



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

**LIFTING CAPACITIES:** Capacities for various boom lengths and 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 12,000 lb. minimum block weight suspended from main jib point. Capacities indicated by (c) provide less than required jib backward stability with 12,000 lb. minimum block weight suspended from main jib point and minimal jib movement may be observed.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom point sheaves, is considered part of main boom load. Weight of jib and 13,800 lbs. suspended beneath jib point sheaves have been included in capacity determination. Boom is 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 in a level position on a firm uniformly supporting surface with roller path level within a tolerance of 15/16 in. in 45 ft. and properly supported. Refer to Boom Rigging No. 177811, Jib Assembly No. 178021 or No. 178696 and Wire Rope

Specification chart No. 7931-A. Crane operator judgement must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operators Manual for operating guidelines.

**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 and is an indication of operating radius. In all cases, operating radius shall govern capacity.

**BOOM POINT ELEVATION:** Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 45 ft. RINGER attachment, 28 ft. 2 in. extendible crawlers, 48 in. treads, 10 ft. 3 in. retractable gantry, 30 ft. live mast, 120 ft. No. 49A mast, 16 part boom hoist reeving, boom support straps, four 1-3/8 in. jib pendants, strap jib backstays, and 867,100 lb. auxiliary counterweight.

Maximum Boom and Jib Lengths Lifted Unassisted	
Boom Length	Jib No. 22EL
425 ft. – 350 ft.	—
325 ft.	80 ft.
300 ft.	160 ft.
275 ft.	220 ft.
250 ft.	280 ft.
225 ft.	300 ft.
Load block, hook, and weight ball on ground at start.	

Upper boom point must be removed from main boom for use of this chart.

**Warning!** Check amount of auxiliary counterweight on machine before use of this chart.

Consult Chart No. 7923-B for jib capacities.



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### 70 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,152,300 *c	1,146,600 *c
50	77.9	130.1	1,062,000 *c	1,056,800 *c
55	75.5	128.8	942,700 c	935,200 c
60	73.1	127.3	811,200 c	804,700 b
65	70.7	125.5	709,000 c	703,300 b
70	68.2	123.5	627,400 c	622,300 b
75	65.7	121.3	560,600 b	556,100 b
80	63.2	118.8	504,900 b	501,000 b
85	60.5	115.9	457,900 b	454,300 b
90	57.8	112.8	417,500 b	414,300 b
95	55.0	109.3	382,500 b	379,600 b
100	52.2	105.5	351,900 b	349,300 b
105	49.1	101.2	324,800 b	322,500
110	46.0	96.4	300,700 b	298,700
115	42.6	91.1	279,200	277,400
120	39.0	85.0	259,700	258,100
125	35.1	78.1	242,000	
130	30.7	70.0	225,900	
<b>150 ft. Boom</b>				
50	79.9	155.6	1,053,100 *c	1,047,800 *c
55	78.0	154.6	942,100 c	934,400 c
60	76.0	153.3	810,600 c	803,900 c
65	74.0	151.9	708,400 c	702,600 b
70	72.0	150.3	626,800 c	621,600 b
75	70.0	148.5	560,100 c	555,400 b
80	67.9	146.4	504,500 c	500,300 b
85	65.9	144.2	457,400 b	453,600 b
90	63.7	141.7	417,100 b	413,700 b
95	61.6	139.0	382,200 b	379,000 b
100	59.3	136.1	351,600 b	348,700 b
105	57.1	132.9	324,600 b	322,000 b
110	54.7	129.3	300,600 b	298,200 b
115	52.3	125.5	279,100 b	276,900 b
120	49.8	121.3	259,700 b	257,700
125	47.2	116.7	242,200 b	240,400
130	44.5	111.7	226,200	224,600
135	41.7	106.2	211,700	210,200
140	38.7	100.0	198,200	196,900
145	35.4	93.2	185,900	
150	31.9	85.3	174,400	
155	27.9	76.3	163,800	

### 70 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	942,600 c	934,700 c
60	78.1	179.1	810,700 c	804,000 c
65	76.4	177.9	708,400 c	702,400 c
70	74.7	176.5	626,500 c	621,200 c
75	73.0	175.0	559,600 c	554,800 c
80	71.2	173.3	503,900 c	499,600 b
85	69.5	171.4	456,800 c	452,800 b
90	67.7	169.3	416,400 c	412,700 b
95	65.9	167.1	381,300 c	378,000 b
100	64.1	164.7	350,700 b	347,600 b
105	62.3	162.1	323,700 b	320,800 b
110	60.4	159.2	299,600 b	297,000 b
115	58.5	156.2	278,100 b	275,700 b
120	56.5	152.9	258,700 b	256,400 b
125	54.5	149.3	241,200 b	239,100 b
130	52.4	145.5	225,200 b	223,300 b
135	50.3	141.4	210,600 b	208,800 b
140	48.1	136.9	197,200 b	195,600 b
145	45.9	132.1	184,900 b	183,400
150	43.5	126.9	173,500 b	172,100
155	41.0	121.2	162,900	161,600
160	38.4	115.0	153,100	151,900
165	35.6	108.2	143,900	
170	32.6	100.6	135,300	
175	29.4	91.9	127,200	



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**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 70 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>200 ft. Boom</b>	
55	81.0	205.6	910,500 *c	898,200 *c
60	79.6	204.6	809,000 c	802,200 c
65	78.1	203.6	706,600 c	700,500 c
70	76.6	202.4	624,800 c	619,300 c
75	75.2	201.1	557,800 c	552,900 c
80	73.7	199.6	502,100 c	497,600 c
85	72.2	198.0	455,000 c	450,900 c
90	70.6	196.2	414,600 c	410,800 b
95	69.1	194.3	379,500 c	376,100 b
100	67.6	192.3	348,900 c	345,700 b
105	66.0	190.0	321,900 c	318,900
110	64.4	187.6	297,800 b	295,000 b
115	62.8	185.1	276,300 b	273,700 b
120	61.2	182.3	257,000 b	254,500 b
125	59.5	179.4	239,400 b	237,200 b
130	57.8	176.3	223,500 b	221,400 b
135	56.1	172.9	208,900 b	206,900 b
140	54.3	169.3	195,600 b	193,700 b
145	52.5	165.5	183,300 b	181,500 b
150	50.7	161.4	171,900 b	170,200 b
155	48.8	157.1	161,400 b	159,800 b
160	46.8	152.4	151,600 b	150,100 b
165	44.8	147.4	142,400 b	141,100
170	42.7	142.1	133,900	132,700
175	40.5	136.3	125,900	124,700
180	38.2	130.0	118,400	117,300
185	35.8	123.2	111,300	
190	33.2	115.7	104,600	
195	30.4	107.4	97,400 *	
200	27.4	98.1	90,300 *	

### 70 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>225 ft. Boom</b>	
60	80.7	230.1	773,200 *c	760,800 *c
65	79.5	229.1	705,800 c	699,600 c
70	78.2	228.1	623,800 c	618,200 c
75	76.8	226.9	556,700 c	551,700 c
80	75.5	225.6	500,800 c	496,300 c
85	74.2	224.2	453,600 c	449,400 c
90	72.9	222.7	413,100 c	409,300 c
95	71.5	221.0	378,000 c	374,500 c
100	70.2	219.2	347,400 c	344,000 c
105	68.8	217.2	320,300 c	317,200 b
110	67.4	215.2	296,200 c	293,300 b
115	66.0	212.9	274,600 c	271,900 b
120	64.6	210.6	255,200 c	252,700 b
125	63.2	208.1	237,700 c	235,300 b
130	61.8	205.4	221,700 c	219,400 b
135	60.3	202.5	207,100 b	205,000 b
140	58.8	199.5	193,800 b	191,700 b
145	57.3	196.3	181,400 b	179,500 b
150	55.8	192.9	170,100 b	168,300 b
155	54.2	189.3	159,500 b	157,800 b
160	52.6	185.5	149,700 b	148,100 b
165	51.0	181.5	140,600 b	139,100 b
170	49.3	177.2	132,100 b	130,600 b
175	47.6	172.7	124,100 b	122,700 b
180	45.8	167.8	116,600 b	115,300 b
185	44.0	162.7	109,500 b	108,300
190	42.1	157.2	102,900 b	101,400 *
195	40.1	151.3	95,400 *b	94,000 *
200	38.1	145.0	88,300 *	87,000 *
205	35.9	138.2	81,600 *	
210	33.6	130.8	75,200 *	
215	31.2	122.8	69,200 *	
220	28.6	113.8	63,400 *	



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### 70 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	661,800 *c	649,100 *c
70	79.4	253.6	621,400 c	615,900 c
75	78.2	252.6	554,300 c	549,300 c
80	77.0	251.4	498,400 c	493,800 c
85	75.8	250.2	451,200 c	446,900 c
90	74.6	248.8	410,700 c	406,800 c
95	73.4	247.3	375,600 c	371,900 c
100	72.2	245.7	344,800 c	341,500 c
105	71.0	244.0	317,700 c	314,600 c
110	69.8	242.1	293,700 c	290,700 c
115	68.6	240.2	272,100 c	269,300 c
120	67.3	238.1	252,700 c	250,100 b
125	66.1	235.9	235,100 c	232,700 b
130	64.8	233.5	219,200 c	216,800 b
135	63.5	231.0	204,600 c	202,400 b
140	62.2	228.4	191,200 c	189,100 b
145	60.9	225.6	178,900 b	176,900 b
150	59.6	222.7	167,500 b	165,600 b
155	58.3	219.6	157,000 b	155,200 b
160	56.9	216.4	147,200 b	145,500 b
165	55.5	212.9	138,100 b	136,500 b
170	54.1	209.3	129,600 b	128,000 b
175	52.6	205.5	121,600 b	120,100 b
180	51.2	201.5	114,100 b	112,700 b
185	49.7	197.3	107,100 b	105,700 b
190	48.1	192.8	100,000 *b	98,300 *b
195	46.6	188.1	92,600 *b	90,900 *b
200	45.0	183.2	85,500 *b	83,900 *b
205	43.3	177.9	78,800 *b	77,300 *b
210	41.6	172.3	72,400 *b	71,000 *b
215	39.8	166.4	66,400 *b	65,100 *
220	37.9	160.0	60,600 *	59,400 *
225	36.0	153.2	55,100 *	
230	34.0	145.9	49,900 *	
235	31.8	138.0	44,900 *	
240	29.5	129.4	40,100 *	
245	27.1	119.9	35,500 *	

### 70 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>275 ft. Boom</b>				
770	80.3	279.1	569,200 *c	563,400 *c
75	79.3	278.1	551,100 c	546,100 c
80	78.2	277.1	495,400 c	490,800 c
85	77.1	275.9	448,300 c	444,100 c
90	76.1	274.7	407,900 c	404,000 c
95	75.0	273.3	372,900 c	369,300 c
100	73.9	271.9	342,300 c	338,900 b
105	72.8	270.4	315,300 c	312,200 b
110	71.7	268.7	291,300 c	288,300 b
115	70.6	266.9	269,900 c	267,000 b
120	69.5	265.1	250,500 c	247,900 b
125	68.4	263.1	233,000 c	230,500 b
130	67.3	261.0	217,100 c	214,700 b
135	66.1	258.8	202,600 b	200,300 b
140	65.0	256.4	189,300 b	187,100 b
145	63.8	254.0	177,000 b	175,000 b
150	62.6	251.4	165,700 b	163,800 b
155	61.4	248.7	155,200 b	153,400 b
160	60.2	245.8	145,500 b	143,700 b
165	59.0	242.8	136,400 b	134,700 b
170	57.8	239.7	127,900 b	126,300 b
175	56.6	236.4	120,000 b	118,400 b
180	55.3	232.9	112,600 b	111,100 b
185	54.0	229.3	105,600 b	104,100 b
190	52.7	225.5	98,500 *b	96,700 *b
195	51.4	221.5	91,000 *b	89,300 *b
200	50.0	217.4	84,000 *b	82,300 *
205	48.6	213.0	77,300 *b	75,700 *
210	47.2	208.4	71,000 *b	69,500 *
215	45.8	203.5	65,000 *	63,600 *
220	44.3	198.4	59,300 *	57,900 *
225	42.7	193.1	53,900 *	52,600 *
230	41.2	187.4	48,700 *	47,400 *
235	39.5	181.4	43,800 *	42,600 *
240	37.8	175.0	39,000 *	37,900 *
245	36.1	168.2	34,500 *	
250	34.3	161.0	30,200 *	



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### 70 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>300 ft. Boom</b>				
75	80.2	303.6	487,800 *c	480,700 *c
80	79.2	302.6	482,900 *c	476,300 *c
85	78.2	301.6	445,800 c	441,500 c
90	77.3	300.4	405,300 c	401,400 c
95	76.3	299.2	370,300 c	366,600 c
100	75.3	297.9	339,700 c	336,200 c
105	74.3	296.5	312,600 c	309,400 c
110	73.3	295.0	288,600 c	285,500 c
115	72.3	293.4	267,100 c	264,200 b
120	71.3	291.7	247,700 c	245,000 b
125	70.3	289.9	230,200 c	227,600 b
130	69.2	288.0	214,300 c	211,800 b
135	68.2	286.0	199,700 c	197,400 b
140	67.2	283.9	186,400 c	184,200 b
145	66.1	281.7	174,100 c	172,000 b
150	65.1	279.4	162,800 b	160,800 b
155	64.0	276.9	152,300 b	150,400 b
160	63.0	274.4	142,600 b	140,700 b
165	61.9	271.7	133,500 b	131,700 b
170	60.8	268.9	125,000 b	123,300 b
175	59.7	266.0	117,100 b	115,400 b
180	58.5	263.0	109,600 b	108,000 b
185	57.4	259.8	102,600 b	100,900 *b
190	56.3	256.4	95,000 *b	93,100 *b
195	55.1	253.0	87,500 *b	85,700 *b
200	53.9	249.3	80,500 *b	78,700 *b
205	52.7	245.5	73,800 *b	72,100 *b
210	51.5	241.6	67,400 *b	65,800 *b
215	50.3	237.4	61,400 *b	59,800 *b
220	49.0	233.1	55,700 *b	54,200 *
225	47.7	228.6	50,300 *b	48,800 *
230	46.4	223.8	45,100 *b	43,700 *
235	45.1	218.9	40,100 *b	38,800 *
240	43.7	213.7	35,400 *b	34,100 *
245	42.3	208.2	30,900 *	

### 70 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>325 ft. Boom</b>				
75	80.9	328.9	406,200 *c	395,200 *c
80	80.0	328.1	406,200 *c	395,200 *c
85	79.1	327.1	406,200 *c	395,200 *c
90	78.2	326.1	403,000 c	395,200 *c
95	77.3	324.9	367,900 c	364,200 c
100	76.4	323.7	337,200 c	333,700 c
105	75.5	322.4	310,200 c	306,900 c
110	74.6	321.1	286,100 c	283,000 c
115	73.7	319.6	264,600 c	261,600 c
120	72.8	318.0	245,200 c	242,400 c
125	71.8	316.4	227,600 c	225,000 c
130	70.9	314.7	211,700 c	209,200 b
135	70.0	312.9	197,100 c	194,800 b
140	69.0	310.9	183,800 c	181,500 b
145	68.1	308.9	171,500 c	169,300 b
150	67.1	306.8	160,200 c	158,100 b
155	66.2	304.6	149,600 c	147,700 b
160	65.2	302.3	139,900 c	138,000 b
165	64.2	299.9	130,800 c	129,000 b
170	63.2	297.4	122,300 c	120,500 b
175	62.2	294.7	114,400 b	112,700 b
180	61.2	292.0	106,900 b	105,300 b
185	60.2	289.1	99,800 *b	97,800 *b
190	59.2	286.2	91,800 *b	89,900 *b
195	58.1	283.1	84,300 *b	82,400 *b
200	57.1	279.8	77,300 *b	75,400 *b
205	56.0	276.5	70,500 *b	68,800 *b
210	55.0	273.0	64,200 *b	62,500 *b
215	53.9	269.3	58,200 *b	56,500 *b
220	52.8	265.5	52,400 *b	50,800 *b
225	51.6	261.6	47,000 *b	45,400 *b
230	50.5	257.5	41,800 *b	40,300 *b
235	49.3	253.2	36,800 *b	35,400 *b
240	48.2	248.7	32,100 *b	30,700 *b



