171.9	19,300*	80.8	170.6	17,600*				45
50	75.7	170.6	18,900*	79.0	169.2	17,300*				50
55	73.9	169.2	18,600*	77.3	167.8	17,100*	81.0	163.9	13,300*	55
60	72.1	167.5	16,600	75.5	166.1	16,800*	79.2	162.2	12,800*	60
65	70.4	165.7	14,800	73.7	164.3	15,400	77.3	160.3	12,400*	65
70	68.6	163.7	13,300	71.9	162.2	13,800	75.5	158.3	12,000*	70
80	64.9	159.1	10,900	68.2	157.6	11,300	71.7	153.5	11,300*	80
90	61.1	153.7	9,100	64.3	152.2	9,400	67.7	147.9	9,900	90
100	57.1	147.5	7,600	60.3	145.9	7,900	63.6	141.4	8,300	100
110	53.0	140.2	6,400	56.1	138.5	6,700	59.3	133.7	7,000	110
120	48.6	131.6	5,500	51.7	129.8	5,700	54.6	124.7	5,900	120
130	43.9	121.6	4,700	46.9	119.6	4,900	49.6	114.1	5,000	130
140	38.7	109.7	4,000	41.6	107.5	4,100				140
150	32.8	95.1	3,400	35.5	92.6	3,500				150



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

50 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
130 Ft. BOOM										
40	79.7	183.3	19,800 *							40
45	78.1	182.2	19,500 *							45
50	76.5	181.0	19,100 *	79.6	179.6	17,400*				50
55	74.8	179.6	18,600	78.0	178.2	17,200*				55
60	73.2	178.1	16,400	76.3	176.6	16,900*	79.8	172.7	12,900*	60
65	71.5	176.3	14,600	74.6	174.9	15,200	78.1	170.9	12,500*	65
70	69.8	174.5	13,100	72.9	173.0	13,700	76.4	169.0	12,100*	70
80	66.4	170.2	10,700	69.5	168.7	11,200	72.8	164.6	11,400*	80
90	62.8	165.2	8,800	65.9	163.7	9,200	69.1	159.4	9,700	90
100	59.2	159.4	7,400	62.2	157.8	7,700	65.3	153.3	8,100	100
110	55.4	152.7	6,200	58.4	151.0	6,500	61.4	146.3	6,800	110
120	51.4	144.9	5,200	54.3	143.1	5,500	57.2	138.2	5,800	120
130	47.1	135.9	4,400	50.0	134.0	4,700	52.7	128.7	4,900	130
140	42.6	125.5	3,700	45.3	123.4	3,900	47.8	117.6	4,100	140
150	37.5	113.0	3,100	40.2	110.7	3,300				150
140 Ft. BOOM										
40	80.3	193.5	20,000 *							40
45	78.7	192.5	19,600 *							45
50	77.2	191.3	19,300 *	80.2	189.9	17,500*				50
55	75.6	190.0	18,300	78.6	188.6	17,300*				55
60	74.1	188.5	16,200	77.1	187.1	16,900	80.4	183.1	12,500*	60
65	72.5	186.9	14,400	75.5	185.5	15,100	78.8	181.4	12,300*	65
70	70.9	185.2	12,800	73.9	183.7	13,500	77.1	179.6	12,100*	70
80	67.7	181.2	10,400	70.6	179.7	11,000	73.8	175.5	11,500	80
90	64.4	176.5	8,600	67.3	174.9	9,000	70.4	170.6	9,500	90
100	61.0	171.1	7,100	63.8	169.5	7,500	66.9	165.0	7,900	100
110	57.5	164.8	6,000	60.3	163.2	6,300	63.2	158.5	6,600	110
120	53.8	157.7	5,000	56.6	156.0	5,300	59.3	151.1	5,600	120
130	49.9	149.5	4,200	52.6	147.7	4,400	55.3	142.5	4,700	130
140	45.8	140.1	3,500	48.5	138.1	3,700	50.9	132.6	3,900	140
150				44.0	127.0	3,100	46.2	120.9	3,200	150



