



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
1,395,100 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 1,395,100 lb. auxiliary counterweight.

Maximum Boom and Jib Lengths Lifted Unassisted	
Boom Length	Jib No. 22EL
425 ft.	—
400 ft.	—
375 ft.	100 ft.
350 ft.	180 ft.
325 ft.	240 ft.
300 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-A** 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
125 ft. Boom				
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	983,600 *c	978,800 *c
60	73.1	127.3	914,800 *c	910,300 *b
65	70.7	125.5	854,000 *c	849,800 *b
70	68.2	123.5	799,800 *c	796,000 *b
75	65.7	121.3	751,200 *b	747,700 *b
80	63.2	118.8	707,400 *b	704,100 *b
85	60.5	115.9	667,700 *b	664,700 *b
90	57.8	112.8	623,300 *b	619,000 *b
95	55.0	109.3	563,100 *b	559,300 *b
100	52.2	105.5	509,900 *b	506,400 *b
105	49.1	101.2	462,100 *b	459,100 *
110	46.0	96.4	418,900 *b	416,200 *
115	42.6	91.1	379,300 *	376,900 *
120	39.0	85.0	342,500 *	340,400 *
125	35.1	78.1	307,900 *	
130	30.7	70.0	274,500 *	
150 ft. Boom				
50	79.9	155.6	1,053,100 *c	1,047,800 *c
55	78.0	154.6	975,200 *c	970,300 *c
60	76.0	153.3	906,900 *c	902,400 *c
65	74.0	151.9	846,600 *c	842,300 *b
70	72.0	150.3	792,800 *c	788,800 *b
75	70.0	148.5	744,600 *c	740,900 *b
80	67.9	146.4	701,200 *c	697,700 *b
85	65.9	144.2	661,800 *b	658,600 *b
90	63.7	141.7	626,000 *b	622,900 *b
95	61.6	139.0	586,500 b	583,300 b
100	59.3	136.1	543,100 b	540,200 b
105	57.1	132.9	504,800 b	502,100 b
110	54.7	129.3	470,700 b	468,300 b
115	52.3	125.5	440,300 b	438,100 b
120	49.8	121.3	407,200 *b	404,500 *
125	47.2	116.7	374,700 *b	372,200 *
130	44.5	111.7	344,500 *	342,300 *
135	41.7	106.2	316,300 *	314,300 *
140	38.7	100.0	289,600 *	287,800 *
145	35.4	93.2	264,100 *	
150	31.9	85.3	239,400 *	
155	27.9	76.3	215,000 *	

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
175 ft. Boom				
55	79.7	180.1	966,600 *c	961,300 *c
60	78.1	179.1	898,700 *c	893,800 *c
65	76.4	177.9	838,600 *c	834,000 *c
70	74.7	176.5	785,200 *c	780,900 *c
75	73.0	175.0	737,300 *c	733,300 *c
80	71.2	173.3	694,100 *c	690,300 *b
85	69.5	171.4	655,000 *c	651,400 *b
90	67.7	169.3	619,400 *c	616,000 *b
95	65.9	167.1	585,600 c	582,300 b
100	64.1	164.7	542,200 b	539,100 b
105	62.3	162.1	503,800 b	501,000 b
110	60.4	159.2	469,800 b	467,100 b
115	58.5	156.2	439,200 b	436,800 b
120	56.5	152.9	411,800 b	409,500 b
125	54.5	149.3	386,900 b	384,800 b
130	52.4	145.5	364,300 b	362,400 b
135	50.3	141.4	343,700 b	341,900 b
140	48.1	136.9	324,700 b	323,100 b
145	45.9	132.1	303,200 *b	301,200 *
150	43.5	126.9	281,600 *b	279,700 *
155	41.0	121.2	261,000 *	259,300 *
160	38.4	115.0	241,300 *	239,800 *
165	35.6	108.2	222,300 *	
170	32.6	100.6	203,700 *	
175	29.4	91.9	185,400 *	



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45 ft. RINGER Attachment on Screw Jack Pedestals

1,395,100 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
200 ft. Boom				
55	81.0	205.6	910,500 *c	898,200 *c
60	79.6	204.6	889,800 *c	884,300 *c
65	78.1	203.6	830,100 *c	825,700 *c
70	76.6	202.4	777,000 *c	772,800 *c
75	75.2	201.1	729,400 *c	725,500 *c
80	73.7	199.6	686,500 *c	682,800 *c
85	72.2	198.0	647,600 *c	644,100 *c
90	70.6	196.2	612,300 *c	609,000 *b
95	69.1	194.3	579,900 *c	576,800 *b
100	67.6	192.3	540,400 c	537,200 b
105	66.0	190.0	502,100 c	499,100 b
110	64.4	187.6	468,000 b	465,200 b
115	62.8	185.1	437,500 b	434,900 b
120	61.2	182.3	410,000 b	407,600 b
125	59.5	179.4	385,200 b	382,900 b
130	57.8	176.3	362,600 b	360,500 b
135	56.1	172.9	342,000 b	340,000 b
140	54.3	169.3	323,100 b	321,200 b
145	52.5	165.5	305,600 b	303,900 b
150	50.7	161.4	289,600 b	287,900 b
155	48.8	157.1	274,600 b	273,100 b
160	46.8	152.4	260,800 b	259,400 b
165	44.8	147.4	245,200 *b	243,400 *
170	42.7	142.1	229,300 *	227,600 *
175	40.5	136.3	214,000 *	212,500 *
180	38.2	130.0	199,200 *	197,800 *
185	35.8	123.2	184,800 *	
190	33.2	115.7	170,600 *	
195	30.4	107.4	156,600 *	
200	27.4	98.1	142,500 *	

70 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
225 ft. Boom				
60	80.7	230.1	773,200 *c	760,800 *c
65	79.5	229.1	761,700 *c	749,900 *c
70	78.2	228.1	750,400 *c	739,000 *c
75	76.8	226.9	721,900 *c	717,900 *c
80	75.5	225.6	679,200 *c	675,400 *c
85	74.2	224.2	640,500 *c	637,000 *c
90	72.9	222.7	605,400 *c	602,000 *c
95	71.5	221.0	573,200 *c	570,000 *c
100	70.2	219.2	538,800 c	535,500 c
105	68.8	217.2	500,500 c	497,300 b
110	67.4	215.2	466,300 c	463,400 b
115	66.0	212.9	435,800 c	433,100 b
120	64.6	210.6	408,300 c	405,800 b
125	63.2	208.1	383,500 c	381,000 b
130	61.8	205.4	360,800 c	358,600 b
135	60.3	202.5	340,200 b	338,000 b
140	58.8	199.5	321,300 b	319,200 b
145	57.3	196.3	303,800 b	301,900 b
150	55.8	192.9	287,700 b	285,900 b
155	54.2	189.3	272,800 b	271,100 b
160	52.6	185.5	259,000 b	257,300 b
165	51.0	181.5	246,100 b	244,500 b
170	49.3	177.2	234,000 b	232,600 b
175	47.6	172.7	222,700 b	221,400 b
180	45.8	167.8	210,300 *b	208,600 *b
185	44.0	162.7	197,800 *b	196,200 *
190	42.1	157.2	185,800 *b	184,300 *
195	40.1	151.3	174,100 *b	172,700 *
200	38.1	145.0	162,700 *	161,400 *
205	35.9	138.2	151,500 *	
210	33.6	130.8	140,500 *	
215	31.2	122.8	129,600 *	
220	28.6	113.8	118,600 *	



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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
250 ft. Boom				
65	80.5	254.6	661,800 *c	649,100 *c
70	79.4	253.6	652,700 *c	640,600 *c
75	78.2	252.6	643,700 *c	632,000 *c
80	77.0	251.4	634,700 *c	623,500 *c
85	75.8	250.2	623,500 *c	615,000 *c
90	74.6	248.8	578,900 *c	573,600 *c
95	73.4	247.3	539,600 *c	534,800 *c
100	72.2	245.7	504,800 *c	500,200 *c
105	71.0	244.0	473,500 *c	469,300 *c
110	69.8	242.1	445,300 *c	441,300 *c
115	68.6	240.2	419,600 *c	415,900 *c
120	67.3	238.1	396,100 *c	392,500 *b
125	66.1	235.9	374,400 *c	371,000 *b
130	64.8	233.5	354,300 *c	351,100 *b
135	63.5	231.0	335,600 *c	332,600 *b
140	62.2	228.4	318,200 *c	315,300 *b
145	60.9	225.6	301,300 b	299,100 *b
150	59.6	222.7	285,200 b	283,300 b
155	58.3	219.6	270,300 b	268,500 b
160	56.9	216.4	256,400 b	254,700 b
165	55.5	212.9	243,500 b	241,900 b
170	54.1	209.3	231,500 b	229,900 b
175	52.6	205.5	220,200 b	218,600 *b
180	51.2	201.5	209,200 *b	207,300 *b
185	49.7	197.3	198,200 *b	196,400 *b
190	48.1	192.8	187,600 *b	185,900 *b
195	46.6	188.1	177,400 *b	175,800 *b
200	45.0	183.2	167,500 *b	166,000 *b
205	43.3	177.9	157,900 *b	156,500 *b
210	41.6	172.3	148,600 *b	147,200 *b
215	39.8	166.4	139,400 *b	138,100 *
220	37.9	160.0	130,500 *	129,200 *
225	36.0	153.2	121,600 *	
230	34.0	145.9	112,900 *	
235	31.8	138.0	104,200 *	
240	29.5	129.4	95,500 *	
245	27.1	119.9	86,700 *	

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
275 ft. Boom				
70	80.3	279.1	569,200 *c	563,400 *c
75	79.3	278.1	563,000 *c	557,700 *c
80	78.2	277.1	556,700 *c	551,900 *c
85	77.1	275.9	550,400 *c	546,000 *c
90	76.1	274.7	536,600 *c	531,300 *c
95	75.0	273.3	500,700 *c	495,800 *c
100	73.9	271.9	468,900 *c	464,300 *b
105	72.8	270.4	440,500 *c	436,200 *b
110	71.7	268.7	414,800 *c	410,800 *b
115	70.6	266.9	391,600 *c	387,700 *b
120	69.5	265.1	370,400 *c	366,800 *b
125	68.4	263.1	350,800 *c	347,400 *b
130	67.3	261.0	332,700 *c	329,500 *b
135	66.1	258.8	315,800 *b	312,800 *b
140	65.0	256.4	300,100 *b	297,200 *b
145	63.8	254.0	285,400 *b	282,700 *b
150	62.6	251.4	271,600 *b	269,000 *b
155	61.4	248.7	258,600 *b	256,100 *b
160	60.2	245.8	246,300 *b	243,900 *b
165	59.0	242.8	234,600 *b	232,300 *b
170	57.8	239.7	223,400 *b	221,200 *b
175	56.6	236.4	212,800 *b	210,700 *b
180	55.3	232.9	202,600 *b	200,600 *b
185	54.0	229.3	192,900 *b	191,000 *b
190	52.7	225.5	183,500 *b	181,700 *b
195	51.4	221.5	174,500 *b	172,800 *b
200	50.0	217.4	165,800 *b	164,100 *
205	48.6	213.0	157,400 *b	155,800 *
210	47.2	208.4	149,200 *b	147,700 *
215	45.8	203.5	141,300 *	139,800 *
220	44.3	198.4	133,600 *	132,200 *
225	42.7	193.1	126,000 *	124,700 *
230	41.2	187.4	118,600 *	117,400 *
235	39.5	181.4	111,400 *	110,200 *
240	37.8	175.0	104,200 *	103,100 *
245	36.1	168.2	97,200 *	
250	34.3	161.0	90,200 *	
255	32.3	153.2	83,200 *	
260	30.3	144.8	76,200 *	
265	28.1	135.7	69,100 *	



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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
300 ft. Boom				
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	477,900 *c	471,800 *c
90	77.3	300.4	472,700 *c	467,100 *c
95	76.3	299.2	465,500 *c	460,500 *c
100	75.3	297.9	435,800 *c	431,100 *c
105	74.3	296.5	409,300 *c	404,900 *c
110	73.3	295.0	385,400 *c	381,300 *c
115	72.3	293.4	363,800 *c	359,900 *b
120	71.3	291.7	344,100 *c	340,400 *b
125	70.3	289.9	326,000 *c	322,500 *b
130	69.2	288.0	309,300 *c	306,000 *b
135	68.2	286.0	293,800 *c	290,700 *b
140	67.2	283.9	279,400 *c	276,500 *b
145	66.1	281.7	266,000 *c	263,100 *b
150	65.1	279.4	253,400 *b	250,600 *b
155	64.0	276.9	241,500 *b	238,900 *b
160	63.0	274.4	230,200 *b	227,700 *b
165	61.9	271.7	219,600 *b	217,200 *b
170	60.8	268.9	209,500 *b	207,200 *b
175	59.7	266.0	199,900 *b	197,700 *b
180	58.5	263.0	190,700 *b	188,600 *b
185	57.4	259.8	181,900 *b	179,900 *b
190	56.3	256.4	173,400 *b	171,500 *b
195	55.1	253.0	165,300 *b	163,500 *b