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### 80 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,148,100 *c	1,141,700 *c
50	77.9	130.1	1,057,800 *c	1,051,900 *b
55	75.5	128.8	937,900 c	929,300 b
60	73.1	127.3	806,400 c	799,100 b
65	70.7	125.5	704,300 b	697,900 b
70	68.2	123.5	622,700 b	617,100 b
75	65.7	121.3	556,000 b	551,000 b
80	63.2	118.8	500,400 b	495,900 b
85	60.5	115.9	453,400 b	449,400 b
90	57.8	112.8	413,000 b	409,500
95	55.0	109.3	378,100 b	374,900
100	52.2	105.5	347,500 b	344,600
105	49.1	101.2	320,400	317,900
110	46.0	96.4	296,400	294,100
115	42.6	91.1	274,800	272,800
120	39.0	85.0	255,400	253,700
125	35.1	78.1	237,800	
130	30.7	70.0	221,700	
<b>150 ft. Boom</b>				
50	79.9	155.6	1,049,000 *c	1,043,000 *b
55	78.0	154.6	937,500 c	928,700 b
60	76.0	153.3	806,100 c	798,500 b
65	74.0	151.9	704,000 c	697,400 b
70	72.0	150.3	622,500 c	616,600 b
75	70.0	148.5	555,800 b	550,500 b
80	67.9	146.4	500,200 b	495,500 b
85	65.9	144.2	453,200 b	449,000 b
90	63.7	141.7	413,000 b	409,100 b
95	61.6	139.0	378,100 b	374,500 b
100	59.3	136.1	347,500 b	344,300 b
105	57.1	132.9	320,500 b	317,600 b
110	54.7	129.3	296,600 b	293,900
115	52.3	125.5	275,100 b	272,600
120	49.8	121.3	255,800	253,500
125	47.2	116.7	238,200	236,200
130	44.5	111.7	222,300	220,500
135	41.7	106.2	207,700	206,100
140	38.7	100.0	194,300	192,900
145	35.4	93.2	182,000	
150	31.9	85.3	170,600	
155	27.9	76.3	159,900	

### 80 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	938,200 c	929,400 c
60	78.1	179.1	806,500 c	798,800 c
65	76.4	177.9	704,200 c	697,500 b
70	74.7	176.5	622,400 c	616,400 b
75	73.0	175.0	555,600 c	550,200 b
80	71.2	173.3	499,900 c	495,000 b
85	69.5	171.4	452,800 c	448,400 b
90	67.7	169.3	412,500 b	408,400 b
95	65.9	167.1	377,500 b	373,700 b
100	64.1	164.7	346,900 b	343,400 b
105	62.3	162.1	319,800 b	316,700 b
110	60.4	159.2	295,800 b	292,900 b
115	58.5	156.2	274,300 b	271,600 b
120	56.5	152.9	255,000 b	252,400 b
125	54.5	149.3	237,400 b	235,100
130	52.4	145.5	221,500 b	219,300
135	50.3	141.4	206,900 b	204,900
140	48.1	136.9	193,500	191,700
145	45.9	132.1	181,200	179,500
150	43.5	126.9	169,900	168,300
155	41.0	121.2	159,300	157,900
160	38.4	115.0	149,500	148,200
165	35.6	108.2	140,300	
170	32.6	100.6	131,700	
175	29.4	91.9	123,700	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 80 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>200 ft. Boom</b>	
55	81.0	205.6	906,800 *c	893,800 *c
60	79.6	204.6	805,000 c	797,200 c
65	78.1	203.6	702,700 c	695,800 c
70	76.6	202.4	620,900 c	614,800 c
75	75.2	201.1	554,000 c	548,500 b
80	73.7	199.6	498,300 c	493,300 b
85	72.2	198.0	451,200 c	446,600 b
90	70.6	196.2	410,900 c	406,600 b
95	69.1	194.3	375,900 c	372,000 b
100	67.6	192.3	345,300 b	341,700 b
105	66.0	190.0	318,300 b	314,900 b
110	64.4	187.6	294,200 b	291,100 b
115	62.8	185.1	272,800 b	269,800 b
120	61.2	182.3	253,400 b	250,700 b
125	59.5	179.4	235,900 b	233,300 b
130	57.8	176.3	220,000 b	217,600 b
135	56.1	172.9	205,400 b	203,200 b
140	54.3	169.3	192,100 b	190,000 b
145	52.5	165.5	179,800 b	177,800 b
150	50.7	161.4	168,400 b	166,600 b
155	48.8	157.1	157,900 b	156,200 b
160	46.8	152.4	148,100	146,500
165	44.8	147.4	139,000	137,500
170	42.7	142.1	130,500	129,100
175	40.5	136.3	122,500	121,200
180	38.2	130.0	115,000	113,800
185	35.8	123.2	107,900	
190	33.2	115.7	100,400 *	
195	30.4	107.4	92,900 *	
200	27.4	98.1	85,800 *	

### 80 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>225 ft. Boom</b>	
60	80.7	230.1	769,400 *c	756,300 *c
65	79.5	229.1	702,000 c	695,100 c
70	78.2	228.1	620,100 c	613,800 c
75	76.8	226.9	553,100 c	547,400 c
80	75.5	225.6	497,300 c	492,100 c
85	74.2	224.2	450,000 c	445,300 b
90	72.9	222.7	409,600 c	405,300 b
95	71.5	221.0	374,500 c	370,500 b
100	70.2	219.2	343,900 c	340,100 b
105	68.8	217.2	316,800 c	313,300 b
110	67.4	215.2	292,800 c	289,500 b
115	66.0	212.9	271,200 c	268,200 b
120	64.6	210.6	251,900 b	249,000 b
125	63.2	208.1	234,300 b	231,600 b
130	61.8	205.4	218,400 b	215,800 b
135	60.3	202.5	203,800 b	201,400 b
140	58.8	199.5	190,400 b	188,200 b
145	57.3	196.3	178,100 b	176,000 b
150	55.8	192.9	166,800 b	164,700 b
155	54.2	189.3	156,200 b	154,300 b
160	52.6	185.5	146,400 b	144,600 b
165	51.0	181.5	137,300 b	135,600
170	49.3	177.2	128,800 b	127,200
175	47.6	172.7	120,800 b	119,300
180	45.8	167.8	113,300 b	111,900
185	44.0	162.7	106,300	104,700 *
190	42.1	157.2	98,600 *	96,900 *
195	40.1	151.3	91,100 *	89,500 *
200	38.1	145.0	84,000 *	82,600 *
205	35.9	138.2	77,300 *	
210	33.6	130.8	70,900 *	
215	31.2	122.8	64,900 *	
220	28.6	113.8	59,100 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 80 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	658,100 *c	644,700 *c
70	79.4	253.6	617,800 c	611,500 c
75	78.2	252.6	550,700 c	545,100 c
80	77.0	251.4	494,900 c	489,700 c
85	75.8	250.2	447,700 c	442,900 c
90	74.6	248.8	407,200 c	402,800 c
95	73.4	247.3	372,100 c	368,100 c
100	72.2	245.7	341,500 c	337,700 b
105	71.0	244.0	314,400 c	310,800 b
110	69.8	242.1	290,300 c	287,000 b
115	68.6	240.2	268,800 c	265,700 b
120	67.3	238.1	249,400 c	246,500 b
125	66.1	235.9	231,900 c	229,100 b
130	64.8	233.5	215,900 c	213,300 b
135	63.5	231.0	201,300 b	198,800 b
140	62.2	228.4	188,000 b	185,600 b
145	60.9	225.6	175,700 b	173,400 b
150	59.6	222.7	164,300 b	162,200 b
155	58.3	219.6	153,800 b	151,800 b
160	56.9	216.4	144,000 b	142,100 b
165	55.5	212.9	134,900 b	133,100 b
170	54.1	209.3	126,400 b	124,700 b
175	52.6	205.5	118,400 b	116,800 b
180	51.2	201.5	111,000 b	109,400 b
185	49.7	197.3	103,800 *b	101,800 *b
190	48.1	192.8	95,800 *b	94,000 *b
195	46.6	188.1	88,400 *b	86,600 *
200	45.0	183.2	81,300 *b	79,600 *
205	43.3	177.9	74,600 *	73,000 *
210	41.6	172.3	68,200 *	66,700 *
215	39.8	166.4	62,200 *	60,800 *
220	37.9	160.0	56,500 *	55,100 *
225	36.0	153.2	51,000 *	
230	34.0	145.9	45,800 *	
235	31.8	138.0	40,800 *	
240	29.5	129.4	36,000 *	
245	27.1	119.9	31,400 *	

### 80 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>275 ft. Boom</b>				
70	80.3	279.1	567,700 *c	562,200 *c
75	79.3	278.1	547,600 c	541,900 c
80	78.2	277.1	491,900 c	486,700 b
85	77.1	275.9	444,900 c	440,100 b
90	76.1	274.7	404,500 c	400,100 b
95	75.0	273.3	369,600 c	365,500 b
100	73.9	271.9	339,000 c	335,200 b
105	72.8	270.4	312,000 c	308,500 b
110	71.7	268.7	288,100 c	284,700 b
115	70.6	266.9	266,600 b	263,400 b
120	69.5	265.1	247,300 b	244,300 b
125	68.4	263.1	229,800 b	227,000 b
130	67.3	261.0	213,900 b	211,300 b
135	66.1	258.8	199,400 b	196,900 b
140	65.0	256.4	186,100 b	183,700 b
145	63.8	254.0	173,900 b	171,600 b
150	62.6	251.4	162,600 b	160,400 b
155	61.4	248.7	152,100 b	150,000 b
160	60.2	245.8	142,400 b	140,400 b
165	59.0	242.8	133,300 b	131,400 b
170	57.8	239.7	124,800 b	123,000
175	56.6	236.4	116,900 b	115,200
180	55.3	232.9	109,500 b	107,800
185	54.0	229.3	102,300 *b	100,200 *
190	52.7	225.5	94,400 *b	92,400 *
195	51.4	221.5	86,900 *	85,000 *
200	50.0	217.4	79,900 *	78,100 *
205	48.6	213.0	73,300 *	71,500 *
210	47.2	208.4	66,900 *	65,300 *
215	45.8	203.5	61,000 *	59,400 *
220	44.3	198.4	55,300 *	53,700 *
225	42.7	193.1	49,800 *	48,400 *
230	41.2	187.4	44,700 *	43,300 *
235	39.5	181.4	39,700 *	38,400 *
240	37.8	175.0	35,000 *	33,800 *
245	36.1	168.2	30,500 *	





# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 80 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>300 ft. Boom</b>	
75	80.2	303.6	486,100 *c	479,000 *c
80	79.2	302.6	481,200 *c	474,700 *c
85	78.2	301.6	442,400 c	437,600 b
90	77.3	300.4	402,000 c	397,600 b
95	76.3	299.2	367,000 c	362,900 b
100	75.3	297.9	336,400 c	332,500 b
105	74.3	296.5	309,400 c	305,800 b
110	73.3	295.0	285,400 c	282,000 b
115	72.3	293.4	263,900 c	260,700 b
120	71.3	291.7	244,600 c	241,500 b
125	70.3	289.9	227,100 c	224,200 b
130	69.2	288.0	211,200 b	208,400 b
135	68.2	286.0	196,600 b	194,000 b
140	67.2	283.9	183,300 b	180,800 b
145	66.1	281.7	171,100 b	168,700 b
150	65.1	279.4	159,700 b	157,500 b
155	64.0	276.9	149,300 b	147,100 b
160	63.0	274.4	139,500 b	137,400 b
165	61.9	271.7	130,400 b	128,500 b
170	60.8	268.9	122,000 b	120,100 b
175	59.7	266.0	114,000 b	112,200 b
180	58.5	263.0	106,600 b	104,900 b
185	57.4	259.8	98,900 *b	96,700 *b
190	56.3	256.4	91,000 *b	88,900 *b
195	55.1	253.0	83,500 *b	81,500 *b
200	53.9	249.3	76,500 *b	74,500 *
205	52.7	245.5	69,800 *b	67,900 *
210	51.5	241.6	63,500 *b	61,600 *
215	50.3	237.4	57,500 *b	55,700 *
220	49.0	233.1	51,800 *b	50,100 *
225	47.7	228.6	46,300 *	44,700 *
230	46.4	223.8	41,200 *	39,600 *
235	45.1	218.9	36,200 *	34,700 *
240	43.7	213.7	31,500 *	30,100 *

### 80 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>325 ft. Boom</b>	
75	80.9	328.9	401,100 *c	389,700 *c
80	80.0	328.1	401,100 *c	389,700 *c
85	79.1	327.1	401,100 *c	389,700 *c
90	78.2	326.1	399,800 c	389,700 *c
95	77.3	324.9	364,700 c	360,500 c
100	76.4	323.7	334,100 c	330,200 c
105	75.5	322.4	307,000 c	303,300 c
110	74.6	321.1	283,000 c	279,500 b
115	73.7	319.6	261,500 c	258,200 b
120	72.8	318.0	242,100 c	239,000 b
125	71.8	316.4	224,600 c	221,600 b
130	70.9	314.7	208,700 c	205,900 b
135	70.0	312.9	194,100 c	191,400 b
140	69.0	310.9	180,800 c	178,200 b
145	68.1	308.9	168,500 c	166,100 b
150	67.1	306.8	157,200 b	154,800 b
155	66.2	304.6	146,700 b	144,400 b
160	65.2	302.3	136,900 b	134,800 b
165	64.2	299.9	127,800 b	125,800 b
170	63.2	297.4	119,400 b	117,400 b
175	62.2	294.7	111,400 b	109,500 b
180	61.2	292.0	104,000 b	102,000 *b
185	60.2	289.1	95,900 *b	93,600 *b
190	59.2	286.2	87,900 *b	85,700 *b
195	58.1	283.1	80,400 *b	78,300 *b
200	57.1	279.8	73,400 *b	71,300 *b
205	56.0	276.5	66,700 *b	64,700 *b
210	55.0	273.0	60,300 *b	58,400 *b
215	53.9	269.3	54,300 *b	52,500 *b
220	52.8	265.5	48,600 *b	46,800 *b
225	51.6	261.6	43,100 *b	41,400 *
230	50.5	257.5	38,000 *b	36,300 *
235	49.3	253.2	33,000 *b	31,400 *



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 100 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,142,200 *c	1,134,500 *b
50	77.9	130.1	1,051,700 *c	1,044,600 *b
55	75.5	128.8	930,100 c	919,600 b
60	73.1	127.3	798,900 b	789,900 b
65	70.7	125.5	696,900 b	689,100 b
70	68.2	123.5	615,500 b	608,600
75	65.7	121.3	548,900 b	542,700
80	63.2	118.8	493,400 b	487,900
85	60.5	115.9	446,400	441,500
90	57.8	112.8	406,200	401,800
95	55.0	109.3	371,300	367,400
100	52.2	105.5	340,700	337,200
105	49.1	101.2	313,800	310,600
110	46.0	96.4	289,800	287,000
115	42.6	91.1	268,300	265,800
120	39.0	85.0	248,900	246,800
125	35.1	78.1	231,300	
130	30.7	70.0	215,300	
<b>150 ft. Boom</b>				
50	79.9	155.6	1,043,200 *c	1,036,000 *b
55	78.0	154.6	930,100 c	919,500 b
60	76.0	153.3	799,000 b	789,800 b
65	74.0	151.9	697,200 b	689,100 b
70	72.0	150.3	615,800 b	608,600 b
75	70.0	148.5	549,200 b	542,800 b
80	67.9	146.4	493,800 b	488,000 b
85	65.9	144.2	446,900 b	441,700
90	63.7	141.7	406,700 b	401,900
95	61.6	139.0	371,800 b	367,500
100	59.3	136.1	341,300	337,400
105	57.1	132.9	314,400	310,900
110	54.7	129.3	290,500	287,200
115	52.3	125.5	269,100	266,100
120	49.8	121.3	249,800	247,100
125	47.2	116.7	232,300	229,900
130	44.5	111.7	216,400	214,200
135	41.7	106.2	201,900	199,900
140	38.7	100.0	188,500	186,800
145	35.4	93.2	176,200	
150	31.9	85.3	164,800	
155	27.9	76.3	154,300	