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

50 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
150 Ft. BOOM										
40	80.7	203.7	20,000*							40
45	79.3	202.7	19,700*							45
50	77.8	201.6	19,400*	80.7	200.1	17,600*				50
55	76.4	200.3	18,200	79.2	198.9	17,300*				55
60	74.9	199.0	16,000	77.7	197.5	16,800	80.9	193.4	13,200*	60
65	73.4	197.4	14,200	76.2	196.0	14,900	79.4	191.9	11,900*	65
70	71.9	195.8	12,600	74.7	194.3	13,300	77.8	190.2	11,700*	70
80	68.9	192.0	10,200	71.7	190.5	10,800	74.7	186.3	11,400*	80
90	65.8	187.6	8,400	68.5	186.0	8,900	71.5	181.7	9,400	90
100	62.6	182.5	6,900	65.3	180.9	7,300	68.2	176.5	7,800	100
110	59.3	176.7	5,800	62.0	175.1	6,100	64.8	170.5	6,500	110
120	55.9	170.1	4,800	58.5	168.4	5,100	61.2	163.6	5,400	120
130	52.3	162.6	4,000	54.9	160.8	4,200	57.5	155.7	4,500	130
140	48.5	154.0	3,300	51.1	152.1	3,500	53.6	146.7	3,700	140
150							49.3	136.3	3,100	150
160 Ft. BOOM										
45	79.8	212.9	19,100*							45
50	78.4	211.9	18,900*							50
55	77.0	210.7	17,900	79.7	209.2	16,900*				55
60	75.6	209.4	15,800	78.3	207.9	16,600				60
65	74.2	207.9	13,900	76.9	206.4	14,700	79.9	202.3	11,500*	65
70	72.8	206.3	12,400	75.5	204.8	13,100	78.4	200.7	11,300*	70
80	69.9	202.8	10,000	72.6	201.2	10,600	75.5	197.0	11,100*	80
90	67.0	198.6	8,100	69.6	197.0	8,700	72.5	192.7	9,200	90
100	64.0	193.8	6,700	66.6	192.2	7,100	69.4	187.8	7,600	100
110	60.9	188.4	5,500	63.5	186.7	5,900	66.2	182.1	6,300	110
120	57.7	182.2	4,600	60.3	180.5	4,900	62.9	175.7	5,200	120
130	54.4	175.2	3,700	56.9	173.4	4,000	59.4	168.4	4,300	130
140	50.9	167.3	3,000	53.4	165.4	3,300	55.8	160.2	3,600	140



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

50 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. BOOM										
45	80.3	223.1	17,200 *							45
50	79.0	222.1	17,000 *							50
55	77.6	221.0	16,800 *	80.2	219.5	15,200*				55
60	76.3	219.7	15,500	78.9	218.2	15,100*				60
65	75.0	218.3	13,700	77.5	216.8	14,600	80.4	212.7	11,200*	65
70	73.6	216.8	12,200	76.2	215.3	13,000	79.0	211.1	11,000*	70
80	70.9	213.4	9,800	73.4	211.9	10,400	76.2	207.6	10,800*	80
90	68.1	209.5	7,900	70.6	207.9	8,500	73.3	203.6	9,100	90
100	65.2	205.0	6,400	67.7	203.4	6,900	70.4	198.9	7,400	100
110	62.3	199.9	5,300	64.8	198.2	5,700	67.4	193.6	6,100	110
120	59.3	194.1	4,300	61.8	192.3	4,700	64.3	187.6	5,100	120
130	56.2	187.5	3,500	58.7	185.7	3,800	61.1	180.8	4,100	130
140				55.4	178.3	3,100	57.8	173.2	3,400	140