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
300 ft. Boom				
200	53.9	249.3	157,500 *b	155,700 *b
205	52.7	245.5	150,000 *b	148,200 *b
210	51.5	241.6	142,700 *b	141,000 *b
215	50.3	237.4	135,600 *b	134,000 *b
220	49.0	233.1	128,700 *b	127,200 *
225	47.7	228.6	122,100 *b	120,600 *
230	46.4	223.8	115,500 *b	114,200 *
235	45.1	218.9	109,200 *b	107,900 *
240	43.7	213.7	103,000 *b	101,700 *
245	42.3	208.2	96,900 *	95,700 *
250	40.8	202.5	90,900 *	89,700 *
255	39.3	196.4	85,000 *	83,900 *
260	37.8	190.0	79,200 *	78,100 *
265	36.2	183.3	73,400 *	
270	34.5	176.1	67,600 *	
275	32.7	168.4	61,900 *	
280	30.9	160.2	56,200 *	
285	29.0	151.3	50,400 *	



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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
325 ft. Boom				
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	406,200 *c	395,200 *c
95	77.3	324.9	406,200 *c	395,200 *c
100	76.4	323.7	404,500 *c	395,200 *c
105	75.5	322.4	380,900 *c	376,600 *c
110	74.6	321.1	358,400 *c	354,300 *c
115	73.7	319.6	338,300 *c	334,400 *c
120	72.8	318.0	319,700 *c	316,100 *c
125	71.8	316.4	302,800 *c	299,300 *c
130	70.9	314.7	287,200 *c	283,900 *b
135	70.0	312.9	272,700 *c	269,600 *b
140	69.0	310.9	259,300 *c	256,300 *b
145	68.1	308.9	246,800 *c	244,000 *b
150	67.1	306.8	235,100 *c	232,400 *b
155	66.2	304.6	224,100 *c	221,500 *b
160	65.2	302.3	213,700 *c	211,200 *b
165	64.2	299.9	203,900 *c	201,500 *b
170	63.2	297.4	194,600 *c	192,300 *b
175	62.2	294.7	185,800 *b	183,500 *b
180	61.2	292.0	177,300 *b	175,200 *b
185	60.2	289.1	169,300 *b	167,200 *b
190	59.2	286.2	161,600 *b	159,600 *b
195	58.1	283.1	154,200 *b	152,300 *b
200	57.1	279.8	147,100 *b	145,200 *b
205	56.0	276.5	140,200 *b	138,400 *b
210	55.0	273.0	133,600 *b	131,900 *b
215	53.9	269.3	127,200 *b	125,500 *b
220	52.8	265.5	121,000 *b	119,400 *b

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
325 ft. Boom				
225	51.6	261.6	115,000 *b	113,500 *b
230	50.5	257.5	109,200 *b	107,700 *b
235	49.3	253.2	103,500 *b	102,000 *b
240	48.2	248.7	97,900 *b	96,600 *b
245	47.0	244.1	92,500 *b	91,200 *b
250	45.7	239.2	87,200 *b	85,900 *b
255	44.5	234.2	82,000 *b	80,800 *b
260	43.2	228.9	76,900 *b	75,800 *
265	41.9	223.3	71,900 *b	70,800 *
270	40.5	217.5	67,000 *	65,900 *
275	39.1	211.4	62,100 *	61,100 *
280	37.7	205.0	57,300 *	56,300 *
285	36.2	198.3	52,500 *	51,500 *
290	34.7	191.1	47,700 *	
295	33.1	183.5	42,900 *	
300	31.4	175.5	38,200 *	
305	29.6	166.8	33,400 *	



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
1,395,100 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
350 ft. Boom				
80	80.8	353.5	333,200 *c	322,100 *c
85	79.9	352.6	333,200 *c	322,100 *c
90	79.1	351.6	333,200 *c	322,100 *c
95	78.3	350.6	333,200 *c	322,100 *c
100	77.4	349.4	333,200 *c	322,100 *c
105	76.6	348.2	333,200 *c	322,100 *c
110	75.7	347.0	333,200 *c	322,100 *c
115	74.9	345.6	314,300 *c	310,300 *c
120	74.0	344.2	296,700 *c	292,900 *c
125	73.2	342.7	280,600 *c	277,000 *c
130	72.3	341.1	265,900 *c	262,400 *c
135	71.5	339.4	252,200 *c	249,000 *c
140	70.6	337.6	239,600 *c	236,400 *c
145	69.7	335.8	227,800 *c	224,800 *c
150	68.8	333.9	216,800 *c	213,900 *b
155	68.0	331.8	206,500 *c	203,700 *b
160	67.1	329.7	196,700 *c	194,100 *b
165	66.2	327.5	187,600 *c	185,000 *b
170	65.3	325.2	178,900 *c	176,500 *b
175	64.4	322.8	170,700 *c	168,300 *b
180	63.5	320.3	162,900 *c	160,600 *b
185	62.5	317.7	155,400 *c	153,200 *b
190	61.6	315.0	148,300 *b	146,200 *b
195	60.7	312.2	141,400 *b	139,400 *b
200	59.7	309.3	134,900 *b	132,900 *b
205	58.8	306.3	128,600 *b	126,700 *b
210	57.8	303.1	122,500 *b	120,600 *b
215	56.8	299.9	116,600 *b	114,800 *b
220	55.8	296.5	110,900 *b	109,200 *b
225	54.8	293.0	105,500 *b	103,800 *b

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
350 ft. Boom				
230	53.8	289.3	100,100 *b	98,500 *b
235	52.8	285.5	95,000 *b	93,400 *b
240	51.7	281.6	89,900 *b	88,400 *b
245	50.7	277.5	85,000 *b	83,600 *b
250	49.6	273.3	80,300 *b	78,800 *b
255	48.5	268.9	75,600 *b	74,200 *b
260	47.4	264.3	71,000 *b	69,700 *b
265	46.3	259.5	66,500 *b	65,300 *b
270	45.1	254.6	62,200 *b	60,900 *b
275	44.0	249.4	57,800 *b	56,600 *b
280	42.8	244.1	53,600 *b	52,400 *
285	41.5	238.5	49,400 *b	48,300 *
290	40.3	232.6	45,300 *b	44,200 *
295	39.0	226.5	41,200 *b	40,100 *
300	37.6	220.0	37,100 *	36,100 *
305	36.3	213.3	33,100 *	32,100 *



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

1,395,100 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
375 ft. Boom				
85	80.6	378.0	273,200 *c	261,200 *c
90	79.8	377.1	273,200 *c	261,200 *c
95	79.1	376.1	273,200 *c	261,200 *c
100	78.3	375.1	273,200 *c	261,200 *c
105	77.5	373.9	273,200 *c	261,200 *c
110	76.7	372.8	273,200 *c	261,200 *c
115	75.9	371.5	273,200 *c	261,200 *c
120	75.1	370.2	273,200 *c	261,200 *c
125	74.3	368.8	260,100 *c	256,500 *c
130	73.5	367.3	246,000 *c	242,500 *c
135	72.7	365.7	232,900 *c	229,700 *c
140	71.9	364.1	220,900 *c	217,800 *c
145	71.1	362.4	209,700 *c	206,700 *c
150	70.3	360.6	199,300 *c	196,400 *c
155	69.5	358.7	189,500 *c	186,700 *c
160	68.7	356.8	180,300 *c	177,600 *c
165	67.9	354.8	171,700 *c	169,100 *b
170	67.0	352.6	163,500 *c	161,000 *b
175	66.2	350.4	155,700 *c	153,400 *b
180	65.4	348.1	148,400 *c	146,100 *b
185	64.5	345.8	141,400 *c	139,200 *b
190	63.7	343.3	134,700 *c	132,600 *b
195	62.8	340.7	128,300 *c	126,200 *b
200	61.9	338.1	122,200 *c	120,200 *b
205	61.1	335.3	116,300 *c	114,400 *b

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
375 ft. Boom				
210	60.2	332.4	110,700 *b	108,800 *b
215	59.3	329.5	105,300 *b	103,400 *b
220	58.4	326.4	100,000 *b	98,200 *b
225	57.5	323.2	95,000 *b	93,200 *b
230	56.6	319.9	90,000 *b	88,400 *b
235	55.6	316.5	85,300 *b	83,700 *b
240	54.7	313.0	80,700 *b	79,100 *b
245	53.8	309.3	76,200 *b	74,700 *b
250	52.8	305.5	71,800 *b	70,400 *b
255	51.8	301.6	67,600 *b	66,200 *b
260	50.9	297.6	63,400 *b	62,100 *b
265	49.9	293.4	59,400 *b	58,000 *b
270	48.8	289.0	55,400 *b	54,100 *b
275	47.8	284.5	51,500 *b	50,200 *b
280	46.8	279.8	47,700 *b	46,500 *b
285	45.7	275.0	43,900 *b	42,800 *b
290	44.6	269.9	40,300 *b	39,100 *b
295	43.5	264.7	36,600 *b	35,500 *b
300	42.4	259.2	33,000 *b	31,900 *b



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

1,395,100 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
125 ft. Boom				
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	979,300 *c	973,800 *b
60	73.1	127.3	910,400 *c	905,400 *b
65	70.7	125.5	849,500 *b	844,900 *b
70	68.2	123.5	795,300 *b	791,000 *b
75	65.7	121.3	746,700 *b	742,700 *b
80	63.2	118.8	702,800 *b	699,100 *b
85	60.5	115.9	663,100 *b	659,700 *b
90	57.8	112.8	617,300 *b	612,500 *
95	55.0	109.3	557,200 *b	552,800 *
100	52.2	105.5	504,000 *b	500,100 *
105	49.1	101.2	456,300 *	452,800 *
110	46.0	96.4	413,100 *	410,000 *
115	42.6	91.1	373,500 *	370,800 *
120	39.0	85.0	336,800 *	334,400 *
125	35.1	78.1	302,100 *	
130	30.7	70.0	268,800 *	
150 ft. Boom				
50	79.9	155.6	1,049,000 *c	1,043,000 *b
55	78.0	154.6	971,000 *c	965,500 *b
60	76.0	153.3	902,700 *c	897,600 *b
65	74.0	151.9	842,300 *c	837,500 *b
70	72.0	150.3	788,500 *c	784,100 *b
75	70.0	148.5	740,300 *b	736,100 *b
80	67.9	146.4	696,800 *b	692,900 *b
85	65.9	144.2	657,400 *b	653,800 *b
90	63.7	141.7	621,600 *b	618,200 *b
95	61.6	139.0	582,400 b	578,800 b
100	59.3	136.1	539,000 b	535,800 b
105	57.1	132.9	500,700 b	497,800 b
110	54.7	129.3	466,700 b	464,000
115	52.3	125.5	436,200 b	433,800 *
120	49.8	121.3	401,800 *	398,800 *
125	47.2	116.7	369,400 *	366,600 *
130	44.5	111.7	339,200 *	336,700 *
135	41.7	106.2	311,000 *	308,800 *
140	38.7	100.0	284,300 *	282,300 *
145	35.4	93.2	258,800 *	
150	31.9	85.3	234,200 *	
155	27.9	76.3	209,800 *	

80 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
175 ft. Boom				
55	79.7	180.1	962,300 *c	956,700 *c
60	78.1	179.1	894,300 *c	889,100 *c
65	76.4	177.9	834,300 *c	829,400 *b
70	74.7	176.5	780,800 *c	776,300 *b
75	73.0	175.0	732,900 *c	728,700 *b
80	71.2	173.3	689,800 *c	685,700 *b
85	69.5	171.4	650,600 *c	646,900 *b
90	67.7	169.3	615,000 *b	611,500 *b
95	65.9	167.1	581,800 b	578,000 b
100	64.1	164.7	538,300 b	534,900 b
105	62.3	162.1	500,000 b	496,800 b
110	60.4	159.2	466,000 b	463,000 b
115	58.5	156.2	435,500 b	432,700 b
120	56.5	152.9	408,000 b	405,500 b
125	54.5	149.3	383,200 b	380,900
130	52.4	145.5	360,600 b	358,400
135	50.3	141.4	340,000 b	338,000
140	48.1	136.9	321,000	318,700 *
145	45.9	132.1	298,300 *	296,000 *
150	43.5	126.9	276,700 *	274,600 *
155	41.0	121.2	256,200 *	254,300 *
160	38.4	115.0	236,500 *	234,700 *
165	35.6	108.2	217,500 *	
170	32.6	100.6	198,900 *	
175	29.4	91.9	180,600 *	