### 100 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	931,300 c	920,500 b
60	78.1	179.1	799,900 c	790,500 b
65	76.4	177.9	697,800 c	689,500 b
70	74.7	176.5	616,200 b	608,800 b
75	73.0	175.0	549,500 b	542,900 b
80	71.2	173.3	493,900 b	487,900 b
85	69.5	171.4	446,900 b	441,500 b
90	67.7	169.3	406,600 b	401,600 b
95	65.9	167.1	371,700 b	367,100 b
100	64.1	164.7	341,100 b	336,900
105	62.3	162.1	314,200 b	310,300
110	60.4	159.2	290,200 b	286,600
115	58.5	156.2	268,800 b	265,400
120	56.5	152.9	249,400	246,400
125	54.5	149.3	232,000	229,100
130	52.4	145.5	216,000	213,400
135	50.3	141.4	201,500	199,100
140	48.1	136.9	188,200	185,900
145	45.9	132.1	175,900	173,800
150	43.5	126.9	164,500	162,700
155	41.0	121.2	154,000	152,300
160	38.4	115.0	144,200	142,700
165	35.6	108.2	135,100	
170	32.6	100.6	126,500	
175	29.4	91.9	118,500	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 100 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>200 ft. Boom</b>	
55	81.0	205.6	901,400 *c	887,500 *b
60	79.6	204.6	798,800 c	789,300 b
65	78.1	203.6	696,600 c	688,300 b
70	76.6	202.4	615,000 c	607,500 b
75	75.2	201.1	548,300 c	541,500 b
80	73.7	199.6	492,700 b	486,600 b
85	72.2	198.0	445,700 b	440,100 b
90	70.6	196.2	405,400 b	400,200 b
95	69.1	194.3	370,500 b	365,700 b
100	67.6	192.3	339,900 b	335,500 b
105	66.0	190.0	313,000 b	308,900 b
110	64.4	187.6	289,000 b	285,200 b
115	62.8	185.1	267,500 b	264,000 b
120	61.2	182.3	248,200 b	244,900 b
125	59.5	179.4	230,800 b	227,700
130	57.8	176.3	214,900 b	212,000
135	56.1	172.9	200,300	197,600
140	54.3	169.3	187,000	184,500
145	52.5	165.5	174,800	172,400
150	50.7	161.4	163,400	161,200
155	48.8	157.1	152,900	150,900
160	46.8	152.4	143,200	141,300
165	44.8	147.4	134,100	132,300
170	42.7	142.1	125,600	123,900
175	40.5	136.3	117,600	116,100
180	38.2	130.0	110,200	108,400 *
185	35.8	123.2	101,900 *	
190	33.2	115.7	94,000 *	
195	30.4	107.4	86,500 *	
200	27.4	98.1	79,400 *	

### 100 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>225 ft. Boom</b>	
60	80.7	230.1	764,200 *c	749,800 *b
65	79.5	229.1	696,300 c	687,900 b
70	78.2	228.1	614,500 c	606,900 b
75	76.8	226.9	547,600 c	540,800 b
80	75.5	225.6	491,900 c	485,700 b
85	74.2	224.2	444,800 c	439,100 b
90	72.9	222.7	404,400 c	399,200 b
95	71.5	221.0	369,400 b	364,600 b
100	70.2	219.2	338,800 b	334,300 b
105	68.8	217.2	311,800 b	307,600 b
110	67.4	215.2	287,800 b	283,900 b
115	66.0	212.9	266,300 b	262,600 b
120	64.6	210.6	247,000 b	243,500 b
125	63.2	208.1	229,500 b	226,200 b
130	61.8	205.4	213,600 b	210,500 b
135	60.3	202.5	199,000 b	196,100
140	58.8	199.5	185,700 b	182,900
145	57.3	196.3	173,400 b	170,800
150	55.8	192.9	162,100 b	159,600
155	54.2	189.3	151,500	149,300
160	52.6	185.5	141,800	139,600
165	51.0	181.5	132,700	130,600
170	49.3	177.2	124,200	122,300
175	47.6	172.7	116,200	114,400
180	45.8	167.8	108,800	106,500 *
185	44.0	162.7	100,400 *	98,200 *
190	42.1	157.2	92,500 *	90,500 *
195	40.1	151.3	85,000 *	83,200 *
200	38.1	145.0	78,000 *	76,200 *
205	35.9	138.2	71,300 *	
210	33.6	130.8	64,900 *	
215	31.2	122.8	58,900 *	
220	28.6	113.8	53,100 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 100 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	653,200 *c	638,500 *c
70	79.4	253.6	612,400 c	604,700 b
75	78.2	252.6	545,400 c	538,600 b
80	77.0	251.4	489,700 c	483,400 b
85	75.8	250.2	442,600 c	436,800 b
90	74.6	248.8	402,200 c	396,900 b
95	73.4	247.3	367,200 c	362,200 b
100	72.2	245.7	336,600 c	332,000 b
105	71.0	244.0	309,500 b	305,300 b
110	69.8	242.1	285,500 b	281,500 b
115	68.6	240.2	264,000 b	260,300 b
120	67.3	238.1	244,700 b	241,100 b
125	66.1	235.9	227,200 b	223,800 b
130	64.8	233.5	211,300 b	208,100 b
135	63.5	231.0	196,700 b	193,700 b
140	62.2	228.4	183,400 b	180,600 b
145	60.9	225.6	171,100 b	168,400 b
150	59.6	222.7	159,800 b	157,200
155	58.3	219.6	149,300 b	146,900
160	56.9	216.4	139,500 b	137,200
165	55.5	212.9	130,400 b	128,300
170	54.1	209.3	121,900 b	119,900
175	52.6	205.5	114,000	112,000
180	51.2	201.5	106,300 *	103,800 *
185	49.7	197.3	97,900 *	95,500 *
190	48.1	192.8	90,000 *	87,700 *
195	46.6	188.1	82,500 *	80,400 *
200	45.0	183.2	75,500 *	73,500 *
205	43.3	177.9	68,800 *	66,900 *
210	41.6	172.3	62,500 *	60,700 *
215	39.8	166.4	56,500 *	54,800 *
220	37.9	160.0	50,700 *	49,200 *
225	36.0	153.2	45,300 *	
230	34.0	145.9	40,100 *	
235	31.8	138.0	35,100 *	
240	29.5	129.4	30,400 *	

### 100 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>275 ft. Boom</b>				
70	80.3	279.1	567,000 *c	562,000 *b
75	79.3	278.1	542,300 c	535,400 b
80	78.2	277.1	486,800 c	480,500 b
85	77.1	275.9	439,800 c	434,000 b
90	76.1	274.7	399,600 b	394,200 b
95	75.0	273.3	364,700 b	359,800 b
100	73.9	271.9	334,200 b	329,600 b
105	72.8	270.4	307,300 b	303,000 b
110	71.7	268.7	283,400 b	279,300 b
115	70.6	266.9	262,000 b	258,100 b
120	69.5	265.1	242,700 b	239,100 b
125	68.4	263.1	225,300 b	221,900
130	67.3	261.0	209,400 b	206,200
135	66.1	258.8	194,900 b	191,900
140	65.0	256.4	181,700 b	178,800
145	63.8	254.0	169,500 b	166,700
150	62.6	251.4	158,200 b	155,500
155	61.4	248.7	147,700 b	145,200
160	60.2	245.8	138,000	135,600
165	59.0	242.8	129,000	126,700
170	57.8	239.7	120,500	118,400
175	56.6	236.4	112,600	110,600
180	55.3	232.9	105,000 *	102,300 *
185	54.0	229.3	96,600 *	94,100 *
190	52.7	225.5	88,700 *	86,300 *
195	51.4	221.5	81,300 *	79,000 *
200	50.0	217.4	74,300 *	72,100 *
205	48.6	213.0	67,600 *	65,600 *
210	47.2	208.4	61,400 *	59,400 *
215	45.8	203.5	55,400 *	53,500 *
220	44.3	198.4	49,700 *	47,900 *
225	42.7	193.1	44,300 *	42,600 *
230	41.2	187.4	39,200 *	37,600 *
235	39.5	181.4	34,200 *	32,700 *



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 100 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At	
			10 Degree Offset	20 Degree Offset
<b>300 ft. Boom</b>				
75	80.2	303.6	482,700 *c	471,300 *b
80	79.2	302.6	480,100 *c	471,300 *b
85	78.2	301.6	437,600 c	431,700 b
90	77.3	300.4	397,200 c	391,800 b
95	76.3	299.2	362,300 c	357,300 b
100	75.3	297.9	331,800 b	327,100 b
105	74.3	296.5	304,800 b	300,400 b
110	73.3	295.0	280,900 b	276,700 b
115	72.3	293.4	259,400 b	255,500 b
120	71.3	291.7	240,100 b	236,400 b
125	70.3	289.9	222,700 b	219,200 b
130	69.2	288.0	206,800 b	203,500 b
135	68.2	286.0	192,300 b	189,200 b
140	67.2	283.9	179,000 b	176,000 b
145	66.1	281.7	166,800 b	163,900 b
150	65.1	279.4	155,500 b	152,800 b
155	64.0	276.9	145,000 b	142,400 b
160	63.0	274.4	135,300 b	132,800
165	61.9	271.7	126,300 b	123,900
170	60.8	268.9	117,800 b	115,500

### 100 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At	
			10 Degree Offset	20 Degree Offset
<b>300 ft. Boom</b>				
175	59.7	266.0	109,900 b	107,700
180	58.5	263.0	101,800 *	99,000 *
185	57.4	259.8	93,400 *	90,800 *
190	56.3	256.4	85,500 *	83,000 *
195	55.1	253.0	78,100 *	75,600 *
200	53.9	249.3	71,000 *	68,700 *
205	52.7	245.5	64,400 *	62,100 *
210	51.5	241.6	58,100 *	55,900 *
215	50.3	237.4	52,100 *	50,000 *
220	49.0	233.1	46,400 *	44,400 *
225	47.7	228.6	41,000 *	39,100 *
230	46.4	223.8	35,800 *	34,000 *
235	45.1	218.9	30,900 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 120 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,135,600 *b	1,126,200 *b
50	77.9	130.1	1,044,900 *b	1,036,200 *b
55	75.5	128.8	921,900 b	909,100 b
60	73.1	127.3	790,700 b	779,700
65	70.7	125.5	688,800 b	679,300
70	68.2	123.5	607,400 b	599,000
75	65.7	121.3	540,800	533,300
80	63.2	118.8	485,300	478,700
85	60.5	115.9	438,400	432,400
90	57.8	112.8	398,100	392,800
95	55.0	109.3	363,200	358,500
100	52.2	105.5	332,700	328,500
105	49.1	101.2	305,800	302,000
110	46.0	96.4	281,800	278,400
115	42.6	91.1	260,300	257,300
120	39.0	85.0	240,900	238,300
125	35.1	78.1	223,300	
130	30.7	70.0	207,300	
<b>150 ft. Boom</b>				
50	79.9	155.6	1,036,600 *c	1,027,900 *b
55	78.0	154.6	922,500 b	909,600 b
60	76.0	153.3	791,500 b	780,300 b
65	74.0	151.9	689,700 b	679,900 b
70	72.0	150.3	608,300 b	599,600
75	70.0	148.5	541,800 b	534,000
80	67.9	146.4	486,400 b	479,400
85	65.9	144.2	439,500	433,200
90	63.7	141.7	399,300	393,600
95	61.6	139.0	364,500	359,300
100	59.3	136.1	334,000	329,300
105	57.1	132.9	307,200	302,800
110	54.7	129.3	283,200	279,300
115	52.3	125.5	261,800	258,200
120	49.8	121.3	242,600	239,300
125	47.2	116.7	225,100	222,100
130	44.5	111.7	209,200	206,500
135	41.7	106.2	194,700	192,300
140	38.7	100.0	181,400	179,200
145	35.4	93.2	169,100	
150	31.9	85.3	157,700	
155	27.9	76.3	147,100	

### 120 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	924,200 c	911,100 b
60	78.1	179.1	792,900 c	781,500 b
65	76.4	177.9	690,800 b	680,800 b
70	74.7	176.5	609,300 b	600,400 b
75	73.0	175.0	542,600 b	534,600 b
80	71.2	173.3	487,100 b	479,800
85	69.5	171.4	440,100 b	433,500
90	67.7	169.3	399,800 b	393,800
95	65.9	167.1	364,900 b	359,400
100	64.1	164.7	334,400	329,300
105	62.3	162.1	307,500	302,800
110	60.4	159.2	283,500	279,200
115	58.5	156.2	262,100	258,100
120	56.5	152.9	242,800	239,100
125	54.5	149.3	225,300	221,900
130	52.4	145.5	209,400	206,200
135	50.3	141.4	194,900	191,900
140	48.1	136.9	181,500	178,800
145	45.9	132.1	169,300	166,800
150	43.5	126.9	157,900	155,700
155	41.0	121.2	147,400	145,300
160	38.4	115.0	137,600	135,800
165	35.6	108.2	128,500	
170	32.6	100.6	119,900	
175	29.4	91.9	111,200 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 120 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>200 ft. Boom</b>	
55	81.0	205.6	895,800 *c	880,600 *b
60	79.6	204.6	792,300 c	780,700 b
65	78.1	203.6	690,200 c	680,000 b
70	76.6	202.4	608,600 b	599,500 b
75	75.2	201.1	541,900 b	533,700 b
80	73.7	199.6	486,300 b	478,900 b
85	72.2	198.0	439,300 b	432,500 b
90	70.6	196.2	399,100 b	392,800 b
95	69.1	194.3	364,200 b	358,400
100	67.6	192.3	333,600 b	328,300
105	66.0	190.0	306,700 b	301,800
110	64.4	187.6	282,700 b	278,200
115	62.8	185.1	261,300 b	257,000
120	61.2	182.3	242,000	238,000
125	59.5	179.4	224,500	220,800
130	57.8	176.3	208,700	205,200
135	56.1	172.9	194,100	190,900
140	54.3	169.3	180,800	177,800
145	52.5	165.5	168,600	165,700
150	50.7	161.4	157,300	154,600
155	48.8	157.1	146,800	144,300
160	46.8	152.4	137,000	134,700
165	44.8	147.4	127,900	125,800
170	42.7	142.1	119,400	117,500
175	40.5	136.3	110,900 *	108,500 *
180	38.2	130.0	102,000 *	99,800 *
185	35.8	123.2	93,700 *	
190	33.2	115.7	85,800 *	
195	30.4	107.4	78,300 *	
200	27.4	98.1	71,300 *	