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

60 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. BOOM										
30	80.1	134.4	16,000*							30
35	77.8	133.3	16,000*							35
40	75.6	131.9	15,700*	80.9	130.8	14,800*				40
45	73.3	130.4	15,400*	78.6	129.2	14,400*				45
50	71.0	128.6	15,000*	76.3	127.5	14,100*				50
55	68.6	126.7	14,700*	73.9	125.5	13,800*	79.9	121.9	11,300*	55
60	66.2	124.4	14,300*	71.5	123.2	13,500*	77.4	119.6	10,600*	60
65	63.8	121.9	14,000*	69.0	120.7	13,200*	74.9	117.0	10,100*	65
70	61.3	119.2	13,700*	66.5	117.9	12,900*	72.3	114.1	9,500*	70
80	56.1	112.7	12,100	61.2	111.4	11,900*	66.8	107.3	8,700*	80
90	50.6	104.9	10,200	55.6	103.4	10,500	61.0	99.0	8,000*	90
100	44.5	95.2	8,800	49.5	93.6	9,000	54.5	88.7	7,400*	100
110	37.7	83.1	7,700	42.5	81.2	7,800	47.0	75.5	7,000*	110
120	29.4	67.1	6,700	34.0	64.7	6,800				120
80 Ft. BOOM										
30	80.8	144.6	16,000*							30
35	78.7	143.5	16,000*							35
40	76.6	142.3	15,900*							40
45	74.5	140.9	15,500*	79.4	139.7	14,600*				45
50	72.4	139.3	15,200*	77.3	138.0	14,200*				50
55	70.2	137.4	14,900*	75.1	136.2	14,000*	80.7	132.5	11,500*	55
60	68.0	135.4	14,600*	72.9	134.1	13,700*	78.4	130.3	10,200*	60
65	65.8	133.1	14,300*	70.7	131.8	13,400*	76.1	128.0	9,900*	65
70	63.5	130.6	14,000*	68.4	129.3	13,100*	73.7	125.3	9,700*	70
80	58.8	124.8	11,800	63.6	123.4	12,200	68.8	119.3	9,000*	80
90	53.9	117.8	10,000	58.6	116.3	10,300	63.6	111.9	8,300*	90
100	48.6	109.3	8,500	53.2	107.7	8,800	58.0	102.9	7,700*	100
110	42.8	99.1	7,400	47.3	97.3	7,600	51.8	91.9	7,200*	110
120	36.2	86.3	6,400	40.6	84.2	6,600				120
130	28.3	69.6	5,600	32.4	66.9	5,700				130



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

60 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
90 Ft. BOOM										
35	79.5	153.8	16,000 *							35
40	77.5	152.6	16,000 *							40
45	75.6	151.3	15,700 *	80.2	150.0	14,700*				45
50	73.6	149.8	15,400 *	78.2	148.5	14,400*				50
55	71.6	148.1	15,100 *	76.2	146.8	14,100*				55
60	69.6	146.2	14,800 *	74.1	144.9	13,800*	79.3	141.0	10,900*	60
65	67.5	144.1	14,500 *	72.0	142.8	13,600*	77.1	138.8	10,600*	65
70	65.4	141.8	14,000	69.9	140.4	13,300*	75.0	136.4	10,100*	70
80	61.1	136.5	11,600	65.6	135.1	12,000	70.5	130.8	9,200*	80
90	56.6	130.1	9,800	61.1	128.6	10,100	65.8	124.2	8,500*	90
100	51.9	122.6	8,300	56.3	121.0	8,600	60.8	116.2	8,000*	100
110	46.8	113.6	7,200	51.1	111.9	7,400	55.4	106.7	7,500*	110
120	41.2	102.8	6,200	45.4	100.8	6,400	49.4	95.0	6,600	120
130	34.9	89.4	5,400	38.9	87.1	5,600				130
140	27.3	71.9	4,700	31.0	69.0	4,800				140
100 Ft. BOOM										
35	80.1	164.0	16,000 *							35
40	78.3	162.9	16,000 *							40
45	76.5	161.7	15,900 *	80.8	160.3	14,700*				45
50	74.6	160.3	15,600 *	78.9	158.9	14,500*				50
55	72.8	158.7	15,300 *	77.1	157.3	14,200*				55
60	70.9	156.9	15,000 *	75.2	155.6	14,000*	80.0	151.5	11,300*	60
65	69.0	155.0	14,700 *	73.2	153.6	13,700*	78.0	149.5	10,800*	65
70	67.1	152.8	13,800	71.3	151.4	13,500*	76.0	147.3	10,300*	70
80	63.1	147.9	11,400	67.3	146.5	11,800	71.9	142.2	9,500*	80
90	59.0	142.1	9,600	63.1	140.6	9,900	67.6	136.1	8,800*	90
100	54.7	135.3	8,100	58.8	133.7	8,400	63.1	128.9	8,200*	100
110	50.1	127.2	7,000	54.2	125.5	7,200	58.3	120.4	7,500	110
120	45.2	117.7	6,000	49.2	115.9	6,200	53.1	110.3	6,500	120
130	39.8	106.3	5,200	43.7	104.3	5,400	47.3	98.0	5,600	130
140	33.7	92.3	4,500	37.5	89.9	4,600				140
150	26.4	74.2	3,900							150