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
1,395,100 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
200 ft. Boom				
55	81.0	205.6	906,800 *c	893,800 *c
60	79.6	204.6	885,900 *c	879,900 *c
65	78.1	203.6	826,200 *c	821,200 *c
70	76.6	202.4	773,000 *c	768,300 *c
75	75.2	201.1	725,400 *c	721,000 *b
80	73.7	199.6	682,500 *c	678,300 *b
85	72.2	198.0	643,600 *c	639,700 *b
90	70.6	196.2	608,200 *c	604,500 *b
95	69.1	194.3	575,900 *c	572,400 *b
100	67.6	192.3	536,800 b	533,100 b
105	66.0	190.0	498,400 b	495,100 b
110	64.4	187.6	464,400 b	461,300 b
115	62.8	185.1	433,900 b	431,000 b
120	61.2	182.3	406,500 b	403,800 b
125	59.5	179.4	381,700 b	379,100 b
130	57.8	176.3	359,100 b	356,700 b
135	56.1	172.9	338,500 b	336,200 b
140	54.3	169.3	319,600 b	317,500 b
145	52.5	165.5	302,200 b	300,200
150	50.7	161.4	286,100 b	284,200
155	48.8	157.1	271,200 b	269,500
160	46.8	152.4	257,200 *	255,100 *
165	44.8	147.4	240,600 *	238,600 *
170	42.7	142.1	224,700 *	222,900 *
175	40.5	136.3	209,500 *	207,700 *
180	38.2	130.0	194,700 *	193,100 *
185	35.8	123.2	180,200 *	
190	33.2	115.7	166,100 *	
195	30.4	107.4	152,100 *	
200	27.4	98.1	138,100 *	

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
225 ft. Boom				
60	80.7	230.1	769,400 *c	756,300 *c
65	79.5	229.1	757,800 *c	745,300 *c
70	78.2	228.1	746,500 *c	734,500 *c
75	76.8	226.9	718,000 *c	713,600 *c
80	75.5	225.6	675,300 *c	671,100 *c
85	74.2	224.2	636,700 *c	632,700 *b
90	72.9	222.7	601,500 *c	597,700 *b
95	71.5	221.0	569,300 *c	565,700 *b
100	70.2	219.2	535,400 c	531,300 *b
105	68.8	217.2	497,000 c	493,500 b
110	67.4	215.2	462,900 c	459,600 b
115	66.0	212.9	432,400 c	429,300 b
120	64.6	210.6	404,900 b	402,100 b
125	63.2	208.1	380,100 b	377,400 b
130	61.8	205.4	357,500 b	354,900 b
135	60.3	202.5	336,800 b	334,400 b
140	58.8	199.5	317,900 b	315,700 b
145	57.3	196.3	300,500 b	298,400 b
150	55.8	192.9	284,400 b	282,400 b
155	54.2	189.3	269,500 b	267,600 b
160	52.6	185.5	255,700 b	253,900 b
165	51.0	181.5	242,800 b	241,100
170	49.3	177.2	230,700 b	229,100
175	47.6	172.7	218,800 *b	216,800 *
180	45.8	167.8	205,900 *b	204,000 *
185	44.0	162.7	193,500 *	191,700 *
190	42.1	157.2	181,500 *	179,800 *
195	40.1	151.3	169,800 *	168,200 *
200	38.1	145.0	158,400 *	156,900 *
205	35.9	138.2	147,200 *	
210	33.6	130.8	136,200 *	
215	31.2	122.8	125,300 *	
220	28.6	113.8	114,300 *	



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
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

80 ft. Jibb

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At 10 Degree Offset	Jib At 20 Degree Offset
250 ft. Boom				
65	80.5	254.6	658,100 *c	644,700 *c
70	79.4	253.6	649,000 *c	636,200 *c
75	78.2	252.6	640,000 *c	627,600 *c
80	77.0	251.4	631,000 *c	619,100 *c
85	75.8	250.2	618,800 *c	610,600 *c
90	74.6	248.8	574,200 *c	568,300 *c
95	73.4	247.3	535,100 *c	529,600 *c
100	72.2	245.7	500,200 *c	495,100 *b
105	71.0	244.0	469,000 *c	464,300 *b
110	69.8	242.1	440,800 *c	436,400 *b
115	68.6	240.2	415,200 *c	411,000 *b
120	67.3	238.1	391,600 *c	387,700 *b
125	66.1	235.9	370,000 *c	366,200 *b
130	64.8	233.5	349,900 *c	346,400 *b
135	63.5	231.0	331,300 *b	327,900 *b
140	62.2	228.4	313,800 *b	310,700 *b
145	60.9	225.6	297,500 *b	294,500 *b
150	59.6	222.7	282,000 b	279,300 *b
155	58.3	219.6	267,100 b	264,900 *b
160	56.9	216.4	253,200 b	251,200 *b
165	55.5	212.9	240,400 b	238,300 *b
170	54.1	209.3	228,300 *b	225,900 *b
175	52.6	205.5	216,400 *b	214,100 *b
180	51.2	201.5	204,900 *b	202,800 *b
185	49.7	197.3	194,000 *b	192,000 *b
190	48.1	192.8	183,400 *b	181,500 *b
195	46.6	188.1	173,200 *b	171,400 *
200	45.0	183.2	163,300 *b	161,600 *
205	43.3	177.9	153,800 *	152,200 *
210	41.6	172.3	144,400 *	142,900 *
215	39.8	166.4	135,300 *	133,800 *
220	37.9	160.0	126,300 *	125,000 *
225	36.0	153.2	117,500 *	
230	34.0	145.9	108,800 *	
235	31.8	138.0	100,100 *	
240	29.5	129.4	91,400 *	
245	27.1	119.9	82,600 *	

80 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
275 ft. Boom				
70	80.3	279.1	567,700 *c	562,200 *c
75	79.3	278.1	561,600 *c	556,700 *c
80	78.2	277.1	555,500 *c	551,000 *b
85	77.1	275.9	549,300 *c	545,200 *b
90	76.1	274.7	532,000 *c	526,100 *b
95	75.0	273.3	496,200 *c	490,700 *b
100	73.9	271.9	464,500 *c	459,300 *b
105	72.8	270.4	436,100 *c	431,200 *b
110	71.7	268.7	410,500 *c	405,900 *b
115	70.6	266.9	387,200 *b	382,900 *b
120	69.5	265.1	366,100 *b	362,000 *b
125	68.4	263.1	346,500 *b	342,700 *b
130	67.3	261.0	328,400 *b	324,800 *b
135	66.1	258.8	311,600 *b	308,200 *b
140	65.0	256.4	295,900 *b	292,700 *b
145	63.8	254.0	281,200 *b	278,100 *b
150	62.6	251.4	267,400 *b	264,500 *b
155	61.4	248.7	254,400 *b	251,600 *b
160	60.2	245.8	242,100 *b	239,400 *b
165	59.0	242.8	230,400 *b	227,900 *b
170	57.8	239.7	219,300 *b	216,800 *
175	56.6	236.4	208,700 *b	206,300 *
180	55.3	232.9	198,500 *b	196,300 *
185	54.0	229.3	188,800 *b	186,700 *
190	52.7	225.5	179,400 *b	177,400 *
195	51.4	221.5	170,400 *	168,500 *
200	50.0	217.4	161,700 *	159,900 *
205	48.6	213.0	153,300 *	151,600 *
210	47.2	208.4	145,200 *	143,500 *
215	45.8	203.5	137,200 *	135,600 *
220	44.3	198.4	129,500 *	128,000 *
225	42.7	193.1	122,000 *	120,500 *
230	41.2	187.4	114,600 *	113,200 *
235	39.5	181.4	107,300 *	106,100 *
240	37.8	175.0	100,200 *	99,000 *
245	36.1	168.2	93,200 *	
250	34.3	161.0	86,200 *	
255	32.3	153.2	79,200 *	
260	30.3	144.8	72,200 *	
265	28.1	135.7	65,200 *	



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

1,395,100 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
300 ft. Boom				
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	476,300 *c	470,300 *b
90	77.3	300.4	471,300 *c	465,700 *b
95	76.3	299.2	461,100 *c	455,500 *b
100	75.3	297.9	431,400 *c	426,200 *b
105	74.3	296.5	405,000 *c	400,100 *b
110	73.3	295.0	381,100 *c	376,500 *b
115	72.3	293.4	359,600 *c	355,200 *b
120	71.3	291.7	339,900 *c	335,800 *b
125	70.3	289.9	321,800 *c	317,900 *b
130	69.2	288.0	305,100 *b	301,400 *b
135	68.2	286.0	289,700 *b	286,200 *b
140	67.2	283.9	275,300 *b	272,000 *b
145	66.1	281.7	261,900 *b	258,700 *b
150	65.1	279.4	249,300 *b	246,200 *b
155	64.0	276.9	237,400 *b	234,500 *b
160	63.0	274.4	226,200 *b	223,400 *b
165	61.9	271.7	215,500 *b	212,900 *b
170	60.8	268.9	205,400 *b	202,900 *b
175	59.7	266.0	195,800 *b	193,400 *b
180	58.5	263.0	186,600 *b	184,300 *b
185	57.4	259.8	177,900 *b	175,600 *b
190	56.3	256.4	169,400 *b	167,300 *b
195	55.1	253.0	161,300 *b	159,300 *b

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
300 ft. Boom				
200	53.9	249.3	153,500 *b	151,500 *
205	52.7	245.5	146,000 *b	144,100 *
210	51.5	241.6	138,700 *b	136,900 *
215	50.3	237.4	131,700 *b	129,900 *
220	49.0	233.1	124,800 *b	123,100 *
225	47.7	228.6	118,100 *	116,500 *
230	46.4	223.8	111,600 *	110,100 *
235	45.1	218.9	105,300 *	103,800 *
240	43.7	213.7	99,100 *	97,700 *
245	42.3	208.2	93,000 *	91,600 *
250	40.8	202.5	87,000 *	85,700 *
255	39.3	196.4	81,100 *	79,900 *
260	37.8	190.0	75,300 *	74,100 *
265	36.2	183.3	69,500 *	
270	34.5	176.1	63,800 *	
275	32.7	168.4	58,000 *	
280	30.9	160.2	52,300 *	
285	29.0	151.3	46,500 *	



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
1,395,100 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
325 ft. Boom				
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	401,100 *c	389,700 *c
95	77.3	324.9	401,100 *c	389,700 *c
100	76.4	323.7	401,100 *c	389,700 *c
105	75.5	322.4	376,700 *c	371,800 *c
110	74.6	321.1	354,200 *c	349,700 *b
115	73.7	319.6	334,100 *c	329,800 *b
120	72.8	318.0	315,600 *c	311,500 *b
125	71.8	316.4	298,700 *c	294,800 *b
130	70.9	314.7	283,100 *c	279,400 *b
135	70.0	312.9	268,700 *c	265,200 *b
140	69.0	310.9	255,300 *c	251,900 *b
145	68.1	308.9	242,800 *c	239,600 *b
150	67.1	306.8	231,100 *b	228,000 *b
155	66.2	304.6	220,100 *b	217,200 *b
160	65.2	302.3	209,700 *b	206,900 *b
165	64.2	299.9	199,900 *b	197,300 *b
170	63.2	297.4	190,700 *b	188,100 *b
175	62.2	294.7	181,800 *b	179,300 *b
180	61.2	292.0	173,400 *b	171,000 *b
185	60.2	289.1	165,400 *b	163,100 *b
190	59.2	286.2	157,700 *b	155,500 *b
195	58.1	283.1	150,300 *b	148,100 *b

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
325 ft. Boom				
200	57.1	279.8	143,200 *b	141,100 *b
205	56.0	276.5	136,300 *b	134,400 *b
210	55.0	273.0	129,700 *b	127,800 *b
215	53.9	269.3	123,300 *b	121,500 *b
220	52.8	265.5	117,200 *b	115,400 *b
225	51.6	261.6	111,100 *b	109,400 *
230	50.5	257.5	105,300 *b	103,700 *
235	49.3	253.2	99,600 *b	98,100 *
240	48.2	248.7	94,100 *b	92,600 *
245	47.0	244.1	88,700 *b	87,200 *
250	45.7	239.2	83,400 *	82,000 *
255	44.5	234.2	78,200 *	76,900 *
260	43.2	228.9	73,100 *	71,800 *
265	41.9	223.3	68,100 *	66,900 *
270	40.5	217.5	63,200 *	62,000 *
275	39.1	211.4	58,300 *	57,200 *
280	37.7	205.0	53,500 *	52,400 *
285	36.2	198.3	48,700 *	47,700 *
290	34.7	191.1	44,000 *	
295	33.1	183.5	39,200 *	
300	31.4	175.5	34,400 *	