### 120 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>225 ft. Boom</b>	
60	80.7	230.1	759,000 *c	742,700 *b
65	79.5	229.1	690,300 c	680,000 b
70	78.2	228.1	608,500 c	599,300 b
75	76.8	226.9	541,700 c	533,400 b
80	75.5	225.6	486,000 b	478,400 b
85	74.2	224.2	438,900 b	432,000 b
90	72.9	222.7	398,500 b	392,100 b
95	71.5	221.0	363,500 b	357,600 b
100	70.2	219.2	332,900 b	327,500 b
105	68.8	217.2	305,900 b	300,800 b
110	67.4	215.2	281,900 b	277,200
115	66.0	212.9	260,500 b	256,000
120	64.6	210.6	241,100 b	236,900
125	63.2	208.1	223,600 b	219,700
130	61.8	205.4	207,700 b	204,000
135	60.3	202.5	193,200	189,700
140	58.8	199.5	179,800	176,600
145	57.3	196.3	167,600	164,500
150	55.8	192.9	156,200	153,300
155	54.2	189.3	145,700	143,000
160	52.6	185.5	136,000	133,400
165	51.0	181.5	126,900	124,400
170	49.3	177.2	118,400	116,100
175	47.6	172.7	109,900 *	107,000 *
180	45.8	167.8	101,000 *	98,300 *
185	44.0	162.7	92,600 *	90,100 *
190	42.1	157.2	84,800 *	82,400 *
195	40.1	151.3	77,300 *	75,100 *
200	38.1	145.0	70,300 *	68,200 *
205	35.9	138.2	63,600 *	
210	33.6	130.8	57,200 *	
215	31.2	122.8	51,200 *	
220	28.6	113.8	45,400 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 120 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	648,200 *c	631,700 *b
70	79.4	253.6	606,500 c	597,200 b
75	78.2	252.6	539,600 c	531,300 b
80	77.0	251.4	483,900 c	476,300 b
85	75.8	250.2	436,800 c	429,800 b
90	74.6	248.8	396,400 b	390,000 b
95	73.4	247.3	361,500 b	355,500 b
100	72.2	245.7	330,900 b	325,300 b
105	71.0	244.0	303,900 b	298,700 b
110	69.8	242.1	279,900 b	275,000 b
115	68.6	240.2	258,400 b	253,800 b
120	67.3	238.1	239,000 b	234,800 b
125	66.1	235.9	221,600 b	217,500
130	64.8	233.5	205,600 b	201,800
135	63.5	231.0	191,100 b	187,500
140	62.2	228.4	177,800 b	174,400
145	60.9	225.6	165,500 b	162,300
150	59.6	222.7	154,200	151,100
155	58.3	219.6	143,700	140,800
160	56.9	216.4	134,000	131,200
165	55.5	212.9	124,900	122,300
170	54.1	209.3	116,400	113,900
175	52.6	205.5	107,800 *	104,600 *
180	51.2	201.5	98,900 *	95,900 *
185	49.7	197.3	90,500 *	87,600 *
190	48.1	192.8	82,600 *	79,900 *
195	46.6	188.1	75,100 *	72,600 *
200	45.0	183.2	68,100 *	65,700 *
205	43.3	177.9	61,400 *	59,200 *
210	41.6	172.3	55,100 *	53,000 *
215	39.8	166.4	49,100 *	47,100 *
220	37.9	160.0	43,400 *	41,500 *
225	36.0	153.2	37,900 *	
230	34.0	145.9	32,700 *	

### 120 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>275 ft. Boom</b>				
70	80.3	279.1	565,500 *c	560,800 *b
75	79.3	278.1	536,600 b	528,200 b
80	78.2	277.1	481,100 b	473,500 b
85	77.1	275.9	434,200 b	427,200 b
90	76.1	274.7	394,000 b	387,500 b
95	75.0	273.3	359,100 b	353,100 b
100	73.9	271.9	328,600 b	323,000 b
105	72.8	270.4	301,800 b	296,500
110	71.7	268.7	277,800 b	272,900
115	70.6	266.9	256,500 b	251,800
120	69.5	265.1	237,200 b	232,800
125	68.4	263.1	219,800 b	215,700
130	67.3	261.0	204,000 b	200,100
135	66.1	258.8	189,500	185,800
140	65.0	256.4	176,200	172,700
145	63.8	254.0	164,000	160,700
150	62.6	251.4	152,800	149,600
155	61.4	248.7	142,300	139,300
160	60.2	245.8	132,600	129,700
165	59.0	242.8	123,600	120,800
170	57.8	239.7	115,100	112,500
175	56.6	236.4	106,700 *	103,300 *
180	55.3	232.9	97,800 *	94,600 *
185	54.0	229.3	89,400 *	86,400 *
190	52.7	225.5	81,500 *	78,700 *
195	51.4	221.5	74,100 *	71,400 *
200	50.0	217.4	67,100 *	64,500 *
205	48.6	213.0	60,500 *	58,000 *
210	47.2	208.4	54,200 *	51,900 *
215	45.8	203.5	48,300 *	46,000 *
220	44.3	198.4	42,600 *	40,500 *
225	42.7	193.1	37,200 *	35,200 *
230	41.2	187.4	32,100 *	30,200 *





# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 120 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At	Jib At
			10 Degree Offset	20 Degree Offset
<b>300 ft. Boom</b>				
75	80.2	303.6	474,300 *c	462,000 *b
80	79.2	302.6	474,300 *c	462,000 *b
85	78.2	301.6	432,100 b	425,000 b
90	77.3	300.4	391,800 b	385,300 b
95	76.3	299.2	356,900 b	350,800 b
100	75.3	297.9	326,400 b	320,700 b
105	74.3	296.5	299,500 b	294,100 b
110	73.3	295.0	275,500 b	270,500 b
115	72.3	293.4	254,100 b	249,400 b
120	71.3	291.7	234,800 b	230,400
125	70.3	289.9	217,400 b	213,200
130	69.2	288.0	201,500 b	197,500
135	68.2	286.0	187,000 b	183,200
140	67.2	283.9	173,800 b	170,200
145	66.1	281.7	161,500 b	158,100
150	65.1	279.4	150,300 b	147,000
155	64.0	276.9	139,800	136,700
160	63.0	274.4	130,100	127,100
165	61.9	271.7	121,100	118,200
170	60.8	268.9	112,600	109,700 *

### 120 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At	Jib At
			10 Degree Offset	20 Degree Offset
<b>300 ft. Boom</b>				
175	59.7	266.0	103,800 *	100,300 *
180	58.5	263.0	94,900 *	91,500 *
185	57.4	259.8	86,500 *	83,300 *
190	56.3	256.4	78,600 *	75,500 *
195	55.1	253.0	71,200 *	68,200 *
200	53.9	249.3	64,100 *	61,300 *
205	52.7	245.5	57,500 *	54,800 *
210	51.5	241.6	51,200 *	48,600 *
215	50.3	237.4	45,200 *	42,700 *
220	49.0	233.1	39,500 *	37,200 *
225	47.7	228.6	34,100 *	31,900 *



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 140 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,129,300 *b	1,118,300 *b
50	77.9	130.1	1,038,400 *b	1,028,300 *
55	75.5	128.8	913,200 b	898,300
60	73.1	127.3	782,300 b	769,500
65	70.7	125.5	680,700	669,500
70	68.2	123.5	599,400	589,600
75	65.7	121.3	532,900	524,200
80	63.2	118.8	477,600	469,800
85	60.5	115.9	430,800	423,800
90	57.8	112.8	390,600	384,400
95	55.0	109.3	355,800	350,300
100	52.2	105.5	325,400	320,400
105	49.1	101.2	298,500	294,100
110	46.0	96.4	274,500	270,700
115	42.6	91.1	253,100	249,700
120	39.0	85.0	233,800	230,900
125	35.1	78.1	216,300	
130	30.7	70.0	200,300	

### 140 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>150 ft. Boom</b>				
50	79.9	155.6	1,030,400 *b	1,020,100 *b
55	78.0	154.6	914,400 b	899,200
60	76.0	153.3	783,700 b	770,500
65	74.0	151.9	682,100 b	670,600
70	72.0	150.3	600,900	590,700
75	70.0	148.5	534,600	525,500
80	67.9	146.4	479,300	471,100
85	65.9	144.2	432,500	425,100
90	63.7	141.7	392,400	385,800
95	61.6	139.0	357,700	351,600
100	59.3	136.1	327,300	321,800
105	57.1	132.9	300,500	295,500
110	54.7	129.3	276,700	272,100
115	52.3	125.5	255,300	251,100
120	49.8	121.3	236,100	232,300
125	47.2	116.7	218,700	215,300
130	44.5	111.7	202,900	199,800
135	41.7	106.2	188,400	185,600
140	38.7	100.0	175,100	172,700
145	35.4	93.2	162,800	
150	31.9	85.3	151,500	
155	27.9	76.3	141,000	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 140 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	916,600 <b>b</b>	901,200 <b>b</b>
60	78.1	179.1	785,600 <b>b</b>	772,200 <b>b</b>
65	76.4	177.9	683,800 <b>b</b>	672,000
70	74.7	176.5	602,400 <b>b</b>	592,000
75	73.0	175.0	535,900 <b>b</b>	526,500
80	71.2	173.3	480,500 <b>b</b>	472,000
85	69.5	171.4	433,600	425,900
90	67.7	169.3	393,400	386,400
95	65.9	167.1	358,600	352,200
100	64.1	164.7	328,200	322,300
105	62.3	162.1	301,300	295,900
110	60.4	159.2	277,400	272,400
115	58.5	156.2	256,000	251,400
120	56.5	152.9	236,800	232,500
125	54.5	149.3	219,400	215,400
130	52.4	145.5	203,500	199,800
135	50.3	141.4	189,000	185,600
140	48.1	136.9	175,700	172,600
145	45.9	132.1	163,500	160,700
150	43.5	126.9	152,200	149,600
155	41.0	121.2	141,700	139,400
160	38.4	115.0	132,000	129,800
165	35.6	108.2	122,900	
170	32.6	100.6	113,300 *	
175	29.4	91.9	103,800 *	

### 140 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>200 ft. Boom</b>				
55	81.0	205.6	889,600 * <b>b</b>	872,500 * <b>b</b>
60	79.6	204.6	785,400 <b>b</b>	771,900 <b>b</b>
65	78.1	203.6	683,500 <b>b</b>	671,600 <b>b</b>
70	76.6	202.4	602,100 <b>b</b>	591,500
75	75.2	201.1	535,600 <b>b</b>	526,000
80	73.7	199.6	480,200 <b>b</b>	471,500
85	72.2	198.0	433,300 <b>b</b>	425,300
90	70.6	196.2	393,100 <b>b</b>	385,800
95	69.1	194.3	358,300	351,600
100	67.6	192.3	327,800	321,600
105	66.0	190.0	300,900	295,200
110	64.4	187.6	277,100	271,700
115	62.8	185.1	255,700	250,700
120	61.2	182.3	236,400	231,800
125	59.5	179.4	219,000	214,700
130	57.8	176.3	203,200	199,100
135	56.1	172.9	188,700	184,900
140	54.3	169.3	175,400	171,900
145	52.5	165.5	163,200	159,900
150	50.7	161.4	151,900	148,900
155	48.8	157.1	141,500	138,600
160	46.8	152.4	131,700	129,100
165	44.8	147.4	122,700	120,200 *
170	42.7	142.1	113,400 *	110,300 *
175	40.5	136.3	103,900 *	101,200 *
180	38.2	130.0	95,100 *	92,500 *
185	35.8	123.2	86,800 *	
190	33.2	115.7	78,900 *	
195	30.4	107.4	71,500 *	
200	27.4	98.1	64,500 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 140 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>225 ft. Boom</b>				
60	80.7	230.1	753,000 *c	734,900 *b
65	79.5	229.1	684,100 b	672,000 b
70	78.2	228.1	602,500 b	591,700 b
75	76.8	226.9	535,800 b	526,000 b
80	75.5	225.6	480,200 b	471,300 b
85	74.2	224.2	433,200 b	425,100
90	72.9	222.7	392,900 b	385,500
95	71.5	221.0	358,000 b	351,100
100	70.2	219.2	327,500 b	321,100
105	68.8	217.2	300,600 b	294,600
110	67.4	215.2	276,600	271,100
115	66.0	212.9	255,200	250,000
120	64.6	210.6	235,900	231,000
125	63.2	208.1	218,400	213,900
130	61.8	205.4	202,600	198,300
135	60.3	202.5	188,100	184,000
140	58.8	199.5	174,800	170,900
145	57.3	196.3	162,500	158,900
150	55.8	192.9	151,200	147,800
155	54.2	189.3	140,700	137,600
160	52.6	185.5	131,000	128,000
165	51.0	181.5	121,900	119,100
170	49.3	177.2	112,800 *	109,300 *
175	47.6	172.7	103,400 *	100,000 *
180	45.8	167.8	94,500 *	91,400 *
185	44.0	162.7	86,100 *	83,200 *
190	42.1	157.2	78,300 *	75,500 *
195	40.1	151.3	70,800 *	68,300 *
200	38.1	145.0	63,800 *	61,500 *
205	35.9	138.2	57,200 *	
210	33.6	130.8	50,900 *	
215	31.2	122.8	44,800 *	
220	28.6	113.8	39,100 *	

### 140 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	642,400 *c	624,100 *b
70	79.4	253.6	600,600 c	589,700 b
75	78.2	252.6	533,800 b	524,000 b
80	77.0	251.4	478,300 b	469,400 b
85	75.8	250.2	431,300 b	423,100 b
90	74.6	248.8	391,000 b	383,500 b
95	73.4	247.3	356,100 b	349,100
100	72.2	245.7	325,600 b	319,100
105	71.0	244.0	298,600 b	292,600
110	69.8	242.1	274,700 b	269,000
115	68.6	240.2	253,300 b	248,000
120	67.3	238.1	234,000 b	229,000
125	66.1	235.9	216,500	211,800
130	64.8	233.5	200,700	196,200
135	63.5	231.0	186,200	182,000
140	62.2	228.4	172,900	168,900
145	60.9	225.6	160,700	156,900
150	59.6	222.7	149,400	145,800
155	58.3	219.6	138,900	135,500
160	56.9	216.4	129,200	126,000
165	55.5	212.9	120,100	117,100 *
170	54.1	209.3	111,000 *	107,100 *
175	52.6	205.5	101,500 *	97,800 *
180	51.2	201.5	92,600 *	89,100 *
185	49.7	197.3	84,200 *	81,000 *
190	48.1	192.8	76,400 *	73,300 *
195	46.6	188.1	68,900 *	66,000 *
200	45.0	183.2	61,900 *	59,200 *
205	43.3	177.9	55,300 *	52,700 *
210	41.6	172.3	49,000 *	46,600 *
215	39.8	166.4	43,000 *	40,700 *
220	37.9	160.0	37,300 *	35,200 *
225	36.0	153.2	31,900 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 140 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>275 ft. Boom</b>				
70	80.3	279.1	564,600 *b	560,300 *b
75	79.3	278.1	530,900 b	521,100
80	78.2	277.1	475,500 b	466,600
85	77.1	275.9	428,700 b	420,500
90	76.1	274.7	388,600 b	381,000
95	75.0	273.3	353,900 b	346,800
100	73.9	271.9	323,500 b	316,900
105	72.8	270.4	296,700 b	290,500
110	71.7	268.7	272,800	267,100
115	70.6	266.9	251,500	246,100
120	69.5	265.1	232,300	227,200
125	68.4	263.1	214,900	210,100
130	67.3	261.0	199,100	194,600
135	66.1	258.8	184,700	180,400
140	65.0	256.4	171,500	167,400
145	63.8	254.0	159,300	155,400
150	62.6	251.4	148,100	144,400
155	61.4	248.7	137,700	134,200
160	60.2	245.8	128,000	124,700
165	59.0	242.8	119,000	115,800
170	57.8	239.7	110,000 *	106,000 *
175	56.6	236.4	100,600 *	96,700 *
180	55.3	232.9	91,700 *	88,000 *
185	54.0	229.3	83,400 *	79,900 *
190	52.7	225.5	75,500 *	72,200 *
195	51.4	221.5	68,100 *	65,000 *
200	50.0	217.4	61,200 *	58,200 *
205	48.6	213.0	54,600 *	51,700 *
210	47.2	208.4	48,300 *	45,600 *
215	45.8	203.5	42,400 *	39,800 *
220	44.3	198.4	36,700 *	34,300 *
225	42.7	193.1	31,400 *	