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

60 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
110 Ft. BOOM										
35	80.7	174.1	16,000 *							35
40	79.0	173.1	16,000 *							40
45	77.3	172.0	16,000 *							45
50	75.6	170.7	15,700 *	79.6	169.3	14,600*				50
55	73.8	169.2	15,400 *	77.9	167.8	14,300*				55
60	72.1	167.5	15,200 *	76.1	166.1	14,100*	80.6	162.0	11,500*	60
65	70.3	165.7	14,900 *	74.3	164.3	13,800*	78.8	160.1	11,000*	65
70	68.5	163.7	13,500	72.5	162.3	13,600*	76.9	158.1	10,500*	70
80	64.8	159.2	11,100	68.8	157.7	11,600	73.1	153.3	9,700*	80
90	61.0	153.8	9,300	64.9	152.3	9,700	69.2	147.7	9,000*	90
100	57.1	147.5	7,900	60.9	145.9	8,200	65.0	141.2	8,400*	100
110	52.9	140.2	6,700	56.7	138.5	7,000	60.7	133.5	7,300	110
120	48.5	131.7	5,700	52.3	129.9	6,000	56.1	124.5	6,300	120
130	43.8	121.7	4,900	47.5	119.7	5,100	51.0	113.8	5,400	130
140	38.6	109.8	4,200	42.2	107.6	4,400	45.4	101.0	4,600	140
150	32.7	95.2	3,600	36.1	92.6	3,800				150
160	25.5	76.4	3,100							160
120 Ft. BOOM										
40	79.6	183.4	16,000 *							40
45	78.0	182.3	16,000 *							45
50	76.4	181.0	15,900 *	80.2	179.6	14,700*				50
55	74.7	179.6	15,600 *	78.6	178.2	14,400*				55
60	73.1	178.1	15,300 *	76.9	176.7	14,200*				60
65	71.4	176.4	14,900	75.2	174.9	14,000*	79.5	170.7	11,200*	65
70	69.7	174.5	13,300	73.5	173.0	13,700*	77.7	168.7	10,700*	70
80	66.3	170.2	10,900	70.0	168.7	11,500	74.2	164.3	9,900*	80
90	62.8	165.2	9,100	66.5	163.7	9,600	70.5	159.1	9,200*	90
100	59.1	159.4	7,700	62.8	157.8	8,100	66.7	153.1	8,500	100
110	55.3	152.7	6,500	58.9	151.0	6,800	62.7	146.1	7,200	110
120	51.3	145.0	5,500	54.9	143.2	5,800	58.5	137.9	6,100	120
130	47.0	136.0	4,700	50.6	134.1	5,000	54.0	128.4	5,200	130
140	42.5	125.5	4,000	45.9	123.4	4,200	49.1	117.2	4,400	140
150	37.4	113.1	3,400	40.8	110.8	3,600				150
160				34.9	95.3	3,000				160



Liftcrane Jib Capacities

<p align="center">Meets ANSI B30.5 Requirements</p>
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**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