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

1,395,100 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
350 ft. Boom				
80	80.8	353.5	328,800 *c	317,200 *c
85	79.9	352.6	328,800 *c	317,200 *c
90	79.1	351.6	328,800 *c	317,200 *c
95	78.3	350.6	328,800 *c	317,200 *c
100	77.4	349.4	328,800 *c	317,200 *c
105	76.6	348.2	328,800 *c	317,200 *c
110	75.7	347.0	328,800 *c	317,200 *c
115	74.9	345.6	310,300 *c	305,800 *c
120	74.0	344.2	292,700 *c	288,500 *c
125	73.2	342.7	276,700 *c	272,600 *b
130	72.3	341.1	261,900 *c	258,100 *b
135	71.5	339.4	248,300 *c	244,600 *b
140	70.6	337.6	235,600 *c	232,200 *b
145	69.7	335.8	223,900 *c	220,500 *b
150	68.8	333.9	212,900 *c	209,700 *b
155	68.0	331.8	202,600 *c	199,500 *b
160	67.1	329.7	192,900 *c	189,900 *b
165	66.2	327.5	183,700 *c	180,900 *b
170	65.3	325.2	175,100 *b	172,300 *b
175	64.4	322.8	166,800 *b	164,200 *b
180	63.5	320.3	159,100 *b	156,600 *b
185	62.5	317.7	151,600 *b	149,200 *b
190	61.6	315.0	144,500 *b	142,100 *b
195	60.7	312.2	137,600 *b	135,400 *b
200	59.7	309.3	131,100 *b	128,900 *b

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
350 ft. Boom				
205	58.8	306.3	124,800 *b	122,700 *b
210	57.8	303.1	118,700 *b	116,700 *b
215	56.8	299.9	112,800 *b	110,900 *b
220	55.8	296.5	107,200 *b	105,300 *b
225	54.8	293.0	101,700 *b	99,900 *b
230	53.8	289.3	96,400 *b	94,600 *b
235	52.8	285.5	91,200 *b	89,500 *b
240	51.7	281.6	86,200 *b	84,500 *b
245	50.7	277.5	81,300 *b	79,700 *
250	49.6	273.3	76,500 *b	75,000 *
255	48.5	268.9	71,900 *b	70,400 *
260	47.4	264.3	67,300 *b	65,900 *
265	46.3	259.5	62,800 *b	61,400 *
270	45.1	254.6	58,500 *b	57,100 *
275	44.0	249.4	54,100 *	52,800 *
280	42.8	244.1	49,900 *	48,600 *
285	41.5	238.5	45,700 *	44,500 *
290	40.3	232.6	41,600 *	40,400 *
295	39.0	226.5	37,500 *	36,400 *
300	37.6	220.0	33,400 *	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

1,395,100 Lb. Auxiliary Counterweight

360 Degree Rating

80 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At	Jib At
			10 Degree Offset	20 Degree Offset
375 ft. Boom				
85	80.6	378.0	269,100 *c	256,700 *c
90	79.8	377.1	269,100 *c	256,700 *c
95	79.1	376.1	269,100 *c	256,700 *c
100	78.3	375.1	269,100 *c	256,700 *c
105	77.5	373.9	269,100 *c	256,700 *c
110	76.7	372.8	269,100 *c	256,700 *c
115	75.9	371.5	269,100 *c	256,700 *c
120	75.1	370.2	269,100 *c	256,700 *c
125	74.3	368.8	256,100 *c	252,100 *c
130	73.5	367.3	242,000 *c	238,200 *c
135	72.7	365.7	229,000 *c	225,400 *b
140	71.9	364.1	217,000 *c	213,500 *b
145	71.1	362.4	205,800 *c	202,500 *b
150	70.3	360.6	195,400 *c	192,200 *b
155	69.5	358.7	185,600 *c	182,600 *b
160	68.7	356.8	176,500 *c	173,500 *b
165	67.9	354.8	167,800 *c	165,000 *b
170	67.0	352.6	159,700 *c	156,900 *b
175	66.2	350.4	151,900 *c	149,300 *b
180	65.4	348.1	144,600 *b	142,000 *b
185	64.5	345.8	137,600 *b	135,100 *b
190	63.7	343.3	131,000 *b	128,600 *b
195	62.8	340.7	124,600 *b	122,300 *b
200	61.9	338.1	118,500 *b	116,200 *b
205	61.1	335.3	112,600 *b	110,500 *b

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
375 ft. Boom				
210	60.2	332.4	107,000 *b	104,900 *b
215	59.3	329.5	101,500 *b	99,500 *b
220	58.4	326.4	96,300 *b	94,400 *b
225	57.5	323.2	91,200 *b	89,400 *b
230	56.6	319.9	86,300 *b	84,500 *b
235	55.6	316.5	81,600 *b	79,800 *b
240	54.7	313.0	77,000 *b	75,300 *b
245	53.8	309.3	72,500 *b	70,800 *b
250	52.8	305.5	68,200 *b	66,500 *b
255	51.8	301.6	63,900 *b	62,400 *b
260	50.9	297.6	59,800 *b	58,300 *b
265	49.9	293.4	55,700 *b	54,200 *b
270	48.8	289.0	51,800 *b	50,300 *b
275	47.8	284.5	47,900 *b	46,500 *
280	46.8	279.8	44,100 *b	42,700 *
285	45.7	275.0	40,300 *b	39,000 *
290	44.6	269.9	36,600 *b	35,400 *
295	43.5	264.7	33,000 *b	31,800 *



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

1,395,100 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
125 ft. Boom				
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	973,100 *c	966,500 *b
60	73.1	127.3	904,100 *b	898,100 *b
65	70.7	125.5	843,100 *b	837,500 *b
70	68.2	123.5	788,800 *b	783,600 *
75	65.7	121.3	740,100 *b	735,300 *
80	63.2	118.8	696,200 *b	691,800 *
85	60.5	115.9	656,400 *	652,300 *
90	57.8	112.8	608,100 *	602,100 *
95	55.0	109.3	548,000 *	542,800 *
100	52.2	105.5	494,900 *	490,200 *
105	49.1	101.2	447,300 *	443,100 *
110	46.0	96.4	404,200 *	400,500 *
115	42.6	91.1	364,700 *	361,400 *
120	39.0	85.0	328,000 *	325,200 *
125	35.1	78.1	293,400 *	
130	30.7	70.0	260,200 *	
150 ft. Boom				
50	79.9	155.6	1,043,200 *c	1,036,000 *b
55	78.0	154.6	965,200 *c	958,500 *b
60	76.0	153.3	896,800 *b	890,500 *b
65	74.0	151.9	836,300 *b	830,500 *b
70	72.0	150.3	782,400 *b	777,000 *b
75	70.0	148.5	734,200 *b	729,100 *b
80	67.9	146.4	690,700 *b	686,000 *b
85	65.9	144.2	651,200 *b	646,800 *
90	63.7	141.7	615,300 *b	611,200 *
95	61.6	139.0	576,100 b	571,800
100	59.3	136.1	532,800	528,900
105	57.1	132.9	494,600	491,000
110	54.7	129.3	460,600	457,400
115	52.3	125.5	429,000 *	425,000 *
120	49.8	121.3	393,800 *	390,200 *
125	47.2	116.7	361,400 *	358,100 *
130	44.5	111.7	331,300 *	328,300 *
135	41.7	106.2	303,200 *	300,500 *
140	38.7	100.0	276,500 *	274,200 *
145	35.4	93.2	251,100 *	
150	31.9	85.3	226,500 *	
155	27.9	76.3	202,200 *	

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
175 ft. Boom				
55	79.7	180.1	956,700 *c	949,900 *b
60	78.1	179.1	888,700 *c	882,300 *b
65	76.4	177.9	828,600 *c	822,700 *b
70	74.7	176.5	775,100 *b	769,600 *b
75	73.0	175.0	727,100 *b	722,000 *b
80	71.2	173.3	683,900 *b	679,100 *b
85	69.5	171.4	644,800 *b	640,200 *b
90	67.7	169.3	609,100 *b	604,800 *b
95	65.9	167.1	576,000 b	571,400 b
100	64.1	164.7	532,600 b	528,400
105	62.3	162.1	494,400 b	490,500
110	60.4	159.2	460,300 b	456,800
115	58.5	156.2	429,900 b	426,600
120	56.5	152.9	402,500	399,400
125	54.5	149.3	377,700	374,900
130	52.4	145.5	355,200	352,500
135	50.3	141.4	334,600	332,100
140	48.1	136.9	313,900 *	310,900 *
145	45.9	132.1	291,100 *	288,400 *
150	43.5	126.9	269,600 *	267,100 *
155	41.0	121.2	249,100 *	246,800 *
160	38.4	115.0	229,400 *	227,400 *
165	35.6	108.2	210,500 *	
170	32.6	100.6	192,000 *	
175	29.4	91.9	173,700 *	



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

1,395,100 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
200 ft. Boom				
55	81.0	205.6	901,400 *c	887,500 *b
60	79.6	204.6	880,500 *c	873,400 *b
65	78.1	203.6	820,700 *c	814,700 *b
70	76.6	202.4	767,500 *c	761,900 *b
75	75.2	201.1	719,900 *c	714,600 *b
80	73.7	199.6	676,900 *b	671,900 *b
85	72.2	198.0	638,100 *b	633,300 *b
90	70.6	196.2	602,700 *b	598,200 *b
95	69.1	194.3	570,300 *b	566,100 *b
100	67.6	192.3	531,400 b	527,000 b
105	66.0	190.0	493,100 b	489,100 b
110	64.4	187.6	459,100 b	455,300 b
115	62.8	185.1	428,700 b	425,200 b
120	61.2	182.3	401,300 b	398,000 b
125	59.5	179.4	376,500 b	373,400
130	57.8	176.3	354,000 b	351,100
135	56.1	172.9	333,400	330,700
140	54.3	169.3	314,500	312,000
145	52.5	165.5	297,100	294,800
150	50.7	161.4	281,100	278,900
155	48.8	157.1	266,200	264,200
160	46.8	152.4	250,600 *	248,000 *
165	44.8	147.4	234,000 *	231,700 *
170	42.7	142.1	218,200 *	216,000 *
175	40.5	136.3	202,900 *	200,900 *
180	38.2	130.0	188,200 *	186,300 *
185	35.8	123.2	173,800 *	
190	33.2	115.7	159,700 *	
195	30.4	107.4	145,700 *	
200	27.4	98.1	131,700 *	

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
225 ft. Boom				
60	80.7	230.1	764,200 *c	749,800 *b
65	79.5	229.1	752,600 *c	738,700 *b
70	78.2	228.1	741,100 *c	727,800 *b
75	76.8	226.9	712,800 *c	707,400 *b
80	75.5	225.6	670,100 *c	665,000 *b
85	74.2	224.2	631,400 *c	626,600 *b
90	72.9	222.7	596,200 *c	591,600 *b
95	71.5	221.0	564,000 *b	559,700 *b
100	70.2	219.2	529,500 *b	523,400 *b
105	68.8	217.2	492,000 b	487,800 b
110	67.4	215.2	458,000 b	454,000 b
115	66.0	212.9	427,500 b	423,800 b
120	64.6	210.6	400,100 b	396,600 b
125	63.2	208.1	375,200 b	372,000 b
130	61.8	205.4	352,700 b	349,600 b
135	60.3	202.5	332,100 b	329,200
140	58.8	199.5	313,200 b	310,400
145	57.3	196.3	295,800 b	293,200
150	55.8	192.9	279,700 b	277,300
155	54.2	189.3	264,800	262,500
160	52.6	185.5	251,000	248,900
165	51.0	181.5	238,100	236,100
170	49.3	177.2	226,100 *	223,500 *
175	47.6	172.7	212,700 *	210,200 *
180	45.8	167.8	199,800 *	197,500 *
185	44.0	162.7	187,400 *	185,200 *
190	42.1	157.2	175,400 *	173,400 *
195	40.1	151.3	163,700 *	161,800 *
200	38.1	145.0	152,300 *	150,600 *
205	35.9	138.2	141,200 *	
210	33.6	130.8	130,200 *	
215	31.2	122.8	119,300 *	
220	28.6	113.8	108,400 *	