### 140 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>300 ft. Boom</b>				
75	80.2	303.6	466,000 *b	452,800 *b
80	79.2	302.6	466,000 *b	452,800 *b
85	78.2	301.6	426,800 b	418,500
90	77.3	300.4	386,700 b	379,000
95	76.3	299.2	351,800 b	344,700
100	75.3	297.9	321,400 b	314,800
105	74.3	296.5	294,500 b	288,300
110	73.3	295.0	270,700 b	264,800
115	72.3	293.4	249,300 b	243,800
120	71.3	291.7	230,100 b	224,900
125	70.3	289.9	212,700	207,800
130	69.2	288.0	196,900	192,200
135	68.2	286.0	182,400	178,000
140	67.2	283.9	169,200	165,000
145	66.1	281.7	157,000	153,000
150	65.1	279.4	145,700	141,900
155	64.0	276.9	135,300	131,700
160	63.0	274.4	125,600	122,200
165	61.9	271.7	116,600	113,200 *
170	60.8	268.9	107,400 *	103,200 *
175	59.7	266.0	97,900 *	93,900 *
180	58.5	263.0	89,000 *	85,200 *
185	57.4	259.8	80,700 *	77,000 *
190	56.3	256.4	72,800 *	69,300 *
195	55.1	253.0	65,400 *	62,000 *
200	53.9	249.3	58,400 *	55,200 *
205	52.7	245.5	51,800 *	48,700 *
210	51.5	241.6	45,500 *	42,500 *
215	50.3	237.4	39,500 *	36,700 *
220	49.0	233.1	33,900 *	31,200 *



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 160 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,122,600 *b	1,109,700 *
50	77.9	130.1	1,031,500 *b	1,019,700 *
55	75.5	128.8	904,000	886,400
60	73.1	127.3	773,300	758,300
65	70.7	125.5	671,900	658,800
70	68.2	123.5	590,800	579,300
75	65.7	121.3	524,500	514,300
80	63.2	118.8	469,300	460,200
85	60.5	115.9	422,500	414,400
90	57.8	112.8	382,500	375,200
95	55.0	109.3	347,800	341,300
100	52.2	105.5	317,400	311,600
105	49.1	101.2	290,600	285,400
110	46.0	96.4	266,700	262,200
115	42.6	91.1	245,400	241,400
120	39.0	85.0	226,100	222,700
125	35.1	78.1	208,700	
130	30.7	70.0	192,800	
<b>150 ft. Boom</b>				
50	79.9	155.6	1,023,800 *b	1,011,800 *
55	78.0	154.6	905,800 b	887,900
60	76.0	153.3	775,300 b	759,900
65	74.0	151.9	674,000	660,500
70	72.0	150.3	593,000	581,100
75	70.0	148.5	526,800	516,100
80	67.9	146.4	471,600	462,100
85	65.9	144.2	425,000	416,400
90	63.7	141.7	385,000	377,200
95	61.6	139.0	350,400	343,300
100	59.3	136.1	320,100	313,600
105	57.1	132.9	293,300	287,400
110	54.7	129.3	269,600	264,200
115	52.3	125.5	248,300	243,400
120	49.8	121.3	229,100	224,700
125	47.2	116.7	211,800	207,800
130	44.5	111.7	196,000	192,400
135	41.7	106.2	181,500	178,300
140	38.7	100.0	168,300	165,500
145	35.4	93.2	156,100	
150	31.9	85.3	144,800	
155	27.9	76.3	134,300	

### 160 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	908,500 b	890,400
60	78.1	179.1	777,700 b	762,100
65	76.4	177.9	676,200 b	662,400
70	74.7	176.5	595,000 b	582,800
75	73.0	175.0	528,700	517,700
80	71.2	173.3	473,400	463,500
85	69.5	171.4	426,600	417,600
90	67.7	169.3	386,600	378,400
95	65.9	167.1	351,900	344,300
100	64.1	164.7	321,500	314,600
105	62.3	162.1	294,700	288,300
110	60.4	159.2	270,900	265,000
115	58.5	156.2	249,500	244,100
120	56.5	152.9	230,300	225,300
125	54.5	149.3	213,000	208,300
130	52.4	145.5	197,200	192,900
135	50.3	141.4	182,700	178,800
140	48.1	136.9	169,500	165,900
145	45.9	132.1	157,300	154,000
150	43.5	126.9	146,000	143,000
155	41.0	121.2	135,600	132,800
160	38.4	115.0	125,900	122,700 *
165	35.6	108.2	115,200 *	
170	32.6	100.6	105,200 *	
175	29.4	91.9	95,800 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 160 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>200 ft. Boom</b>				
55	81.0	205.6	883,100 *b	863,700 *
60	79.6	204.6	778,100 b	762,200
65	78.1	203.6	676,500 b	662,500
70	76.6	202.4	595,300 b	582,800
75	75.2	201.1	528,900 b	517,600
80	73.7	199.6	473,600	463,400
85	72.2	198.0	426,800	417,500
90	70.6	196.2	386,700	378,200
95	69.1	194.3	352,000	344,100
100	67.6	192.3	321,600	314,400
105	66.0	190.0	294,800	288,100
110	64.4	187.6	271,000	264,700
115	62.8	185.1	249,600	243,800
120	61.2	182.3	230,400	225,000
125	59.5	179.4	213,100	208,000
130	57.8	176.3	197,300	192,600
135	56.1	172.9	182,800	178,400
140	54.3	169.3	169,600	165,500
145	52.5	165.5	157,400	153,600
150	50.7	161.4	146,200	142,600
155	48.8	157.1	135,700	132,400
160	46.8	152.4	126,000	122,500 *
165	44.8	147.4	115,900 *	112,100 *
170	42.7	142.1	105,800 *	102,300 *
175	40.5	136.3	96,400 *	93,200 *
180	38.2	130.0	87,600 *	84,700 *
185	35.8	123.2	79,300 *	
190	33.2	115.7	71,500 *	
195	30.4	107.4	64,100 *	
200	27.4	98.1	57,100 *	

### 160 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>225 ft. Boom</b>				
60	80.7	230.1	746,900 *b	726,700 *b
65	79.5	229.1	677,500 b	663,300
70	78.2	228.1	596,000 b	583,400
75	76.8	226.9	529,500 b	518,100
80	75.5	225.6	474,000 b	463,700
85	74.2	224.2	427,100 b	417,600
90	72.9	222.7	386,900 b	378,200
95	71.5	221.0	352,100	344,100
100	70.2	219.2	321,700	314,200
105	68.8	217.2	294,800	287,800
110	67.4	215.2	270,900	264,400
115	66.0	212.9	249,500	243,400
120	64.6	210.6	230,300	224,600
125	63.2	208.1	212,900	207,500
130	61.8	205.4	197,000	192,000
135	60.3	202.5	182,600	177,800
140	58.8	199.5	169,300	164,900
145	57.3	196.3	157,100	152,900
150	55.8	192.9	145,800	141,900
155	54.2	189.3	135,400	131,700
160	52.6	185.5	125,600	122,000 *
165	51.0	181.5	115,800 *	111,400 *
170	49.3	177.2	105,700 *	101,600 *
175	47.6	172.7	96,300 *	92,400 *
180	45.8	167.8	87,400 *	83,800 *
185	44.0	162.7	79,100 *	75,700 *
190	42.1	157.2	71,300 *	68,100 *
195	40.1	151.3	63,900 *	61,000 *
200	38.1	145.0	56,900 *	54,200 *
205	35.9	138.2	50,300 *	
210	33.6	130.8	44,000 *	
215	31.2	122.8	38,000 *	
220	28.6	113.8	32,300 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 160 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	636,600 *b	616,200 *b
70	79.4	253.6	594,300 b	581,600 b
75	78.2	252.6	527,700 b	516,200
80	77.0	251.4	472,300 b	461,800
85	75.8	250.2	425,400 b	415,800
90	74.6	248.8	385,200 b	376,400
95	73.4	247.3	350,400 b	342,200
100	72.2	245.7	319,900 b	312,400
105	71.0	244.0	293,100 b	286,000
110	69.8	242.1	269,200 b	262,600
115	68.6	240.2	247,800	241,600
120	67.3	238.1	228,600	222,800
125	66.1	235.9	211,200	205,700
130	64.8	233.5	195,400	190,200
135	63.5	231.0	180,900	176,000
140	62.2	228.4	167,600	163,000
145	60.9	225.6	155,400	151,100
150	59.6	222.7	144,200	140,000
155	58.3	219.6	133,700	129,800
160	56.9	216.4	124,000	120,100 *
165	55.5	212.9	114,300 *	109,600 *
170	54.1	209.3	104,200 *	99,700 *
175	52.6	205.5	94,700 *	90,500 *
180	51.2	201.5	85,800 *	81,800 *
185	49.7	197.3	77,500 *	73,700 *
190	48.1	192.8	69,700 *	66,100 *
195	46.6	188.1	62,300 *	58,900 *
200	45.0	183.2	55,300 *	52,100 *
205	43.3	177.9	48,700 *	45,700 *
210	41.6	172.3	42,400 *	39,600 *
215	39.8	166.4	36,400 *	33,900 *
220	37.9	160.0	30,800 *	

### 160 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>275 ft. Boom</b>				
70	80.3	279.1	563,900 *b	552,900 *
75	79.3	278.1	524,800 b	513,300
80	78.2	277.1	469,600 b	459,100
85	77.1	275.9	422,900 b	413,300
90	76.1	274.7	382,900 b	374,100
95	75.0	273.3	348,300	340,100
100	73.9	271.9	318,000	310,300
105	72.8	270.4	291,200	284,100
110	71.7	268.7	267,400	260,700
115	70.6	266.9	246,200	239,900
120	69.5	265.1	227,000	221,100
125	68.4	263.1	209,700	204,100
130	67.3	261.0	194,000	188,700
135	66.1	258.8	179,600	174,600
140	65.0	256.4	166,400	161,600
145	63.8	254.0	154,200	149,800
150	62.6	251.4	143,000	138,800
155	61.4	248.7	132,700	128,600
160	60.2	245.8	123,000	119,200
165	59.0	242.8	113,500 *	108,600 *
170	57.8	239.7	103,400 *	98,800 *
175	56.6	236.4	94,000 *	89,600 *
180	55.3	232.9	85,200 *	81,000 *
185	54.0	229.3	76,900 *	72,900 *
190	52.7	225.5	69,100 *	65,300 *
195	51.4	221.5	61,700 *	58,100 *
200	50.0	217.4	54,800 *	51,300 *
205	48.6	213.0	48,200 *	44,900 *
210	47.2	208.4	42,000 *	38,900 *
215	45.8	203.5	36,100 *	33,100 *
220	44.3	198.4	30,400 *	





# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 160 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At	
			10 Degree Offset	20 Degree Offset
<b>300 ft. Boom</b>				
75	80.2	303.6	458,200 *b	443,900 *
80	79.2	302.6	458,200 *b	443,900 *
85	78.2	301.6	421,200 b	411,500
90	77.3	300.4	381,200 b	372,200
95	76.3	299.2	346,500 b	338,100
100	75.3	297.9	316,100	308,300
105	74.3	296.5	289,300	282,000
110	73.3	295.0	265,500	258,700
115	72.3	293.4	244,200	237,800
120	71.3	291.7	225,000	219,000
125	70.3	289.9	207,700	201,900
130	69.2	288.0	191,900	186,500
135	68.2	286.0	177,500	172,400
140	67.2	283.9	164,300	159,400
145	66.1	281.7	152,100	147,500
150	65.1	279.4	140,900	136,500
155	64.0	276.9	130,500	126,300
160	63.0	274.4	120,900	116,700 *
165	61.9	271.7	111,200 *	106,100 *
170	60.8	268.9	101,100 *	96,200 *

### 160 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At	
			10 Degree Offset	20 Degree Offset
<b>300 ft. Boom</b>				
175	59.7	266.0	91,600 *	87,000 *
180	58.5	263.0	82,800 *	78,300 *
185	57.4	259.8	74,400 *	70,200 *
190	56.3	256.4	66,600 *	62,500 *
195	55.1	253.0	59,200 *	55,300 *
200	53.9	249.3	52,200 *	48,500 *
205	52.7	245.5	45,600 *	42,100 *
210	51.5	241.6	39,400 *	36,000 *
215	50.3	237.4	33,400 *	30,200 *



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 180 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,114,400 *	1,099,500 *
50	77.9	130.1	1,023,100 *	1,009,400 *
55	75.5	128.8	893,100	872,800
60	73.1	127.3	762,800	745,400
65	70.7	125.5	661,600	646,400
70	68.2	123.5	580,700	567,400
75	65.7	121.3	514,600	502,800
80	63.2	118.8	459,500	449,000
85	60.5	115.9	412,900	403,600
90	57.8	112.8	372,900	364,600
95	55.0	109.3	338,300	330,900
100	52.2	105.5	308,000	301,400
105	49.1	101.2	281,300	275,500
110	46.0	96.4	257,500	252,400
115	42.6	91.1	236,200	231,700
120	39.0	85.0	217,100	213,200
125	35.1	78.1	199,700	
130	30.7	70.0	183,900	
<b>150 ft. Boom</b>				
50	79.9	155.6	1,015,800 *b	1,001,900 *
55	78.0	154.6	895,600	874,900
60	76.0	153.3	765,500	747,700
65	74.0	151.9	664,400	648,800
70	72.0	150.3	583,700	569,900
75	70.0	148.5	517,600	505,300
80	67.9	146.4	462,600	451,600
85	65.9	144.2	416,100	406,200
90	63.7	141.7	376,300	367,300
95	61.6	139.0	341,700	333,600
100	59.3	136.1	311,500	304,100
105	57.1	132.9	284,900	278,100
110	54.7	129.3	261,100	255,000
115	52.3	125.5	239,900	234,400
120	49.8	121.3	220,800	215,800
125	47.2	116.7	203,500	199,000
130	44.5	111.7	187,800	183,700
135	41.7	106.2	173,400	169,800
140	38.7	100.0	160,300	157,100
145	35.4	93.2	148,100	
150	31.9	85.3	136,900	
155	27.9	76.3	125,000 *	

### 180 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	898,900 b	878,000
60	78.1	179.1	768,500	750,400
65	76.4	177.9	667,200	651,300
70	74.7	176.5	586,300	572,200
75	73.0	175.0	520,100	507,500
80	71.2	173.3	465,000	453,600
85	69.5	171.4	418,400	408,000
90	67.7	169.3	378,400	369,000
95	65.9	167.1	343,800	335,200
100	64.1	164.7	313,500	305,600
105	62.3	162.1	286,800	279,500
110	60.4	159.2	263,100	256,300
115	58.5	156.2	241,800	235,600
120	56.5	152.9	222,700	216,900
125	54.5	149.3	205,300	200,100
130	52.4	145.5	189,600	184,700
135	50.3	141.4	175,200	170,700
140	48.1	136.9	162,000	157,900
145	45.9	132.1	149,900	146,100
150	43.5	126.9	138,600	135,200
155	41.0	121.2	127,600 *	123,500 *
160	38.4	115.0	116,200 *	112,500 *
165	35.6	108.2	105,500 *	
170	32.6	100.6	95,500 *	
175	29.4	91.9	86,100 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 180 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>200 ft. Boom</b>				
55	81.0	205.6	875,000 *b	853,300 *
60	79.6	204.6	769,400 b	751,100
65	78.1	203.6	668,100 b	651,900
70	76.6	202.4	587,100	572,700
75	75.2	201.1	520,800	507,900
80	73.7	199.6	465,700	454,000
85	72.2	198.0	419,000	408,300
90	70.6	196.2	379,100	369,300
95	69.1	194.3	344,400	335,400
100	67.6	192.3	314,100	305,800
105	66.0	190.0	287,400	279,700
110	64.4	187.6	263,700	256,500
115	62.8	185.1	242,400	235,700
120	61.2	182.3	223,200	217,100
125	59.5	179.4	205,900	200,200
130	57.8	176.3	190,200	184,800
135	56.1	172.9	175,800	170,800
140	54.3	169.3	162,600	157,900
145	52.5	165.5	150,400	146,100
150	50.7	161.4	139,200	135,200
155	48.8	157.1	128,800	123,900 *
160	46.8	152.4	117,400 *	112,800 *
165	44.8	147.4	106,700 *	102,400 *
170	42.7	142.1	96,700 *	92,800 *
175	40.5	136.3	87,400 *	83,800 *
180	38.2	130.0	78,600 *	75,300 *
185	35.8	123.2	70,300 *	
190	33.2	115.7	62,600 *	
195	30.4	107.4	55,200 *	
200	27.4	98.1	48,300 *	