60 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
130 Ft. BOOM										
40	80.2	193.5	16,000 *							40
45	78.6	192.5	16,000 *							45
50	77.1	191.3	16,000 *	80.7	189.9	14,700*				50
55	75.6	190.0	15,700 *	79.2	188.6	14,500*				55
60	74.0	188.6	15,500 *	77.6	187.1	14,300*				60
65	72.4	187.0	14,600	76.0	185.5	14,100*	80.1	181.2	10,800*	65
70	70.8	185.2	13,100	74.4	183.7	13,800*	78.4	179.3	10,600*	70
80	67.6	181.2	10,700	71.2	179.7	11,300	75.1	175.2	10,100*	80
90	64.3	176.5	8,900	67.8	175.0	9,400	71.7	170.3	9,400*	90
100	60.9	171.1	7,400	64.4	169.5	7,900	68.1	164.7	8,300	100
110	57.4	164.9	6,300	60.8	163.2	6,600	64.5	158.2	7,000	110
120	53.7	157.7	5,300	57.1	156.0	5,600	60.6	150.8	6,000	120
130	49.8	149.6	4,500	53.2	147.7	4,800	56.5	142.2	5,100	130
140	45.7	140.2	3,800	49.0	138.2	4,000	52.2	132.2	4,300	140
150	41.3	129.2	3,200	44.5	127.1	3,400	47.5	120.5	3,600	150
140 Ft. BOOM										
40	80.7	203.7	16,000 *							40
45	79.2	202.7	16,000 *							45
50	77.8	201.6	16,000 *							50
55	76.3	200.4	15,900 *	79.7	198.9	14,600*				55
60	74.8	199.0	15,600 *	78.3	197.5	14,400*				60
65	73.3	197.5	14,400	76.8	196.0	14,200*	80.6	191.6	10,400*	65
70	71.8	195.8	12,900	75.2	194.3	13,600	79.1	189.9	10,200*	70
80	68.8	192.0	10,500	72.2	190.5	11,100	75.9	186.0	9,900*	80
90	65.7	187.6	8,600	69.0	186.1	9,200	72.7	181.4	9,600*	90
100	62.5	182.6	7,200	65.8	180.9	7,600	69.4	176.2	8,200	100
110	59.2	176.8	6,000	62.5	175.1	6,400	66.0	170.1	6,900	110
120	55.8	170.1	5,000	59.0	168.4	5,400	62.4	163.2	5,800	120
130	52.2	162.6	4,200	55.4	160.8	4,500	58.7	155.3	4,900	130
140	48.5	154.0	3,500	51.6	152.1	3,800	54.7	146.3	4,100	140
150				47.6	142.1	3,200	50.5	135.9	3,400	150



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

**Jib No. 111 With 12 Ft. 0 in. Strut on
Boom No. 111 With Open Throat Top
44,000 Lb. Counterweight
19 Ft. 4 in. Crawlers Extended
360 Degree Rating**

60 Ft. JIB

Jib Oper. Rad. Feet	3 Degree Offset			15 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
150 Ft. BOOM										
45	79.7	212.9	16,000*							45
50	78.3	211.9	16,000*							50
55	77.0	210.7	16,000*	80.2	209.2	14,700*				55
60	75.6	209.4	15,700*	78.8	207.9	14,400*				60
65	74.1	208.0	14,200	77.4	206.4	14,200*				65
70	72.7	206.4	12,700	76.0	204.8	13,500	79.6	200.3	9,900*	70
80	69.8	202.8	10,300	73.1	201.2	10,900	76.7	196.7	9,600*	80
90	66.9	198.6	8,400	70.1	197.1	9,000	73.6	192.4	9,400*	90
100	63.9	193.9	7,000	67.1	192.2	7,500	70.5	187.4	8,000	100
110	60.8	188.4	5,800	64.0	186.7	6,200	67.3	181.8	6,700	110
120	57.6	182.2	4,800	60.8	180.5	5,200	64.0	175.3	5,600	120
130	54.3	175.2	4,000	57.4	173.4	4,400	60.5	168.1	4,700	130
140	50.9	167.3	3,300	53.9	165.4	3,600	56.9	159.8	3,900	140
150				50.2	156.3	3,000	53.1	150.3	3,200	150
160 Ft. BOOM										
45	80.2	223.1	16,000*							45
50	78.9	222.1	16,000*							50
55	77.6	221.0	16,000*	80.7	219.5	14,500*				55
60	76.2	219.7	15,800	79.4	218.2	14,400*				60
65	74.9	218.4	14,000	78.0	216.8	14,300*				65
70	73.5	216.9	12,500	76.6	215.3	13,300	80.1	210.8	9,600*	70
80	70.8	213.5	10,000	73.9	211.9	10,800	77.3	207.3	9,300*	80
90	68.0	209.5	8,200	71.1	207.9	8,800	74.4	203.2	9,100*	90
100	65.2	205.0	6,700	68.2	203.4	7,300	71.5	198.5	7,900	100
110	62.3	199.9	5,600	65.3	198.2	6,000	68.5	193.2	6,500	110
120	59.3	194.1	4,600	62.3	192.3	5,000	65.4	187.2	5,500	120
130	56.2	187.6	3,800	59.1	185.7	4,200	62.2	180.4	4,500	130
140	53.0	180.2	3,100	55.9	178.3	3,400	58.8	172.8	3,700	140
150							55.3	164.1	3,100	150