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

1,395,100 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
250 ft. Boom				
65	80.5	254.6	653,200 *c	638,500 *c
70	79.4	253.6	644,000 *c	629,900 *b
75	78.2	252.6	634,900 *c	621,300 *b
80	77.0	251.4	625,800 *c	612,700 *b
85	75.8	250.2	611,900 *c	604,100 *b
90	74.6	248.8	567,500 *c	560,300 *b
95	73.4	247.3	528,400 *c	521,700 *b
100	72.2	245.7	493,700 *c	487,500 *b
105	71.0	244.0	462,500 *b	456,700 *b
110	69.8	242.1	434,400 *b	429,000 *b
115	68.6	240.2	408,800 *b	403,700 *b
120	67.3	238.1	385,300 *b	380,500 *b
125	66.1	235.9	363,700 *b	359,200 *b
130	64.8	233.5	343,700 *b	339,400 *b
135	63.5	231.0	325,100 *b	321,100 *b
140	62.2	228.4	307,700 *b	303,900 *b
145	60.9	225.6	291,400 *b	287,800 *b
150	59.6	222.7	276,000 *b	272,600 *
155	58.3	219.6	261,500 *b	258,300 *
160	56.9	216.4	247,800 *b	244,700 *
165	55.5	212.9	234,800 *b	231,800 *
170	54.1	209.3	222,300 *b	219,500 *
175	52.6	205.5	210,400 *	207,800 *
180	51.2	201.5	199,000 *	196,500 *
185	49.7	197.3	188,100 *	185,700 *
190	48.1	192.8	177,600 *	175,300 *
195	46.6	188.1	167,400 *	165,300 *
200	45.0	183.2	157,500 *	155,500 *
205	43.3	177.9	148,000 *	146,100 *
210	41.6	172.3	138,600 *	136,800 *
215	39.8	166.4	129,500 *	127,800 *
220	37.9	160.0	120,600 *	119,000 *
225	36.0	153.2	111,800 *	
230	34.0	145.9	103,100 *	
235	31.8	138.0	94,400 *	
240	29.5	129.4	85,800 *	
245	27.1	119.9	77,000 *	

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
275 ft. Boom				
70	80.3	279.1	567,000 *c	562,000 *b
75	79.3	278.1	561,100 *c	556,700 *b
80	78.2	277.1	555,100 *c	551,200 *b
85	77.1	275.9	549,100 *c	545,700 *b
90	76.1	274.7	525,400 *b	518,200 *b
95	75.0	273.3	489,700 *b	483,000 *b
100	73.9	271.9	458,000 *b	451,800 *b
105	72.8	270.4	429,700 *b	423,900 *b
110	71.7	268.7	404,200 *b	398,700 *b
115	70.6	266.9	381,000 *b	375,800 *b
120	69.5	265.1	359,900 *b	355,000 *b
125	68.4	263.1	340,400 *b	335,800 *
130	67.3	261.0	322,300 *b	318,000 *
135	66.1	258.8	305,600 *b	301,400 *
140	65.0	256.4	289,900 *b	286,000 *
145	63.8	254.0	275,300 *b	271,600 *
150	62.6	251.4	261,500 *b	258,000 *
155	61.4	248.7	248,500 *b	245,200 *
160	60.2	245.8	236,300 *	233,100 *
165	59.0	242.8	224,600 *	221,500 *
170	57.8	239.7	213,500 *	210,600 *
175	56.6	236.4	202,900 *	200,100 *
180	55.3	232.9	192,800 *	190,200 *
185	54.0	229.3	183,100 *	180,600 *
190	52.7	225.5	173,800 *	171,400 *
195	51.4	221.5	164,800 *	162,500 *
200	50.0	217.4	156,100 *	153,900 *
205	48.6	213.0	147,700 *	145,600 *
210	47.2	208.4	139,600 *	137,600 *
215	45.8	203.5	131,700 *	129,800 *
220	44.3	198.4	124,000 *	122,200 *
225	42.7	193.1	116,500 *	114,700 *
230	41.2	187.4	109,100 *	107,500 *
235	39.5	181.4	101,900 *	100,300 *
240	37.8	175.0	94,700 *	93,300 *
245	36.1	168.2	87,700 *	
250	34.3	161.0	80,700 *	
255	32.3	153.2	73,800 *	
260	30.3	144.8	66,800 *	
265	28.1	135.7	59,800 *	



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
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

100 ft. Jib

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds	
			Jib At	Jib At
			10 Degree Offset	20 Degree Offset
300 ft. Boom				
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	475,300 * c	469,700 * b
90	77.3	300.4	470,500 * c	465,300 * b
95	76.3	299.2	454,800 * c	448,000 * b
100	75.3	297.9	425,200 * b	418,900 * b
105	74.3	296.5	398,800 * b	392,900 * b
110	73.3	295.0	375,100 * b	369,500 * b
115	72.3	293.4	353,500 * b	348,300 * b
120	71.3	291.7	333,900 * b	329,000 * b
125	70.3	289.9	315,900 * b	311,200 * b
130	69.2	288.0	299,300 * b	294,800 * b
135	68.2	286.0	283,900 * b	279,700 * b
140	67.2	283.9	269,500 * b	265,500 * b
145	66.1	281.7	256,100 * b	252,300 * b
150	65.1	279.4	243,600 * b	239,900 * b
155	64.0	276.9	231,700 * b	228,200 * b
160	63.0	274.4	220,500 * b	217,200 *
165	61.9	271.7	209,900 * b	206,800 *
170	60.8	268.9	199,900 * b	196,800 *
175	59.7	266.0	190,300 * b	187,400 *
180	58.5	263.0	181,100 *	178,300 *
185	57.4	259.8	172,400 *	169,700 *
190	56.3	256.4	164,000 *	161,400 *
195	55.1	253.0	155,900 *	153,400 *

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
300 ft. Boom				
200	53.9	249.3	148,100 *	145,700 *
205	52.7	245.5	140,600 *	138,300 *
210	51.5	241.6	133,300 *	131,200 *
215	50.3	237.4	126,300 *	124,200 *
220	49.0	233.1	119,400 *	117,500 *
225	47.7	228.6	112,800 *	110,900 *
230	46.4	223.8	106,300 *	104,500 *
235	45.1	218.9	100,000 *	98,200 *
240	43.7	213.7	93,800 *	92,100 *
245	42.3	208.2	87,700 *	86,100 *
250	40.8	202.5	81,700 *	80,200 *
255	39.3	196.4	75,800 *	74,400 *
260	37.8	190.0	70,000 *	68,700 *
265	36.2	183.3	64,300 *	
270	34.5	176.1	58,600 *	
275	32.7	168.4	52,900 *	
280	30.9	160.2	47,100 *	
285	29.0	151.3	41,400 *	



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

1,395,100 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
325 ft. Boom				
75	80.9	328.9	391,100 *c	379,200 *b
80	80.0	328.1	391,100 *c	379,200 *b
85	79.1	327.1	391,100 *c	379,200 *b
90	78.2	326.1	391,100 *c	379,200 *b
95	77.3	324.9	391,100 *c	379,200 *b
100	76.4	323.7	391,100 *c	379,200 *b
105	75.5	322.4	370,900 *c	364,800 *b
110	74.6	321.1	348,500 *c	342,800 *b
115	73.7	319.6	328,400 *b	323,100 *b
120	72.8	318.0	310,000 *b	304,900 *b
125	71.8	316.4	293,100 *b	288,300 *b
130	70.9	314.7	277,500 *b	273,000 *b
135	70.0	312.9	263,200 *b	258,800 *b
140	69.0	310.9	249,800 *b	245,700 *b
145	68.1	308.9	237,300 *b	233,400 *b
150	67.1	306.8	225,700 *b	221,900 *b
155	66.2	304.6	214,700 *b	211,100 *b
160	65.2	302.3	204,400 *b	200,900 *b
165	64.2	299.9	194,600 *b	191,300 *b
170	63.2	297.4	185,300 *b	182,200 *b
175	62.2	294.7	176,500 *b	173,500 *b
180	61.2	292.0	168,100 *b	165,200 *b
185	60.2	289.1	160,100 *b	157,300 *
190	59.2	286.2	152,400 *b	149,700 *
195	58.1	283.1	145,000 *b	142,500 *

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
325 ft. Boom				
200	57.1	279.8	138,000 *b	135,500 *
205	56.0	276.5	131,100 *	128,700 *
210	55.0	273.0	124,500 *	122,200 *
215	53.9	269.3	118,200 *	115,900 *
220	52.8	265.5	112,000 *	109,900 *
225	51.6	261.6	106,000 *	104,000 *
230	50.5	257.5	100,200 *	98,200 *
235	49.3	253.2	94,500 *	92,600 *
240	48.2	248.7	89,000 *	87,200 *
245	47.0	244.1	83,600 *	81,900 *
250	45.7	239.2	78,300 *	76,700 *
255	44.5	234.2	73,200 *	71,500 *
260	43.2	228.9	68,100 *	66,500 *
265	41.9	223.3	63,100 *	61,600 *
270	40.5	217.5	58,200 *	56,800 *
275	39.1	211.4	53,300 *	52,000 *
280	37.7	205.0	48,500 *	47,200 *
285	36.2	198.3	43,700 *	42,500 *
290	34.7	191.1	39,000 *	
295	33.1	183.5	34,200 *	



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
1,395,100 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
350 ft. Boom				
80	80.8	353.5	322,200 *c	310,000 *b
85	79.9	352.6	322,200 *c	310,000 *b
90	79.1	351.6	322,200 *c	310,000 *b
95	78.3	350.6	322,200 *c	310,000 *b
100	77.4	349.4	322,200 *c	310,000 *b
105	76.6	348.2	322,200 *c	310,000 *b
110	75.7	347.0	322,200 *c	310,000 *b
115	74.9	345.6	304,700 *c	299,300 *b
120	74.0	344.2	287,200 *c	282,100 *b
125	73.2	342.7	271,200 *c	266,300 *b
130	72.3	341.1	256,400 *c	251,800 *b
135	71.5	339.4	242,900 *b	238,500 *b
140	70.6	337.6	230,300 *b	226,100 *b
145	69.7	335.8	218,500 *b	214,500 *b
150	68.8	333.9	207,600 *b	203,700 *b
155	68.0	331.8	197,300 *b	193,600 *b
160	67.1	329.7	187,600 *b	184,100 *b
165	66.2	327.5	178,500 *b	175,100 *b
170	65.3	325.2	169,900 *b	166,600 *b
175	64.4	322.8	161,700 *b	158,500 *b
180	63.5	320.3	153,900 *b	150,900 *b
185	62.5	317.7	146,500 *b	143,600 *b
190	61.6	315.0	139,300 *b	136,600 *
195	60.7	312.2	132,500 *b	129,800 *
200	59.7	309.3	126,000 *b	123,400 *

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
350 ft. Boom				
205	58.8	306.3	119,700 *b	117,200 *
210	57.8	303.1	113,600 *b	111,200 *
215	56.8	299.9	107,800 *b	105,500 *
220	55.8	296.5	102,200 *b	99,900 *
225	54.8	293.0	96,700 *	94,500 *
230	53.8	289.3	91,400 *	89,300 *
235	52.8	285.5	86,200 *	84,200 *
240	51.7	281.6	81,200 *	79,300 *
245	50.7	277.5	76,300 *	74,400 *
250	49.6	273.3	71,600 *	69,800 *
255	48.5	268.9	66,900 *	65,200 *
260	47.4	264.3	62,400 *	60,700 *
265	46.3	259.5	57,900 *	56,300 *
270	45.1	254.6	53,500 *	52,000 *
275	44.0	249.4	49,200 *	47,700 *
280	42.8	244.1	45,000 *	43,500 *
285	41.5	238.5	40,800 *	39,400 *
290	40.3	232.6	36,700 *	35,400 *
295	39.0	226.5	32,600 *	31,300 *



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
1,395,100 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
375 ft. Boom				
85	80.6	378.0	263,200 *c	250,200 *c
90	79.8	377.1	263,200 *c	250,200 *b
95	79.1	376.1	263,200 *c	250,200 *b
100	78.3	375.1	263,200 *c	250,200 *b
105	77.5	373.9	263,200 *c	250,200 *b
110	76.7	372.8	263,200 *c	250,200 *b
115	75.9	371.5	263,200 *c	250,200 *b
120	75.1	370.2	232,000 *c	250,200 *b
125	74.3	368.8	250,700 *c	245,800 *b
130	73.5	367.3	236,600 *c	232,000 *b
135	72.7	365.7	223,700 *c	219,300 *b
140	71.9	364.1	211,700 *b	207,500 *b
145	71.1	362.4	200,600 *b	196,500 *b
150	70.3	360.6	190,200 *b	186,300 *b
155	69.5	358.7	180,400 *b	176,700 *b
160	68.7	356.8	171,300 *b	167,700 *b
165	67.9	354.8	162,700 *b	159,300 *b
170	67.0	352.6	154,600 *b	151,300 *b
175	66.2	350.4	146,900 *b	143,700 *b
180	65.4	348.1	139,500 *b	136,500 *b
185	64.5	345.8	132,600 *b	129,600 *b
190	63.7	343.3	125,900 *b	123,100 *b
195	62.8	340.7	119,600 *b	116,800 *b
200	61.9	338.1	113,500 *b	110,800 *b
205	61.1	335.3	107,600 *b	105,100 *b