### 180 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>225 ft. Boom</b>				
60	80.7	230.1	739,100 *b	716,500 *
65	79.5	229.1	669,600 b	653,200
70	78.2	228.1	588,300 b	573,700
75	76.8	226.9	521,900	508,700
80	75.5	225.6	466,600	454,600
85	74.2	224.2	419,800	408,900
90	72.9	222.7	379,800	369,700
95	71.5	221.0	345,000	335,700
100	70.2	219.2	314,700	306,000
105	68.8	217.2	287,800	279,800
110	67.4	215.2	264,000	256,500
115	66.0	212.9	242,700	235,700
120	64.6	210.6	223,500	217,000
125	63.2	208.1	206,100	200,000
130	61.8	205.4	190,300	184,600
135	60.3	202.5	175,900	170,500
140	58.8	199.5	162,700	157,600
145	57.3	196.3	150,500	145,700
150	55.8	192.9	139,300	134,800
155	54.2	189.3	128,900	123,900 *
160	52.6	185.5	118,000 *	112,600 *
165	51.0	181.5	107,200 *	102,200 *
170	49.3	177.2	97,100 *	92,500 *
175	47.6	172.7	87,700 *	83,300 *
180	45.8	167.8	78,900 *	74,800 *
185	44.0	162.7	70,600 *	66,800 *
190	42.1	157.2	62,800 *	59,300 *
195	40.1	151.3	55,500 *	52,200 *
200	38.1	145.0	48,500 *	45,500 *
205	35.9	138.2	41,900 *	
210	33.6	130.8	35,600 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 180 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	629,000 *b	606,300 *
70	79.4	253.6	586,700 b	572,000
75	78.2	252.6	520,300 b	507,100
80	77.0	251.4	465,000 b	453,000
85	75.8	250.2	418,300 b	407,200
90	74.6	248.8	378,200	368,000
95	73.4	247.3	343,500	334,100
100	72.2	245.7	313,100	304,400
105	71.0	244.0	286,400	278,200
110	69.8	242.1	262,500	254,900
115	68.6	240.2	241,200	234,100
120	67.3	238.1	222,000	215,300
125	66.1	235.9	204,700	198,400
130	64.8	233.5	188,900	183,000
135	63.5	231.0	174,500	168,900
140	62.2	228.4	161,300	156,000
145	60.9	225.6	149,100	144,100
150	59.6	222.7	137,900	133,200
155	58.3	219.6	127,500	122,400 *
160	56.9	216.4	116,800 *	111,100 *
165	55.5	212.9	106,000 *	100,600 *
170	54.1	209.3	95,900 *	90,800 *
175	52.6	205.5	86,500 *	81,700 *
180	51.2	201.5	77,600 *	73,100 *
185	49.7	197.3	69,300 *	65,100 *
190	48.1	192.8	61,500 *	57,500 *
195	46.6	188.1	54,200 *	50,400 *
200	45.0	183.2	47,200 *	43,700 *
205	43.3	177.9	40,600 *	37,300 *
210	41.6	172.3	34,400 *	31,300 *

### 180 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>275 ft. Boom</b>				
70	80.3	279.1	557,700 *b	542,000 *
75	79.3	278.1	517,500	504,200
80	78.2	277.1	462,500	450,400
85	77.1	275.9	416,000	404,800
90	76.1	274.7	376,100	365,800
95	75.0	273.3	341,500	332,000
100	73.9	271.9	311,300	302,500
105	72.8	270.4	284,600	276,400
110	71.7	268.7	260,900	253,200
115	70.6	266.9	239,700	232,500
120	69.5	265.1	220,700	213,800
125	68.4	263.1	203,400	197,000
130	67.3	261.0	187,700	181,600
135	66.1	258.8	173,300	167,600
140	65.0	256.4	160,200	154,800
145	63.8	254.0	148,100	143,000
150	62.6	251.4	136,900	132,100
155	61.4	248.7	126,600	121,600 *
160	60.2	245.8	116,200 *	110,300 *
165	59.0	242.8	105,500 *	99,900 *
170	57.8	239.7	95,400 *	90,100 *
175	56.6	236.4	86,000 *	81,000 *
180	55.3	232.9	77,200 *	72,400 *
185	54.0	229.3	69,000 *	64,400 *
190	52.7	225.5	61,200 *	56,900 *
195	51.4	221.5	53,900 *	49,800 *
200	50.0	217.4	47,000 *	43,100 *
205	48.6	213.0	40,400 *	36,700 *
210	47.2	208.4	34,200 *	30,700 *



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 200 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>125 ft. Boom</b>	
45	80.2	131.2	1,108,100 *	1,091,000 *
50	77.9	130.1	1,016,400 *	1,000,800 *
55	75.5	128.8	884,100	860,700
60	73.1	127.3	753,900	733,900
65	70.7	125.5	652,800	635,400
70	68.2	123.5	572,000	556,700
75	65.7	121.3	506,000	492,400
80	63.2	118.8	450,900	438,900
85	60.5	115.9	404,400	393,700
90	57.8	112.8	364,500	354,900
95	55.0	109.3	329,900	321,400
100	52.2	105.5	299,700	292,100
105	49.1	101.2	273,000	266,200
110	46.0	96.4	249,200	243,300
115	42.6	91.1	228,000	222,800
120	39.0	85.0	208,800	204,400
125	35.1	78.1	191,500	
130	30.7	70.0	175,700	
<b>150 ft. Boom</b>				
50	79.9	155.6	1,009,500 *	993,600 *
55	78.0	154.6	887,300	863,500
60	76.0	153.3	757,300	736,900
65	74.0	151.9	656,400	638,500
70	72.0	150.3	575,800	559,900
75	70.0	148.5	509,800	495,700
80	67.9	146.4	454,900	442,200
85	65.9	144.2	408,500	397,000
90	63.7	141.7	368,700	358,300
95	61.6	139.0	334,200	324,800
100	59.3	136.1	304,000	295,500
105	57.1	132.9	277,400	269,600
110	54.7	129.3	253,700	246,600
115	52.3	125.5	232,500	226,100
120	49.8	121.3	213,500	207,700
125	47.2	116.7	196,200	191,000
130	44.5	111.7	180,500	175,800
135	41.7	106.2	166,200	162,000
140	38.7	100.0	153,000	149,300
145	35.4	93.2	140,900	
150	31.9	85.3	127,700 *	
155	27.9	76.3	115,400 *	

### 200 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>175 ft. Boom</b>	
55	79.7	180.1	891,200	867,200
60	78.1	179.1	761,000	740,200
65	76.4	177.9	659,900	641,600
70	74.7	176.5	579,100	562,800
75	73.0	175.0	513,000	498,400
80	71.2	173.3	457,900	444,800
85	69.5	171.4	411,400	399,500
90	67.7	169.3	371,500	360,600
95	65.9	167.1	336,900	327,000
100	64.1	164.7	306,700	297,600
105	62.3	162.1	280,000	271,600
110	60.4	159.2	256,300	248,500
115	58.5	156.2	235,100	227,900
120	56.5	152.9	216,000	209,400
125	54.5	149.3	198,700	192,600
130	52.4	145.5	183,000	177,400
135	50.3	141.4	168,600	163,400
140	48.1	136.9	155,400	150,700
145	45.9	132.1	143,300	138,700 *
150	43.5	126.9	131,200 *	125,900 *
155	41.0	121.2	118,900 *	114,100 *
160	38.4	115.0	107,500 *	103,200 *
165	35.6	108.2	96,800 *	
170	32.6	100.6	86,800 *	
175	29.4	91.9	77,500 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 200 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>200 ft. Boom</b>				
55	81.0	205.6	869,200 *b	844,700 *
60	79.6	204.6	762,500	741,400
65	78.1	203.6	661,300	642,700
70	76.6	202.4	580,400	563,900
75	75.2	201.1	514,300	499,400
80	73.7	199.6	459,200	445,700
85	72.2	198.0	412,600	400,300
90	70.6	196.2	372,700	361,400
95	69.1	194.3	338,100	327,700
100	67.6	192.3	307,900	298,300
105	66.0	190.0	281,200	272,300
110	64.4	187.6	257,400	249,200
115	62.8	185.1	236,200	228,500
120	61.2	182.3	217,100	210,000
125	59.5	179.4	199,800	193,200
130	57.8	176.3	184,100	177,900
135	56.1	172.9	169,700	163,900
140	54.3	169.3	156,500	151,100
145	52.5	165.5	144,400	139,400
150	50.7	161.4	133,200	127,000 *
155	48.8	157.1	120,900 *	115,100 *
160	46.8	152.4	109,400 *	104,000 *
165	44.8	147.4	98,700 *	93,800 *
170	42.7	142.1	88,700 *	84,200 *
175	40.5	136.3	79,400 *	75,200 *
180	38.2	130.0	70,700 *	66,900 *
185	35.8	123.2	62,400 *	
190	33.2	115.7	54,700 *	
195	30.4	107.4	47,400 *	
200	27.4	98.1	40,400 *	

### 200 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>225 ft. Boom</b>				
60	80.7	230.1	733,800 *b	708,700 *
65	79.5	229.1	663,300 b	644,500
70	78.2	228.1	582,200	565,400
75	76.8	226.9	515,800	500,700
80	75.5	225.6	460,600	446,900
85	74.2	224.2	413,900	401,300
90	72.9	222.7	373,900	362,300
95	71.5	221.0	339,200	328,500
100	70.2	219.2	308,800	298,900
105	68.8	217.2	282,100	272,900
110	67.4	215.2	258,300	249,700
115	66.0	212.9	237,000	228,900
120	64.6	210.6	217,800	210,300
125	63.2	208.1	200,400	193,400
130	61.8	205.4	184,700	178,100
135	60.3	202.5	170,300	164,100
140	58.8	199.5	157,100	151,200
145	57.3	196.3	144,900	139,400
150	55.8	192.9	133,700	127,600 *
155	54.2	189.3	122,000 *	115,500 *
160	52.6	185.5	110,500 *	104,400 *
165	51.0	181.5	99,700 *	94,000 *
170	49.3	177.2	89,700 *	84,300 *
175	47.6	172.7	80,300 *	75,300 *
180	45.8	167.8	71,500 *	66,800 *
185	44.0	162.7	63,200 *	58,900 *
190	42.1	157.2	55,500 *	51,400 *
195	40.1	151.3	48,100 *	44,300 *
200	38.1	145.0	41,200 *	37,700 *
205	35.9	138.2	34,600 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 200 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	623,900 *b	598,700 *
70	79.4	253.6	580,700 b	563,800
75	78.2	252.6	514,400	499,200
80	77.0	251.4	459,200	445,400
85	75.8	250.2	412,500	399,800
90	74.6	248.8	372,500	360,800
95	73.4	247.3	337,900	327,000
100	72.2	245.7	307,500	297,500
105	71.0	244.0	280,800	271,400
110	69.8	242.1	257,000	248,300
115	68.6	240.2	235,700	227,500
120	67.3	238.1	216,600	208,900
125	66.1	235.9	199,200	192,000
130	64.8	233.5	183,500	176,700
135	63.5	231.0	169,100	162,700
140	62.2	228.4	155,900	149,800
145	60.9	225.6	143,800	138,000
150	59.6	222.7	132,600	126,400 *
155	58.3	219.6	121,200 *	114,300 *
160	56.9	216.4	109,700 *	103,100 *
165	55.5	212.9	98,900 *	92,700 *
170	54.1	209.3	88,800 *	83,000 *
175	52.6	205.5	79,400 *	73,900 *
180	51.2	201.5	70,600 *	65,400 *
185	49.7	197.3	62,300 *	57,400 *
190	48.1	192.8	54,500 *	49,900 *
195	46.6	188.1	47,200 *	42,900 *
200	45.0	183.2	40,300 *	36,200 *
205	43.3	177.9	33,700 *	

### 200 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>275 ft. Boom</b>				
70	80.3	279.1	548,400 *	531,500 *
75	79.3	278.1	511,700	496,500
80	78.2	277.1	456,800	442,900
85	77.1	275.9	410,300	397,600
90	76.1	274.7	370,500	358,800
95	75.0	273.3	336,000	325,100
100	73.9	271.9	305,900	295,700
105	72.8	270.4	279,200	269,800
110	71.7	268.7	255,600	246,700
115	70.6	266.9	234,400	226,100
120	69.5	265.1	215,400	207,500
125	68.4	263.1	198,100	190,800
130	67.3	261.0	182,400	175,500
135	66.1	258.8	168,100	161,600
140	65.0	256.4	155,000	148,800
145	63.8	254.0	142,900	137,000
150	62.6	251.4	131,800	125,900 *
155	61.4	248.7	121,000 *	113,800 *
160	60.2	245.8	109,400 *	102,600 *
165	59.0	242.8	98,700 *	92,200 *
170	57.8	239.7	88,700 *	82,500 *
175	56.6	236.4	79,300 *	73,500 *
180	55.3	232.9	70,500 *	65,000 *
185	54.0	229.3	62,300 *	57,000 *
190	52.7	225.5	54,500 *	49,500 *
195	51.4	221.5	47,200 *	42,500 *
200	50.0	217.4	40,300 *	35,800 *
205	48.6	213.0	33,800 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 220 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,099,800 *	1,080,200 *
50	77.9	130.1	1,008,000 *	990,000 *
55	75.5	128.8	872,800	846,300
60	73.1	127.3	743,000	720,200
65	70.7	125.5	642,100	622,400
70	68.2	123.5	561,500	544,200
75	65.7	121.3	495,600	480,300
80	63.2	118.8	440,800	427,100
85	60.5	115.9	394,300	382,200
90	57.8	112.8	354,600	343,700
95	55.0	109.3	320,100	310,400
100	52.2	105.5	289,900	281,300
105	49.1	101.2	263,300	255,700
110	46.0	96.4	239,700	233,000
115	42.6	91.1	218,500	212,600
120	39.0	85.0	199,400	194,400
125	35.1	78.1	182,100	
130	30.7	70.0	166,400	
<b>150 ft. Boom</b>				
50	79.9	155.6	1,001,300 *	983,400 *
55	78.0	154.6	876,700	849,800
60	76.0	153.3	747,100	723,900
65	74.0	151.9	646,500	626,200
70	72.0	150.3	566,100	548,100
75	70.0	148.5	500,300	484,300
80	67.9	146.4	445,600	431,200
85	65.9	144.2	399,300	386,300
90	63.7	141.7	359,600	347,900
95	61.6	139.0	325,200	314,600
100	59.3	136.1	295,100	285,500
105	57.1	132.9	268,600	259,800
110	54.7	129.3	245,000	237,000
115	52.3	125.5	223,900	216,700
120	49.8	121.3	204,900	198,400
125	47.2	116.7	187,700	181,800
130	44.5	111.7	172,100	166,800
135	41.7	106.2	157,800	153,100
140	38.7	100.0	144,100 *	138,600 *
145	35.4	93.2	129,900 *	
150	31.9	85.3	116,700 *	
155	27.9	76.3	104,500 *	

### 220 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	881,400	854,100
60	78.1	179.1	751,500	727,900
65	76.4	177.9	650,700	630,000
70	74.7	176.5	570,100	551,700
75	73.0	175.0	504,200	487,700
80	71.2	173.3	449,300	434,400
85	69.5	171.4	402,900	389,400
90	67.7	169.3	363,100	350,800
95	65.9	167.1	328,700	317,400
100	64.1	164.7	298,500	288,200
105	62.3	162.1	271,900	262,400
110	60.4	159.2	248,300	239,500
115	58.5	156.2	227,100	219,000
120	56.5	152.9	208,100	200,600
125	54.5	149.3	190,800	184,000
130	52.4	145.5	175,200	168,900
135	50.3	141.4	160,900	155,100
140	48.1	136.9	147,700	141,500 *
145	45.9	132.1	134,300 *	127,800 *
150	43.5	126.9	121,000 *	115,100 *
155	41.0	121.2	108,800 *	103,400 *
160	38.4	115.0	97,400 *	92,600 *
165	35.6	108.2	86,800 *	
170	32.6	100.6	76,900 *	
175	29.4	91.9	67,600 *	





# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 220 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>200 ft. Boom</b>				
55	81.0	205.6	858,100 *	830,800 *
60	79.6	204.6	753,600	729,700
65	78.1	203.6	652,700	631,600
70	76.6	202.4	572,000	553,200
75	75.2	201.1	506,000	489,200
80	73.7	199.6	451,100	435,900
85	72.2	198.0	404,700	390,800
90	70.6	196.2	364,900	352,100
95	69.1	194.3	330,400	318,700
100	67.6	192.3	300,200	289,400
105	66.0	190.0	273,600	263,600
110	64.4	187.6	249,900	240,700
115	62.8	185.1	228,800	220,100
120	61.2	182.3	209,700	201,700
125	59.5	179.4	192,500	185,000
130	57.8	176.3	176,800	169,800
135	56.1	172.9	162,500	156,000
140	54.3	169.3	149,400	143,300
145	52.5	165.5	137,000 *	129,500 *
150	50.7	161.4	123,700 *	116,700 *
155	48.8	157.1	111,400 *	104,900 *
160	46.8	152.4	100,000 *	94,000 *
165	44.8	147.4	89,400 *	83,800 *
170	42.7	142.1	79,400 *	74,300 *
175	40.5	136.3	70,200 *	65,500 *
180	38.2	130.0	61,400 *	57,200 *
185	35.8	123.2	53,300 *	
190	33.2	115.7	45,600 *	
195	30.4	107.4	38,300 *	
200	27.4	98.1	31,400 *	

### 220 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>225 ft. Boom</b>				
60	80.7	230.1	725,900 *	698,200 *
65	79.5	229.1	655,200	633,900
70	78.2	228.1	574,300	555,300
75	76.8	226.9	508,100	491,000
80	75.5	225.6	453,000	437,500
85	74.2	224.2	406,500	392,200
90	72.9	222.7	366,500	353,400
95	71.5	221.0	331,900	319,900
100	70.2	219.2	301,700	290,500
105	68.8	217.2	275,000	264,600
110	67.4	215.2	251,200	241,500
115	66.0	212.9	230,000	221,000
120	64.6	210.6	210,900	202,400
125	63.2	208.1	193,600	185,700
130	61.8	205.4	177,900	170,400
135	60.3	202.5	163,500	156,500
140	58.8	199.5	150,300	143,800
145	57.3	196.3	138,200	130,700 *
150	55.8	192.9	125,600 *	117,800 *
155	54.2	189.3	113,200 *	105,800 *
160	52.6	185.5	101,700 *	94,800 *
165	51.0	181.5	90,900 *	84,500 *
170	49.3	177.2	80,900 *	74,900 *
175	47.6	172.7	71,600 *	66,000 *
180	45.8	167.8	62,800 *	57,600 *
185	44.0	162.7	54,600 *	49,700 *
190	42.1	157.2	46,800 *	42,300 *
195	40.1	151.3	39,500 *	35,300 *
200	38.1	145.0	32,600 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 220 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	616,400 *	588,600 *
70	79.4	253.6	573,000	553,900
75	78.2	252.6	506,900	489,600
80	77.0	251.4	451,800	436,200
85	75.8	250.2	405,300	390,900
90	74.6	248.8	365,400	352,200
95	73.4	247.3	330,800	318,600
100	72.2	245.7	300,600	289,300
105	71.0	244.0	273,900	263,400
110	69.8	242.1	250,200	240,400
115	68.6	240.2	229,000	219,800
120	67.3	238.1	209,900	201,200
125	66.1	235.9	192,600	184,500
130	64.8	233.5	176,900	169,300
135	63.5	231.0	162,600	155,400
140	62.2	228.4	149,400	142,600
145	60.9	225.6	137,300	129,900 *
150	59.6	222.7	125,100 *	116,900 *
155	58.3	219.6	112,700 *	105,000 *
160	56.9	216.4	101,200 *	93,900 *
165	55.5	212.9	90,500 *	83,500 *
170	54.1	209.3	80,400 *	73,900 *
175	52.6	205.5	71,100 *	64,900 *
180	51.2	201.5	62,300 *	56,500 *
185	49.7	197.3	54,100 *	48,600 *
190	48.1	192.8	46,300 *	41,100 *
195	46.6	188.1	39,000 *	34,100 *
200	45.0	183.2	32,100 *	

### 220 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>275 ft. Boom</b>				
70	80.3	279.1	539,500 *	521,300 *
75	79.3	278.1	504,300	487,000
80	78.2	277.1	449,500	433,800
85	77.1	275.9	403,200	388,800
90	76.1	274.7	363,500	350,200
95	75.0	273.3	329,200	316,800
100	73.9	271.9	299,100	287,600
105	72.8	270.4	272,600	261,900
110	71.7	268.7	249,000	239,000
115	70.6	266.9	227,900	218,500
120	69.5	265.1	208,900	200,100
125	68.4	263.1	191,700	183,400
130	67.3	261.0	176,100	168,200
135	66.1	258.8	161,800	154,400
140	65.0	256.4	148,800	141,700
145	63.8	254.0	136,700	129,500 *
150	62.6	251.4	125,100 *	116,600 *
155	61.4	248.7	112,700 *	104,700 *
160	60.2	245.8	101,200 *	93,600 *
165	59.0	242.8	90,500 *	83,300 *
170	57.8	239.7	80,600 *	73,700 *
175	56.6	236.4	71,200 *	64,700 *
180	55.3	232.9	62,500 *	56,300 *
185	54.0	229.3	54,300 *	48,400 *
190	52.7	225.5	46,600 *	41,000 *
195	51.4	221.5	39,300 *	34,000 *
200	50.0	217.4	32,400 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 240 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>125 ft. Boom</b>	
45	80.2	131.2	1,089,500 *	1,067,500 *
50	77.9	130.1	997,500 *	977,300 *
55	75.5	128.8	858,500	828,700
60	73.1	127.3	729,300	703,800
65	70.7	125.5	629,000	606,900
70	68.2	123.5	548,800	529,400
75	65.7	121.3	483,300	466,100
80	63.2	118.8	428,700	413,500
85	60.5	115.9	382,500	369,000
90	57.8	112.8	343,000	330,900
95	55.0	109.3	308,700	298,000
100	52.2	105.5	278,700	269,200
105	49.1	101.2	252,300	245,900
110	46.0	96.4	228,800	221,400
115	42.6	91.1	207,800	201,400
120	39.0	85.0	188,800	183,400
125	35.1	78.1	171,700	
130	30.7	70.0	155,000 *	
<b>150 ft. Boom</b>				
50	79.9	155.6	991,300 *	971,100 *
55	78.0	154.6	863,200	832,900
60	76.0	153.3	734,300	708,200
65	74.0	151.9	634,200	611,400
70	72.0	150.3	554,200	534,100
75	70.0	148.5	488,800	470,900
80	67.9	146.4	434,400	418,300
85	65.9	144.2	388,300	373,900
90	63.7	141.7	348,900	335,800
95	61.6	139.0	314,700	302,900
100	59.3	136.1	284,800	274,100
105	57.1	132.9	258,400	248,700
110	54.7	129.3	235,000	226,200
115	52.3	125.5	214,000	206,000
120	49.8	121.3	195,200	187,900
125	47.2	116.7	178,100	171,600
130	44.5	111.7	162,600	156,000 *
135	41.7	106.2	147,000 *	140,100 *
140	38.7	100.0	131,600 *	125,600 *
145	35.4	93.2	117,500 *	
150	31.9	85.3	104,500 *	
155	27.9	76.3	92,500 *	

### 240 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
			<b>175 ft. Boom</b>	
55	79.7	180.1	868,500	837,900
60	78.1	179.1	739,400	712,900
65	76.4	177.9	639,100	615,800
70	74.7	176.5	558,900	538,300
75	73.0	175.0	493,400	474,900
80	71.2	173.3	438,800	422,100
85	69.5	171.4	392,700	377,500
90	67.7	169.3	353,100	339,400
95	65.9	167.1	318,900	306,300
100	64.1	164.7	288,900	277,300
105	62.3	162.1	262,400	251,800
110	60.4	159.2	238,900	229,200
115	58.5	156.2	217,900	208,900
120	56.5	152.9	199,000	190,700
125	54.5	149.3	181,900	174,300
130	52.4	145.5	166,300	159,300
135	50.3	141.4	152,100	143,900 *
140	48.1	136.9	137,000 *	129,100 *
145	45.9	132.1	122,700 *	115,600 *
150	43.5	126.9	109,600 *	103,100 *
155	41.0	121.2	97,500 *	91,600 *
160	38.4	115.0	86,200 *	81,000 *
165	35.6	108.2	75,700 *	
170	32.6	100.6	65,900 *	
175	29.4	91.9	56,800 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 240 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>200 ft. Boom</b>				
55	81.0	205.6	850,300 *	820,100 *
60	79.6	204.6	742,100	715,200
65	78.1	203.6	641,700	618,100
70	76.6	202.4	561,500	540,400
75	75.2	201.1	495,900	477,000
80	73.7	199.6	441,200	424,100
85	72.2	198.0	395,000	379,500
90	70.6	196.2	355,500	341,200
95	69.1	194.3	321,200	308,000
100	67.6	192.3	291,200	279,100
105	66.0	190.0	264,700	253,500
110	64.4	187.6	241,200	230,800
115	62.8	185.1	220,100	210,500
120	61.2	182.3	201,200	192,200
125	59.5	179.4	184,000	175,700
130	57.8	176.3	168,500	160,700
135	56.1	172.9	154,200	146,400 *
140	54.3	169.3	140,500 *	131,500 *
145	52.5	165.5	126,200 *	117,800 *
150	50.7	161.4	113,000 *	105,200 *
155	48.8	157.1	100,800 *	93,600 *
160	46.8	152.4	89,400 *	82,800 *
165	44.8	147.4	78,900 *	72,800 *
170	42.7	142.1	69,100 *	63,500 *
175	40.5	136.3	59,800 *	54,800 *
180	38.2	130.0	51,200 *	46,600 *
185	35.8	123.2	43,100 *	
190	33.2	115.7	35,500 *	

### 240 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>225 ft. Boom</b>				
60	80.7	230.1	715,500 *	684,900 *
65	79.5	229.1	644,800	620,900
70	78.2	228.1	564,300	543,000
75	76.8	226.9	498,500	479,300
80	75.5	225.6	443,700	426,200
85	74.2	224.2	397,400	381,400
90	72.9	222.7	357,600	343,000
95	71.5	221.0	323,200	309,700
100	70.2	219.2	293,100	280,600
105	68.8	217.2	266,600	254,900
110	67.4	215.2	243,000	232,100
115	66.0	212.9	221,800	211,700
120	64.6	210.6	202,800	193,400
125	63.2	208.1	185,600	176,800
130	61.8	205.4	170,000	161,700
135	60.3	202.5	155,700	147,900
140	58.8	199.5	142,600	133,400 *
145	57.3	196.3	128,700 *	119,500 *
150	55.8	192.9	115,400 *	106,800 *
155	54.2	189.3	103,100 *	95,000 *
160	52.6	185.5	91,600 *	84,100 *
165	51.0	181.5	81,000 *	73,900 *
170	49.3	177.2	71,100 *	64,500 *
175	47.6	172.7	61,800 *	55,600 *
180	45.8	167.8	53,100 *	47,400 *
185	44.0	162.7	44,900 *	39,600 *
190	42.1	157.2	37,300 *	32,300 *
195	40.1	151.3	30,000 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 240 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	606,300 *	575,700 *
70	79.4	253.6	563,200	541,700
75	78.2	252.6	497,500	478,100
80	77.0	251.4	442,700	425,100
85	75.8	250.2	396,400	380,300
90	74.6	248.8	356,700	341,900
95	73.4	247.3	322,400	308,700
100	72.2	245.7	292,300	279,600
105	71.0	244.0	265,800	253,900
110	69.8	242.1	242,200	231,200
115	68.6	240.2	221,100	210,800
120	67.3	238.1	202,100	192,400
125	66.1	235.9	184,900	175,800
130	64.8	233.5	169,300	160,800
135	63.5	231.0	155,100	147,000

### 240 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
140	62.2	228.4	142,000	132,900 *
145	60.9	225.6	128,700 *	119,000 *
150	59.6	222.7	115,300 *	106,200 *
155	58.3	219.6	103,000 *	94,400 *
160	56.9	216.4	91,500 *	83,400 *
165	55.5	212.9	80,900 *	73,200 *
170	54.1	209.3	71,000 *	63,700 *
175	52.6	205.5	61,700 *	54,800 *
180	51.2	201.5	53,000 *	46,500 *
185	49.7	197.3	44,800 *	38,700 *
190	48.1	192.8	37,100 *	31,400 *



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 260 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,084,700 *	1,060,200 *
50	77.9	130.1	992,300 *	969,800 *
55	75.5	128.8	850,800	817,600
60	73.1	127.3	721,600	693,100
65	70.7	125.5	621,200	596,500
70	68.2	123.5	541,000	519,300
75	65.7	121.3	475,500	456,300
80	63.2	118.8	420,900	403,800
85	60.5	115.9	374,700	359,500
90	57.8	112.8	335,100	321,600
95	55.0	109.3	300,800	288,800
100	52.2	105.5	270,900	260,100
105	49.1	101.2	244,400	234,900
110	46.0	96.4	220,900	212,500
115	42.6	91.1	199,800	192,600
120	39.0	85.0	180,900	174,600 *
125	35.1	78.1	162,700 *	
130	30.7	70.0	144,300 *	
<b>150 ft. Boom</b>				
50	79.9	155.6	986,500 *	963,900 *
55	78.0	154.6	856,300	822,500
60	76.0	153.3	727,400	698,300
65	74.0	151.9	627,300	601,900
70	72.0	150.3	547,300	524,800
75	70.0	148.5	482,000	461,900
80	67.9	146.4	427,500	409,500
85	65.9	144.2	381,500	365,300
90	63.7	141.7	342,000	327,400
95	61.6	139.0	307,800	294,500
100	59.3	136.1	277,900	265,900
105	57.1	132.9	251,600	240,600
110	54.7	129.3	228,100	218,200
115	52.3	125.5	207,100	198,100
120	49.8	121.3	188,300	180,100
125	47.2	116.7	171,200	163,000 *
130	44.5	111.7	154,500 *	145,700 *
135	41.7	106.2	137,700 *	129,900 *
140	38.7	100.0	122,400 *	115,500 *
145	35.4	93.2	108,300 *	
150	31.9	85.3	95,300 *	
155	27.9	76.3	83,200 *	

### 260 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	862,400	828,200
60	78.1	179.1	733,200	703,700
65	76.4	177.9	632,900	607,000
70	74.7	176.5	552,800	529,700
75	73.0	175.0	487,300	466,600
80	71.2	173.3	432,700	414,000
85	69.5	171.4	386,500	369,600
90	67.7	169.3	347,000	331,600
95	65.9	167.1	312,700	298,600
100	64.1	164.7	282,800	269,800
105	62.3	162.1	256,300	244,400
110	60.4	159.2	232,800	221,900
115	58.5	156.2	211,800	201,700
120	56.5	152.9	192,900	183,600
125	54.5	149.3	175,700	167,200
130	52.4	145.5	160,200	150,600 *
135	50.3	141.4	144,200 *	134,600 *
140	48.1	136.9	128,800 *	119,900 *
145	45.9	132.1	114,500 *	106,500 *
150	43.5	126.9	101,400 *	94,100 *
155	41.0	121.2	89,300 *	82,700 *
160	38.4	115.0	78,000 *	72,100 *
165	35.6	108.2	67,500 *	
170	32.6	100.6	57,700 *	
175	29.4	91.9	48,600 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 260 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>200 ft. Boom</b>				
55	81.0	205.6	844,900 *	811,800 *
60	79.6	204.6	736,600	706,700
65	78.1	203.6	636,200	609,800
70	76.6	202.4	556,000	532,500
75	75.2	201.1	490,400	469,300
80	73.7	199.6	435,700	416,600
85	72.2	198.0	389,600	372,100
90	70.6	196.2	350,000	334,000
95	69.1	194.3	315,700	301,000
100	67.6	192.3	285,700	272,100
105	66.0	190.0	259,200	246,700
110	64.4	187.6	235,700	224,100
115	62.8	185.1	214,600	205,900
120	61.2	182.3	195,700	185,700
125	59.5	179.4	178,500	169,200
130	57.8	176.3	163,000	154,000 *
135	56.1	172.9	148,700 *	137,800 *
140	54.3	169.3	133,100 *	123,000 *
145	52.5	165.5	118,800 *	109,400 *
150	50.7	161.4	105,600 *	96,900 *
155	48.8	157.1	93,400 *	85,300 *
160	46.8	152.4	82,100 *	74,600 *
165	44.8	147.4	71,500 *	64,600 *
170	42.7	142.1	61,700 *	55,400 *
175	40.5	136.3	52,500 *	46,700 *
180	38.2	130.0	43,900 *	38,600 *
185	35.8	123.2	35,800 *	

### 260 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>225 ft. Boom</b>				
60	80.7	230.1	711,900 *	678,400 *
65	79.5	229.1	639,900	613,200
70	78.2	228.1	559,400	535,600
75	76.8	226.9	493,600	472,100
80	75.5	225.6	438,800	419,300
85	74.2	224.2	392,400	374,600
90	72.9	222.7	352,700	336,300
95	71.5	221.0	318,300	303,200
100	70.2	219.2	288,200	274,200
105	68.8	217.2	261,600	248,600
110	67.4	215.2	238,000	225,900
115	66.0	212.9	216,900	205,600
120	64.6	210.6	197,800	187,300
125	63.2	208.1	180,600	170,700
130	61.8	205.4	165,000	155,700
135	60.3	202.5	150,700	140,400 *
140	58.8	199.5	136,400 *	125,500 *
145	57.3	196.3	122,000 *	111,700 *
150	55.8	192.9	108,700 *	99,000 *
155	54.2	189.3	96,400 *	87,300 *
160	52.6	185.5	84,900 *	76,400 *
165	51.0	181.5	74,300 *	66,300 *
170	49.3	177.2	64,400 *	56,900 *
175	47.6	172.7	55,100 *	48,100 *
180	45.8	167.8	46,400 *	39,900 *
185	44.0	162.7	38,200 *	32,200 *
190	42.1	157.2	30,500 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 260 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	602,900 *	569,500 *
70	79.4	253.6	558,500	534,500
75	78.2	252.6	492,700	471,100
80	77.0	251.4	438,000	418,300
85	75.8	250.2	391,700	373,700
90	74.6	248.8	352,000	335,500
95	73.4	247.3	317,700	302,400
100	72.2	245.7	287,600	273,400
105	71.0	244.0	261,100	247,800
110	69.8	242.1	237,500	225,200
115	68.6	240.2	216,400	204,800
120	67.3	238.1	197,400	186,600
125	66.1	235.9	180,300	170,100
130	64.8	233.5	164,600	155,000
135	63.5	231.0	150,400	140,400 *

### 260 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
140	62.2	228.4	136,800 *	125,400 *
145	60.9	225.6	122,400 *	111,600 *
150	59.6	222.7	109,000 *	98,800 *
155	58.3	219.6	96,700 *	87,100 *
160	56.9	216.4	85,300 *	76,200 *
165	55.5	212.9	74,600 *	66,000 *
170	54.1	209.3	64,700 *	56,600 *
175	52.6	205.5	55,400 *	47,700 *
180	51.2	201.5	46,700 *	39,500 *
185	49.7	197.3	38,500 *	31,700 *
190	48.1	192.8	30,800 *	





# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 280 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,073,700 *	1,046,800 *
50	77.9	130.1	981,100 *	956,500 *
55	75.5	128.8	835,800	798,800
60	73.1	127.3	707,200	675,500
65	70.7	125.5	607,300	579,900
70	68.2	123.5	527,600	503,500
75	65.7	121.3	462,400	441,100
80	63.2	118.8	408,100	389,200
85	60.5	115.9	362,100	345,400
90	57.8	112.8	322,800	307,900
95	55.0	109.3	288,700	275,400
100	52.2	105.5	258,900	247,100
105	49.1	101.2	232,700	222,200
110	46.0	96.4	209,300	200,100
115	42.6	91.1	188,400	179,300 *
120	39.0	85.0	167,800 *	158,600 *
125	35.1	78.1	147,700 *	
130	30.7	70.0	129,600 *	
<b>150 ft. Boom</b>				
50	79.9	155.6	976,000 *	951,000 *
55	78.0	154.6	842,100	804,600
60	76.0	153.3	713,900	681,600
65	74.0	151.9	614,400	586,100
70	72.0	150.3	534,800	509,900
75	70.0	148.5	469,800	447,600
80	67.9	146.4	415,700	395,800
85	65.9	144.2	369,900	352,000
90	63.7	141.7	330,700	314,500
95	61.6	139.0	296,700	282,000
100	59.3	136.1	267,000	253,700
105	57.1	132.9	240,800	228,700
110	54.7	129.3	217,500	206,500
115	52.3	125.5	196,700	186,700
120	49.8	121.3	177,900	167,200 *
125	47.2	116.7	159,200 *	148,300 *
130	44.5	111.7	140,900 *	131,300 *
135	41.7	106.2	124,300 *	115,800 *
140	38.7	100.0	109,100 *	101,600 *
145	35.4	93.2	95,100 *	
150	31.9	85.3	82,300 *	
155	27.9	76.3	70,400 *	

### 280 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	849,000	810,900
60	78.1	179.1	720,500	687,600
65	76.4	177.9	620,800	591,900
70	74.7	176.5	541,100	515,500
75	73.0	175.0	475,900	453,000
80	71.2	173.3	421,600	401,000
85	69.5	171.4	375,800	357,000
90	67.7	169.3	336,400	319,400
95	65.9	167.1	302,400	286,800
100	64.1	164.7	272,600	258,300
105	62.3	162.1	246,300	233,200
110	60.4	159.2	223,000	210,900
115	58.5	156.2	202,100	190,900
120	56.5	152.9	183,300	173,000
125	54.5	149.3	166,200	154,300 *
130	52.4	145.5	148,500 *	136,900 *
135	50.3	141.4	131,800 *	121,100 *
140	48.1	136.9	116,400 *	106,700 *
145	45.9	132.1	102,300 *	93,500 *
150	43.5	126.9	89,300 *	81,300 *
155	41.0	121.2	77,300 *	70,100 *
160	38.4	115.0	66,100 *	59,700 *
165	35.6	108.2	55,700 *	
170	32.6	100.6	46,100 *	
175	29.4	91.9	37,000 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 280 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>200 ft. Boom</b>				
55	81.0	205.6	834,600 *	798,300 *
60	79.6	204.6	724,600	691,300
65	78.1	203.6	624,800	595,400
70	76.6	202.4	544,900	518,800
75	75.2	201.1	479,700	456,300
80	73.7	199.6	425,400	404,200
85	72.2	198.0	379,400	360,100
90	70.6	196.2	340,100	322,400
95	69.1	194.3	306,000	289,700
100	67.6	192.3	276,100	261,200
105	66.0	190.0	249,800	236,000
110	64.4	187.6	226,400	213,600
115	62.8	185.1	205,500	193,600
120	61.2	182.3	186,700	175,600
125	59.5	179.4	169,700	158,500 *
130	57.8	176.3	153,900 *	141,000 *
135	56.1	172.9	137,000 *	125,000 *
140	54.3	169.3	121,500 *	110,400 *
145	52.5	165.5	107,300 *	97,000 *
150	50.7	161.4	94,200 *	84,600 *
155	48.8	157.1	82,100 *	73,300 *
160	46.8	152.4	70,900 *	62,700 *
165	44.8	147.4	60,400 *	52,900 *
170	42.7	142.1	50,700 *	43,800 *
175	40.5	136.3	41,600 *	35,300 *
180	38.2	130.0	33,000 *	

### 280 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>225 ft. Boom</b>				
60	80.7	230.1	701,100 *	664,400 *
65	79.5	229.1	629,100	599,400
70	78.2	228.1	549,000	522,500
75	76.8	226.9	483,500	459,700
80	75.5	225.6	429,000	407,300
85	74.2	224.2	382,900	363,100
90	72.9	222.7	343,400	325,200
95	71.5	221.0	309,100	292,400
100	70.2	219.2	279,200	263,700
105	68.8	217.2	252,800	238,400
110	67.4	215.2	229,300	215,900
115	66.0	212.9	208,300	195,800
120	64.6	210.6	189,400	177,700
125	63.2	208.1	172,300	161,300
130	61.8	205.4	156,700	144,400 *
135	60.3	202.5	141,100 *	128,200 *
140	58.8	199.5	125,500 *	113,400 *
145	57.3	196.3	111,200 *	99,800 *
150	55.8	192.9	98,000 *	87,300 *
155	54.2	189.3	85,700 *	75,800 *
160	52.6	185.5	74,400 *	65,000 *
165	51.0	181.5	63,800 *	55,100 *
170	49.3	177.2	54,000 *	45,800 *
175	47.6	172.7	44,800 *	37,100 *
180	45.8	167.8	36,200 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 280 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
65	80.5	254.6	592,500 *	555,900 *
70	79.4	253.6	548,300	521,600
75	78.2	252.6	482,900	458,900
80	77.0	251.4	428,400	406,600
85	75.8	250.2	382,400	362,400
90	74.6	248.8	343,000	324,600
95	73.4	247.3	308,800	291,800
100	72.2	245.7	278,900	263,100
105	71.0	244.0	252,500	237,900
110	69.8	242.1	229,100	215,400
115	68.6	240.2	208,100	195,300
120	67.3	238.1	189,200	177,200
125	66.1	235.9	172,200	160,900
130	64.8	233.5	156,600	144,700 *
135	63.5	231.0	142,000 *	128,500 *

### 280 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>250 ft. Boom</b>				
140	62.2	228.4	126,300 *	113,700 *
145	60.9	225.6	112,000 *	100,000 *
150	59.6	222.7	98,700 *	87,500 *
155	58.3	219.6	86,500 *	75,900 *
160	56.9	216.4	75,100 *	65,100 *
165	55.5	212.9	64,600 *	55,100 *
170	54.1	209.3	54,700 *	45,800 *
175	52.6	205.5	45,500 *	37,100 *
180	51.2	201.5	36,800 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B**  
**Jib No. 22EL, 120 ft. Mast No. 49A**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 Lb. Auxiliary Counterweight**  
**360 Degree Rating**

### 300 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>125 ft. Boom</b>				
45	80.2	131.2	1,063,600 *	1,034,000 *
50	77.9	130.1	970,900 *	943,500
55	75.5	128.8	821,000	780,400
60	73.1	127.3	693,100	658,400
65	70.7	125.5	593,800	563,700
70	68.2	123.5	514,500	488,100
75	65.7	121.3	449,700	426,400
80	63.2	118.8	395,800	375,100
85	60.5	115.9	350,100	331,800
90	57.8	112.8	311,000	294,700
95	55.0	109.3	277,200	262,700
100	52.2	105.5	247,600	234,700
105	49.1	101.2	221,500	
110	46.0	96.4	198,300	
115	42.6	91.1	175,500 *	
<b>150 ft. Boom</b>				
50	79.9	155.6	966,200 *	938,300 *
55	78.0	154.6	828,200	786,900
60	76.0	153.3	700,700	665,200
65	74.0	151.9	601,800	570,800
70	72.0	150.3	522,700	495,300
75	70.0	148.5	458,100	433,700
80	67.9	146.4	404,300	382,500
85	65.9	144.2	358,800	339,200
90	63.7	141.7	319,900	302,100
95	61.6	139.0	286,100	270,100
100	59.3	136.1	256,600	242,100
105	57.1	132.9	230,600	217,400
110	54.7	129.3	207,500	195,500
115	52.3	125.5	186,800	173,700 *
120	49.8	121.3	166,200 *	
125	47.2	116.7	146,300 *	
130	44.5	111.7	128,200 *	
135	41.7	106.2	111,800 *	

### 300 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>175 ft. Boom</b>				
55	79.7	180.1	835,800	793,900
60	78.1	179.1	708,100	672,000
65	76.4	177.9	609,000	577,300
70	74.7	176.5	529,700	501,600
75	73.0	175.0	465,000	439,800
80	71.2	173.3	411,000	388,400
85	69.5	171.4	365,500	344,900
90	67.7	169.3	326,400	307,700
95	65.9	167.1	292,600	275,500
100	64.1	164.7	263,000	247,300
105	62.3	162.1	236,900	222,500
110	60.4	159.2	213,700	200,500
115	58.5	156.2	192,900	180,800
120	56.5	152.9	174,200	160,000 *
125	54.5	149.3	155,000 *	141,200 *
130	52.4	145.5	136,700 *	124,100 *
135	50.3	141.4	120,100 *	
140	48.1	136.9	104,900 *	
145	45.9	132.1	90,900 *	
150	43.5	126.9	78,100 *	
155	41.0	121.2	66,200 *	



# Liftcrane Boom Capacities With Jib Attached

Meets  
ANSI B30.5  
Requirements

## 888 RINGER

**Boom No. 67B  
Jib No. 22EL, 120 ft. Mast No. 49A  
45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating**

### 300 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>200 ft. Boom</b>				
55	81.0	205.6	824,800 *	785,100 *
60	79.6	204.6	712,900	676,300
65	78.1	203.6	613,600	581,400
70	76.6	202.4	534,300	505,600
75	75.2	201.1	469,400	443,700
80	73.7	199.6	415,400	392,200
85	72.2	198.0	369,800	348,600
90	70.6	196.2	330,700	311,300
95	69.1	194.3	296,800	279,000
100	67.6	192.3	267,100	250,700
105	66.0	190.0	241,000	225,800
110	64.4	187.6	217,800	203,700
115	62.8	185.1	197,000	183,900
120	61.2	182.3	178,300	165,100 *
125	59.5	179.4	161,200 *	146,100 *
130	57.8	176.3	142,800 *	128,800 *
135	56.1	172.9	126,100 *	113,000 *
140	54.3	169.3	110,800 *	98,600 *
145	52.5	165.5	96,700 *	85,400 *
150	50.7	161.4	83,700 *	73,300 *
155	48.8	157.1	71,700 *	
160	46.8	152.4	60,600 *	
165	44.8	147.4	50,200 *	
170	42.7	142.1	40,600 *	
175	40.5	136.3	31,600 *	

### 300 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
<b>225 ft. Boom</b>				
60	80.7	230.1	684,000 *	644,500 *
65	79.5	229.1	618,600	586,000
70	78.2	228.1	539,000	509,800
75	76.8	226.9	473,900	447,600
80	75.5	225.6	419,700	395,900
85	74.2	224.2	373,800	352,100
90	72.9	222.7	334,500	314,600
95	71.5	221.0	300,500	282,100
100	70.2	219.2	270,700	253,700
105	68.8	217.2	244,500	228,700
110	67.4	215.2	221,100	206,400
115	66.0	212.9	200,200	186,600
120	64.6	210.6	181,500	168,700
125	63.2	208.1	164,500	150,300 *
130	61.8	205.4	147,800 *	132,700 *
135	60.3	202.5	130,900 *	116,800 *
140	58.8	199.5	115,400 *	102,200 *
145	57.3	196.3	101,200 *	88,800 *
150	55.8	192.9	88,100 *	76,500 *
155	54.2	189.3	76,000 *	65,100 *
160	52.6	185.5	64,700 *	54,500 *
165	51.0	181.5	54,200 *	44,700 *
170	49.3	177.2	44,500 *	
175	47.6	172.7	35,400 *	