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
375 ft. Boom				
210	60.2	332.4	102,000 *b	99,500 *b
215	59.3	329.5	96,600 *b	94,200 *b
220	58.4	326.4	91,400 *b	89,100 *
225	57.5	323.2	86,300 *b	84,100 *
230	56.6	319.9	81,400 *b	79,300 *
235	55.6	316.5	76,700 *b	74,600 *
240	54.7	313.0	72,100 *b	70,100 *
245	53.8	309.3	67,700 *b	65,700 *
250	52.8	305.5	63,300 *	61,400 *
255	51.8	301.6	59,100 *	57,200 *
260	50.9	297.6	54,900 *	53,200 *
265	49.9	293.4	50,900 *	49,200 *
270	48.8	289.0	46,900 *	45,300 *
275	47.8	284.5	43,100 *	41,400 *
280	46.8	279.8	39,300 *	37,700 *
285	45.7	275.0	35,500 *	34,000 *
290	44.6	269.9	31,900 *	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
1,395,100 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
125 ft. Boom				
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	966,000 *b	958,000 *b
60	73.1	127.3	896,800 *b	889,500 *
65	70.7	125.5	835,600 *b	828,900 *
70	68.2	123.5	781,200 *b	774,900 *
75	65.7	121.3	732,300 *	726,500 *
80	63.2	118.8	688,300 *	682,900 *
85	60.5	115.9	648,300 *	643,400 *
90	57.8	112.8	597,200 *	590,000 *
95	55.0	109.3	537,200 *	530,800 *
100	52.2	105.5	484,100 *	478,400 *
105	49.1	101.2	436,500 *	431,400 *
110	46.0	96.4	393,400 *	388,900 *
115	42.6	91.1	354,000 *	350,000 *
120	39.0	85.0	317,300 *	313,800 *
125	35.1	78.1	282,700 *	
130	30.7	70.0	249,500 *	
150 ft. Boom				
50	79.9	155.6	1,036,600 *c	1,027,900 *b
55	78.0	154.6	958,400 *b	950,300 *b
60	76.0	153.3	889,800 *b	882,300 *b
65	74.0	151.9	829,200 *b	822,200 *b
70	72.0	150.3	775,200 *b	768,700 *
75	70.0	148.5	726,900 *b	720,800 *
80	67.9	146.4	683,200 *b	677,600 *
85	65.9	144.2	643,700 *	638,400 *
90	63.7	141.7	607,700 *	602,800 *
95	61.6	139.0	568,800 *	563,600 *
100	59.3	136.1	525,500 *	520,800 *
105	57.1	132.9	487,300 *	483,000 *
110	54.7	129.3	453,400 *	449,400 *
115	52.3	125.5	419,300 *	414,400 *
120	49.8	121.3	384,100 *	379,700 *
125	47.2	116.7	351,700 *	347,700 *
130	44.5	111.7	321,700 *	318,000 *
135	41.7	106.2	293,500 *	290,300 *
140	38.7	100.0	266,900 *	264,000 *
145	35.4	93.2	241,500 *	
150	31.9	85.3	216,900 *	
155	27.9	76.3	192,600 *	

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
175 ft. Boom				
55	79.7	180.1	950,200 *c	942,000 *b
60	78.1	179.1	882,100 *c	874,400 *b
65	76.4	177.9	821,900 *b	814,700 *b
70	74.7	176.5	768,300 *b	761,600 *b
75	73.0	175.0	720,200 *b	714,000 *b
80	71.2	173.3	676,900 *b	671,100 *
85	69.5	171.4	637,700 *b	632,200 *
90	67.7	169.3	602,000 *b	596,800 *
95	65.9	167.1	569,200 b	563,700
100	64.1	164.7	525,900	520,800
105	62.3	162.1	487,600	483,000
110	60.4	159.2	453,600	449,300
115	58.5	156.2	423,200	419,200
120	56.5	152.9	395,800	392,100
125	54.5	149.3	371,000	367,600
130	52.4	145.5	348,500	345,300
135	50.3	141.4	327,900	325,000
140	48.1	136.9	305,100 *	301,400 *
145	45.9	132.1	282,300 *	278,900 *
150	43.5	126.9	260,700 *	257,700 *
155	41.0	121.2	240,200 *	237,500 *
160	38.4	115.0	220,600 *	218,100 *
165	35.6	108.2	201,600 *	
170	32.6	100.6	183,200 *	
175	29.4	91.9	164,900 *	



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

1,395,100 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
200 ft. Boom				
55	81.0	205.6	895,800 *c	880,600 *b
60	79.6	204.6	874,200 *c	866,400 *b
65	78.1	203.6	814,300 *c	807,100 *b
70	76.6	202.4	761,000 *b	754,200 *b
75	75.2	201.1	713,300 *b	706,900 *b
80	73.7	199.6	670,300 *b	664,300 *b
85	72.2	198.0	631,400 *b	625,700 *b
90	70.6	196.2	595,900 *b	590,500 *b
95	69.1	194.3	563,500 *b	558,400 *
100	67.6	192.3	525,100 b	519,800
105	66.0	190.0	486,900 b	481,900
110	64.4	187.6	452,900 b	448,300
115	62.8	185.1	422,500 b	418,200
120	61.2	182.3	395,100	391,100
125	59.5	179.4	370,300	366,600
130	57.8	176.3	347,800	344,300
135	56.1	172.9	327,200	323,900
140	54.3	169.3	308,300	305,300
145	52.5	165.5	291,000	288,100
150	50.7	161.4	274,900	272,300
155	48.8	157.1	259,700 *	256,300 *
160	46.8	152.4	242,300 *	239,200 *
165	44.8	147.4	225,800 *	222,900 *
170	42.7	142.1	210,000 *	207,300 *
175	40.5	136.3	194,700 *	192,300 *
180	38.2	130.0	180,000 *	177,700 *
185	35.8	123.2	165,600 *	
190	33.2	115.7	151,500 *	
195	30.4	107.4	137,500 *	
200	27.4	98.1	123,500 *	

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
225 ft. Boom				
60	80.7	230.1	759,000 *c	742,700 *b
65	79.5	229.1	747,200 *c	731,500 *b
70	78.2	228.1	735,600 *c	720,600 *b
75	76.8	226.9	706,500 *c	700,000 *b
80	75.5	225.6	663,800 *b	657,600 *b
85	74.2	224.2	625,000 *b	619,200 *b
90	72.9	222.7	589,800 *b	584,300 *b
95	71.5	221.0	557,500 *b	552,200 *b
100	70.2	219.2	521,600 *b	514,200 *b
105	68.8	217.2	486,100 b	480,100 *b
110	67.4	215.2	452,100 b	447,300
115	66.0	212.9	421,600 b	417,200
120	64.6	210.6	394,200 b	390,000
125	63.2	208.1	369,400 b	365,500
130	61.8	205.4	346,800 b	343,100
135	60.3	202.5	326,200	322,700
140	58.8	199.5	307,300	304,100
145	57.3	196.3	290,000	286,900
150	55.8	192.9	273,900	271,000
155	54.2	189.3	259,000	256,300
160	52.6	185.5	245,200	242,600
165	51.0	181.5	232,300 *	229,000 *
170	49.3	177.2	218,300 *	215,200 *
175	47.6	172.7	204,900 *	202,000 *
180	45.8	167.8	192,000 *	189,300 *
185	44.0	162.7	179,600 *	177,100 *
190	42.1	157.2	167,600 *	165,200 *
195	40.1	151.3	156,000 *	153,800 *
200	38.1	145.0	144,600 *	142,600 *
205	35.9	138.2	133,500 *	
210	33.6	130.8	122,500 *	
215	31.2	122.8	111,600 *	
220	28.6	113.8	100,700 *	



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
1,395,100 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
250 ft. Boom				
65	80.5	254.6	648,200 *c	631,700 *b
70	79.4	253.6	638,900 *c	623,000 *b
75	78.2	252.6	629,600 *c	614,300 *b
80	77.0	251.4	620,300 *c	605,600 *b
85	75.8	250.2	604,200 *c	594,700 *b
90	74.6	248.8	559,800 *b	551,000 *b
95	73.4	247.3	520,700 *b	512,600 *b
100	72.2	245.7	486,000 *b	478,500 *b
105	71.0	244.0	454,900 *b	447,900 *b
110	69.8	242.1	426,800 *b	420,200 *b
115	68.6	240.2	401,200 *b	395,100 *b
120	67.3	238.1	377,800 *b	372,000 *b
125	66.1	235.9	356,200 *b	350,700 *
130	64.8	233.5	336,200 *b	331,000 *
135	63.5	231.0	317,600 *b	312,700 *
140	62.2	228.4	300,200 *b	295,600 *
145	60.9	225.6	283,900 *b	279,500 *
150	59.6	222.7	268,600 *	264,400 *
155	58.3	219.6	254,100 *	250,200 *
160	56.9	216.4	240,300 *	236,600 *
165	55.5	212.9	227,300 *	223,800 *
170	54.1	209.3	214,900 *	211,500 *
175	52.6	205.5	203,000 *	199,800 *
180	51.2	201.5	191,600 *	188,600 *
185	49.7	197.3	180,700 *	177,800 *
190	48.1	192.8	170,200 *	167,500 *
195	46.6	188.1	160,000 *	157,400 *
200	45.0	183.2	150,100 *	147,700 *
205	43.3	177.9	140,600 *	138,300 *
210	41.6	172.3	131,200 *	129,100 *
215	39.8	166.4	122,100 *	120,200 *
220	37.9	160.0	113,200 *	111,400 *
225	36.0	153.2	104,400 *	
230	34.0	145.9	95,700 *	
235	31.8	138.0	87,100 *	
240	29.5	129.4	78,400 *	
245	27.1	119.9	69,700 *	

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
275 ft. Boom				
70	80.3	279.1	565,500 * c	560,800 * b
75	79.3	278.1	559,800 * b	555,700 * b
80	78.2	277.1	554,000 * b	550,500 * b
85	77.1	275.9	548,200 * b	545,200 * b
90	76.1	274.7	517,800 * b	509,100 * b
95	75.0	273.3	482,200 * b	474,000 * b
100	73.9	271.9	450,500 * b	443,000 * b
105	72.8	270.4	422,300 * b	415,200 *
110	71.7	268.7	396,800 * b	390,100 *
115	70.6	266.9	373,600 * b	367,300 *
120	69.5	265.1	352,500 * b	346,700 *
125	68.4	263.1	333,000 * b	327,500 *
130	67.3	261.0	315,000 * b	309,800 *
135	66.1	258.8	298,300 *	293,300 *
140	65.0	256.4	282,600 *	277,900 *
145	63.8	254.0	268,000 *	263,500 *
150	62.6	251.4	254,300 *	250,000 *
155	61.4	248.7	241,300 *	237,300 *
160	60.2	245.8	229,000 *	225,200 *
165	59.0	242.8	217,400 *	213,700 *
170	57.8	239.7	206,300 *	202,800 *
175	56.6	236.4	195,700 *	192,400 *
180	55.3	232.9	185,600 *	182,400 *
185	54.0	229.3	175,900 *	172,900 *
190	52.7	225.5	166,600 *	163,700 *
195	51.4	221.5	157,600 *	154,900 *
200	50.0	217.4	149,000 *	146,300 *
205	48.6	213.0	140,600 *	138,100 *
210	47.2	208.4	132,500 *	130,100 *
215	45.8	203.5	124,600 *	122,300 *
220	44.3	198.4	116,900 *	114,700 *
225	42.7	193.1	109,300 *	107,300 *
230	41.2	187.4	102,000 *	100,100 *
235	39.5	181.4	94,800 *	93,000 *
240	37.8	175.0	87,700 *	86,000 *
245	36.1	168.2	80,600 *	
250	34.3	161.0	73,700 *	
255	32.3	153.2	66,700 *	
260	30.3	144.8	59,800 *	
265	28.1	135.7	52,700 *	



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

1,395,100 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
300 ft. Boom				
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	473,700 * b	462,000 * b
90	77.3	300.4	469,000 * b	462,000 * b
95	76.3	299.2	447,500 * b	439,300 * b
100	75.3	297.9	418,000 * b	410,300 * b
105	74.3	296.5	391,600 * b	384,400 * b
110	73.3	295.0	367,900 * b	361,200 * b
115	72.3	293.4	346,400 * b	340,100 * b
120	71.3	291.7	326,800 * b	320,800 *
125	70.3	289.9	308,800 * b	303,100 *
130	69.2	288.0	292,200 * b	286,800 *
135	68.2	286.0	276,800 * b	271,700 *
140	67.2	283.9	262,500 * b	257,700 *
145	66.1	281.7	249,100 * b	244,500 *
150	65.1	279.4	236,600 * b	232,200 *
155	64.0	276.9	224,700 *	220,500 *
160	63.0	274.4	213,600 *	209,600 *
165	61.9	271.7	203,000 *	199,200 *
170	60.8	268.9	192,900 *	189,300 *
175	59.7	266.0	183,300 *	179,800 *
180	58.5	263.0	174,200 *	170,800 *
185	57.4	259.8	165,400 *	162,200 *
190	56.3	256.4	157,000 *	154,000 *
195	55.1	253.0	149,000 *	146,000 *

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
300 ft. Boom				
200	53.9	249.3	141,200 *	138,400 *
205	52.7	245.5	133,700 *	131,000 *
210	51.5	241.6	126,400 *	123,900 *
215	50.3	237.4	119,400 *	116,900 *
220	49.0	233.1	112,600 *	110,200 *
225	47.7	228.6	105,900 *	103,700 *
230	46.4	223.8	99,400 *	97,300 *
235	45.1	218.9	93,100 *	91,100 *
240	43.7	213.7	86,900 *	85,000 *
245	42.3	208.2	80,900 *	79,000 *
250	40.8	202.5	74,900 *	73,100 *
255	39.3	196.4	69,000 *	67,300 *
260	37.8	190.0	63,200 *	61,600 *
265	36.2	183.3	57,500 *	
270	34.5	176.1	51,800 *	
275	32.7	168.4	46,100 *	
280	30.9	160.2	40,300 *	
285	29.0	151.3	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
1,395,100 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
325 ft. Boom				
75	80.9	328.9	384,100 * c	371,100 * b
80	80.0	328.1	384,100 * c	371,100 * b
85	79.1	327.1	384,100 * c	371,100 * b
90	78.2	326.1	384,100 * c	371,100 * b
95	77.3	324.9	384,100 * b	371,100 * b
100	76.4	323.7	384,100 * b	371,100 * b
105	75.5	322.4	363,900 * b	356,700 * b
110	74.6	321.1	341,600 * b	334,700 * b
115	73.7	319.6	321,500 * b	315,100 * b
120	72.8	318.0	303,100 * b	297,000 * b
125	71.8	316.4	286,200 * b	280,500 * b
130	70.9	314.7	270,700 * b	265,200 * b
135	70.0	312.9	256,300 * b	251,100 * b
140	69.0	310.9	243,000 * b	238,100 *
145	68.1	308.9	230,600 * b	225,800 *
150	67.1	306.8	218,900 * b	214,400 *
155	66.2	304.6	208,000 * b	203,600 *
160	65.2	302.3	197,600 * b	193,500 *
165	64.2	299.9	187,900 * b	183,900 *
170	63.2	297.4	178,600 * b	174,800 *
175	62.2	294.7	169,800 *	166,200 *
180	61.2	292.0	161,400 *	157,900 *
185	60.2	289.1	153,400 *	150,000 *
190	59.2	286.2	145,700 *	142,500 *
195	58.1	283.1	138,400 *	135,300 *

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
325 ft. Boom				
200	57.1	279.8	131,300 *	128,300 *
205	56.0	276.5	124,500 *	121,600 *
210	55.0	273.0	117,900 *	115,100 *
215	53.9	269.3	111,500 *	108,900 *
220	52.8	265.5	105,300 *	102,800 *
225	51.6	261.6	99,400 *	96,900 *
230	50.5	257.5	93,600 *	91,200 *
235	49.3	253.2	87,900 *	85,600 *
240	48.2	248.7	82,400 *	80,200 *
245	47.0	244.1	77,000 *	74,900 *
250	45.7	239.2	71,700 *	69,700 *
255	44.5	234.2	66,600 *	64,600 *
260	43.2	228.9	61,500 *	59,700 *
265	41.9	223.3	56,500 *	54,700 *
270	40.5	217.5	51,600 *	49,900 *
275	39.1	211.4	46,700 *	45,100 *
280	37.7	205.0	41,900 *	40,400 *
285	36.2	198.3	37,100 *	35,700 *
290	34.7	191.1	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

1,395,100 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
350 ft. Boom				
80	80.8	353.5	316,000 *c	302,800 *b
85	79.9	352.6	316,000 *c	302,800 *b
90	79.1	351.6	316,000 *c	302,800 *b
95	78.3	350.6	316,000 *c	302,800 *b
100	77.4	349.4	316,000 *c	302,800 *b
105	76.6	348.2	316,000 *c	302,800 *b
110	75.7	347.0	316,000 *b	302,800 *b
115	74.9	345.6	298,100 *b	291,600 *b
120	74.0	344.2	280,600 *b	274,400 *b
125	73.2	342.7	264,600 *b	258,700 *b
130	72.3	341.1	249,900 *b	244,300 *b
135	71.5	339.4	236,300 *b	231,000 *b
140	70.6	337.6	223,700 *b	218,700 *b
145	69.7	335.8	212,000 *b	207,200 *b
150	68.8	333.9	201,000 *b	196,400 *b
155	68.0	331.8	190,800 *b	186,400 *
160	67.1	329.7	181,100 *b	176,900 *
165	66.2	327.5	172,000 *b	167,900 *
170	65.3	325.2	163,400 *b	159,400 *
175	64.4	322.8	155,200 *b	151,400 *
180	63.5	320.3	147,400 *b	143,800 *
185	62.5	317.7	140,000 *b	136,500 *
190	61.6	315.0	132,900 *	129,500 *
195	60.7	312.2	126,100 *	122,800 *
200	59.7	309.3	119,500 *	116,400 *

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
350 ft. Boom				
205	58.8	306.3	113,300 *	110,300 *
210	57.8	303.1	107,200 *	104,300 *
215	56.8	299.9	101,400 *	98,600 *
220	55.8	296.5	95,700 *	93,000 *
225	54.8	293.0	90,200 *	87,700 *
230	53.8	289.3	84,900 *	82,400 *
235	52.8	285.5	79,800 *	77,400 *
240	51.7	281.6	74,800 *	72,500 *
245	50.7	277.5	69,900 *	67,700 *
250	49.6	273.3	65,200 *	63,000 *
255	48.5	268.9	60,500 *	58,400 *
260	47.4	264.3	56,000 *	54,000 *
265	46.3	259.5	51,500 *	49,600 *
270	45.1	254.6	47,100 *	45,300 *
275	44.0	249.4	42,800 *	41,100 *
280	42.8	244.1	38,600 *	36,900 *
285	41.5	238.5	34,400 *	32,800 *
290	40.3	232.6	30,300 *	



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
1,395,100 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
125 ft. Boom				
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	959,400 *b	950,100 *
60	73.1	127.3	890,100 *b	881,500 *
65	70.7	125.5	828,800 *	820,900 *
70	68.2	123.5	774,200 *	766,900 *
75	65.7	121.3	725,300 *	718,500 *
80	63.2	118.8	681,200 *	674,900 *
85	60.5	115.9	641,200 *	635,400 *
90	57.8	112.8	587,100 *	578,700 *
95	55.0	109.3	527,200 *	519,700 *
100	52.2	105.5	474,200 *	467,600 *
105	49.1	101.2	426,700 *	420,800 *
110	46.0	96.4	383,700 *	378,500 *
115	42.6	91.1	344,300 *	339,800 *
120	39.0	85.0	307,800 *	303,800 *
125	35.1	78.1	273,300 *	
130	30.7	70.0	240,100 *	
150 ft. Boom				
50	79.9	155.6	1,030,400 *b	1,020,100 *b
55	78.0	154.6	952,100 *b	942,600 *
60	76.0	153.3	883,400 *b	874,700 *
65	74.0	151.9	822,700 *b	814,600 *
70	72.0	150.3	768,700 *	761,100 *
75	70.0	148.5	720,300 *	713,200 *
80	67.9	146.4	676,600 *	670,000 *
85	65.9	144.2	637,100 *	630,900 *
90	63.7	141.7	601,000 *	595,300 *
95	61.6	139.0	562,000	555,900
100	59.3	136.1	518,800	513,300
105	57.1	132.9	480,700	475,600
110	54.7	129.3	446,800	442,200
115	52.3	125.5	410,500 *	404,900 *
120	49.8	121.3	375,400 *	370,300 *
125	47.2	116.7	343,100 *	338,500 *
130	44.5	111.7	313,100 *	309,000 *
135	41.7	106.2	285,000 *	281,300 *
140	38.7	100.0	258,500 *	255,200 *
145	35.4	93.2	233,200 *	
150	31.9	85.3	208,600 *	
155	27.9	76.3	184,400 *	

140 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
175 ft. Boom				
55	79.7	180.1	944,200 *b	934,600 *b
60	78.1	179.1	876,000 *b	867,100 *b
65	76.4	177.9	815,700 *b	807,400 *
70	74.7	176.5	762,100 *b	754,300 *
75	73.0	175.0	714,000 *b	706,800 *
80	71.2	173.3	670,700 *b	663,900 *
85	69.5	171.4	631,500 *	625,000 *
90	67.7	169.3	595,700 *	589,700 *
95	65.9	167.1	562,900	556,500
100	64.1	164.7	519,700	513,800
105	62.3	162.1	481,500	476,000
110	60.4	159.2	447,600	442,500
115	58.5	156.2	417,200	412,500
120	56.5	152.9	389,900	385,600
125	54.5	149.3	365,100	361,200
130	52.4	145.5	342,600	339,000
135	50.3	141.4	321,400 *	316,900 *
140	48.1	136.9	297,300 *	293,100 *
145	45.9	132.1	274,500 *	270,700 *
150	43.5	126.9	253,100 *	249,600 *
155	41.0	121.2	232,600 *	229,500 *
160	38.4	115.0	213,000 *	210,200 *
165	35.6	108.2	194,100 *	
170	32.6	100.6	175,700 *	
175	29.4	91.9	157,500 *	



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

1,395,100 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
200 ft. Boom				
55	81.0	205.6	889,600 *b	872,500 *b
60	79.6	204.6	868,400 *b	858,800 *b
65	78.1	203.6	808,500 *b	800,000 *b
70	76.6	202.4	755,200 *b	747,200 *
75	75.2	201.1	707,400 *b	700,000 *
80	73.7	199.6	664,400 *b	657,400 *
85	72.2	198.0	625,400 *b	618,800 *
90	70.6	196.2	590,000 *b	583,700 *
95	69.1	194.3	557,500 *	551,600 *
100	67.6	192.3	519,300	513,100
105	66.0	190.0	481,100	475,400
110	64.4	187.6	447,200	441,900
115	62.8	185.1	416,800	411,900
120	61.2	182.3	389,500	384,900
125	59.5	179.4	364,800	360,400
130	57.8	176.3	342,300	338,200
135	56.1	172.9	321,700	318,000
140	54.3	169.3	302,900	299,400
145	52.5	165.5	285,600	282,300
150	50.7	161.4	269,600	266,500
155	48.8	157.1	252,500 *	248,700 *
160	46.8	152.4	235,200 *	231,700 *
165	44.8	147.4	218,800 *	215,500 *
170	42.7	142.1	203,000 *	199,900 *
175	40.5	136.3	187,700 *	185,000 *
180	38.2	130.0	173,000 *	170,500 *
185	35.8	123.2	158,700 *	
190	33.2	115.7	144,600 *	
195	30.4	107.4	130,700 *	
200	27.4	98.1	116,700 *	

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
225 ft. Boom				
60	80.7	230.1	753,000 *c	734,900 *b
65	79.5	229.1	741,100 *b	723,700 *b
70	78.2	228.1	729,300 *b	712,700 *b
75	76.8	226.9	700,900 *b	693,300 *b
80	75.5	225.6	658,100 *b	651,000 *b
85	74.2	224.2	619,400 *b	612,600 *
90	72.9	222.7	584,100 *b	577,700 *
95	71.5	221.0	551,900 *b	543,400 *
100	70.2	219.2	514,300 *b	505,700 *
105	68.8	217.2	479,800 *b	471,700 *
110	67.4	215.2	446,700	441,000 *
115	66.0	212.9	416,300	411,100
120	64.6	210.6	389,000	384,100
125	63.2	208.1	364,200	359,600
130	61.8	205.4	341,700	337,400
135	60.3	202.5	321,100	317,100
140	58.8	199.5	302,200	298,400
145	57.3	196.3	284,900	281,300
150	55.8	192.9	268,900	265,500
155	54.2	189.3	254,000	250,800
160	52.6	185.5	240,200	236,300 *
165	51.0	181.5	225,700 *	221,900 *
170	49.3	177.2	211,700 *	208,200 *
175	47.6	172.7	198,300 *	195,000 *
180	45.8	167.8	185,500 *	182,400 *
185	44.0	162.7	173,100 *	170,200 *
190	42.1	157.2	161,100 *	158,400 *
195	40.1	151.3	149,500 *	147,000 *
200	38.1	145.0	138,200 *	135,800 *
205	35.9	138.2	127,100 *	
210	33.6	130.8	116,100 *	
215	31.2	122.8	105,200 *	
220	28.6	113.8	94,300 *	



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
1,395,100 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
250 ft. Boom				
65	80.5	254.6	642,400 *c	624,100 *b
70	79.4	253.6	633,000 *c	615,400 *b
75	78.2	252.6	623,600 *b	606,700 *b
80	77.0	251.4	614,300 *b	598,000 *b
85	75.8	250.2	596,700 *b	585,700 *b
90	74.6	248.8	552,400 *b	542,300 *b
95	73.4	247.3	513,500 *b	504,100 *
100	72.2	245.7	478,900 *b	470,200 *
105	71.0	244.0	447,900 *b	439,700 *
110	69.8	242.1	419,900 *b	412,200 *
115	68.6	240.2	394,400 *b	387,200 *
120	67.3	238.1	371,000 *b	364,300 *
125	66.1	235.9	349,400 *	343,100 *
130	64.8	233.5	329,500 *	323,500 *
135	63.5	231.0	311,000 *	305,300 *
140	62.2	228.4	293,600 *	288,300 *
145	60.9	225.6	277,400 *	272,300 *
150	59.6	222.7	262,100 *	257,300 *
155	58.3	219.6	247,600 *	243,100 *
160	56.9	216.4	233,900 *	229,700 *
165	55.5	212.9	220,900 *	216,900 *
170	54.1	209.3	208,500 *	204,700 *
175	52.6	205.5	196,700 *	193,100 *
180	51.2	201.5	185,300 *	181,900 *
185	49.7	197.3	174,400 *	171,200 *
190	48.1	192.8	163,900 *	160,900 *
195	46.6	188.1	153,800 *	150,900 *
200	45.0	183.2	144,000 *	141,200 *
205	43.3	177.9	134,400 *	131,900 *
210	41.6	172.3	125,100 *	122,700 *
215	39.8	166.4	116,000 *	113,800 *
220	37.9	160.0	107,100 *	105,100 *
225	36.0	153.2	98,400 *	
230	34.0	145.9	89,700 *	
235	31.8	138.0	81,100 *	
240	29.5	129.4	72,400 *	
245	27.1	119.9	63,700 *	

140 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
275 ft. Boom				
70	80.3	279.1	564,600 * b	560,300 * b
75	79.3	278.1	559,100 * b	555,500 *
80	78.2	277.1	553,600 * b	550,600 *
85	77.1	275.9	548,000 * b	540,000 *
90	76.1	274.7	510,700 * b	500,400 *
95	75.0	273.3	475,100 * b	465,600 *
100	73.9	271.9	443,600 * b	434,800 *
105	72.8	270.4	415,400 * b	407,200 *
110	71.7	268.7	390,000 *	382,300 *
115	70.6	266.9	366,900 *	359,600 *
120	69.5	265.1	345,900 *	339,100 *
125	68.4	263.1	326,500 *	320,000 *
130	67.3	261.0	308,500 *	302,400 *
135	66.1	258.8	291,800 *	286,100 *
140	65.0	256.4	276,300 *	270,800 *
145	63.8	254.0	261,700 *	256,500 *
150	62.6	251.4	248,000 *	243,100 *
155	61.4	248.7	235,100 *	230,400 *
160	60.2	245.8	222,800 *	218,400 *
165	59.0	242.8	211,200 *	207,000 *
170	57.8	239.7	200,200 *	196,100 *
175	56.6	236.4	189,600 *	185,800 *
180	55.3	232.9	179,600 *	175,900 *
185	54.0	229.3	169,900 *	166,400 *
190	52.7	225.5	160,600 *	157,300 *
195	51.4	221.5	151,600 *	148,500 *
200	50.0	217.4	143,000 *	140,000 *
205	48.6	213.0	134,600 *	131,800 *
210	47.2	208.4	126,500 *	123,800 *
215	45.8	203.5	118,700 *	116,100 *
220	44.3	198.4	111,000 *	108,600 *
225	42.7	193.1	103,500 *	101,200 *
230	41.2	187.4	96,200 *	94,000 *
235	39.5	181.4	89,000 *	86,900 *
240	37.8	175.0	81,900 *	80,000 *
245	36.1	168.2	74,900 *	
250	34.3	161.0	67,900 *	
255	32.3	153.2	61,000 *	
260	30.3	144.8	54,100 *	
265	28.1	135.7	47,100 *	



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

1,395,100 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
300 ft. Boom				
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	466,000 *b	452,800 *
90	77.3	300.4	466,000 *b	452,800 *
95	76.3	299.2	440,700 *b	431,100 *
100	75.3	297.9	411,300 *b	402,300 *
105	74.3	296.5	385,000 *b	376,600 *
110	73.3	295.0	361,400 *b	353,500 *
115	72.3	293.4	340,000 *b	332,600 *
120	71.3	291.7	320,400 *b	313,500 *
125	70.3	289.9	302,500 *	295,900 *
130	69.2	288.0	286,000 *	279,700 *
135	68.2	286.0	270,600 *	264,700 *
140	67.2	283.9	256,400 *	250,700 *
145	66.1	281.7	243,000 *	237,700 *
150	65.1	279.4	230,500 *	225,400 *
155	64.0	276.9	218,700 *	213,900 *
160	63.0	274.4	207,600 *	202,900 *
165	61.9	271.7	197,000 *	192,600 *
170	60.8	268.9	187,000 *	182,800 *
175	59.7	266.0	177,500 *	173,400 *
180	58.5	263.0	168,300 *	164,500 *
185	57.4	259.8	159,600 *	155,900 *
190	56.3	256.4	151,200 *	147,700 *
195	55.1	253.0	143,200 *	139,800 *

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
300 ft. Boom				
200	53.9	249.3	135,400 *	132,200 *
205	52.7	245.5	128,000 *	124,900 *
210	51.5	241.6	120,700 *	117,800 *
215	50.3	237.4	113,700 *	110,900 *
220	49.0	233.1	106,900 *	104,200 *
225	47.7	228.6	100,300 *	97,700 *
230	46.4	223.8	93,800 *	91,400 *
235	45.1	218.9	87,500 *	85,200 *
240	43.7	213.7	81,300 *	79,100 *
245	42.3	208.2	75,300 *	73,200 *
250	40.8	202.5	69,400 *	67,400 *
255	39.3	196.4	63,500 *	61,600 *
260	37.8	190.0	57,700 *	55,900 *
265	36.2	183.3	52,000 *	
270	34.5	176.1	46,300 *	
275	32.7	168.4	40,600 *	
280	30.9	160.2	34,900 *	



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

1,395,100 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
325 ft. Boom				
75	80.9	328.9	376,800 *b	363,000 *b
80	80.0	328.1	376,800 *b	363,000 *b
85	79.1	327.1	376,800 *b	363,000 *b
90	78.2	326.1	376,800 *b	363,000 *b
95	77.3	324.9	376,800 *b	363,000 *b
100	76.4	323.7	376,800 *b	363,000 *
105	75.5	322.4	357,600 *b	349,100 *
110	74.6	321.1	335,300 *b	327,300 *
115	73.7	319.6	315,300 *b	307,800 *
120	72.8	318.0	297,000 *b	289,900 *
125	71.8	316.4	280,200 *b	273,400 *
130	70.9	314.7	264,700 *b	258,300 *
135	70.0	312.9	250,400 *b	244,300 *
140	69.0	310.9	237,100 *	231,300 *
145	68.1	308.9	224,700 *	219,200 *
150	67.1	306.8	213,100 *	207,800 *
155	66.2	304.6	202,100 *	197,100 *
160	65.2	302.3	191,900 *	187,100 *
165	64.2	299.9	182,100 *	177,600 *
170	63.2	297.4	172,900 *	168,500 *
175	62.2	294.7	164,100 *	159,900 *
180	61.2	292.0	155,800 *	151,700 *
185	60.2	289.1	147,800 *	143,900 *
190	59.2	286.2	140,100 *	136,400 *
195	58.1	283.1	132,800 *	129,200 *

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
325 ft. Boom				
200	57.1	279.8	125,700 *	122,300 *
205	56.0	276.5	118,900 *	115,700 *
210	55.0	273.0	112,400 *	109,200 *
215	53.9	269.3	106,000 *	103,000 *
220	52.8	265.5	99,900 *	97,000 *
225	51.6	261.6	93,900 *	91,100 *
230	50.5	257.5	88,100 *	85,400 *
235	49.3	253.2	82,500 *	79,900 *
240	48.2	248.7	77,000 *	74,500 *
245	47.0	244.1	71,600 *	69,300 *
250	45.7	239.2	66,400 *	64,100 *
255	44.5	234.2	61,200 *	59,000 *
260	43.2	228.9	56,100 *	54,100 *
265	41.9	223.3	51,200 *	49,200 *
270	40.5	217.5	46,300 *	44,400 *
275	39.1	211.4	41,400 *	39,600 *
280	37.7	205.0	36,600 *	34,900 *
285	36.2	198.3	31,900 *	30,300 *



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

1,395,100 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
350 ft. Boom				
80	80.8	353.5	309,500 *c	295,400 *b
85	79.9	352.6	309,500 *c	295,400 *b
90	79.1	351.6	309,500 *b	295,400 *b
95	78.3	350.6	309,500 *b	295,400 *b
100	77.4	349.4	309,500 *b	295,400 *b
105	76.6	348.2	309,500 *b	295,400 *b
110	75.7	347.0	309,500 *b	295,400 *b
115	74.9	345.6	292,100 *b	284,500 *
120	74.0	344.2	274,700 *b	267,500 *
125	73.2	342.7	258,700 *b	251,900 *
130	72.3	341.1	244,100 *b	237,600 *
135	71.5	339.4	230,500 *b	224,400 *
140	70.6	337.6	218,000 *b	212,100 *
145	69.7	335.8	206,300 *b	200,700 *
150	68.8	333.9	195,400 *b	190,100 *
155	68.0	331.8	185,200 *	180,000 *
160	67.1	329.7	175,500 *	170,600 *
165	66.2	327.5	166,500 *	161,700 *
170	65.3	325.2	157,900 *	153,300 *
175	64.4	322.8	149,700 *	145,300 *
180	63.5	320.3	142,000 *	137,800 *
185	62.5	317.7	134,600 *	130,600 *
190	61.6	315.0	127,500 *	123,600 *
195	60.7	312.2	120,700 *	117,000 *
200	59.7	309.3	114,200 *	110,600 *

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
350 ft. Boom				
205	58.8	306.3	107,900 *	104,500 *
210	57.8	303.1	101,900 *	98,600 *
215	56.8	299.9	96,100 *	92,900 *
220	55.8	296.5	90,400 *	87,300 *
225	54.8	293.0	85,000 *	82,000 *
230	53.8	289.3	79,700 *	76,800 *
235	52.8	285.5	74,600 *	71,800 *
240	51.7	281.6	69,600 *	66,900 *
245	50.7	277.5	64,700 *	62,200 *
250	49.6	273.3	60,000 *	57,500 *
255	48.5	268.9	55,300 *	53,000 *
260	47.4	264.3	50,800 *	48,500 *
265	46.3	259.5	46,400 *	44,200 *
270	45.1	254.6	42,000 *	39,900 *
275	44.0	249.4	37,700 *	35,700 *
280	42.8	244.1	33,500 *	31,600 *



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
1,395,100 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
125 ft. Boom				
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	952,300 *	941,400 *
60	73.1	127.3	882,800 *	872,800 *
65	70.7	125.5	821,400 *	812,200 *
70	68.2	123.5	766,800 *	758,200 *
75	65.7	121.3	717,700 *	709,800 *
80	63.2	118.8	673,500 *	666,200 *
85	60.5	115.9	633,500 *	626,700 *
90	57.8	112.8	576,100 *	566,300 *
95	55.0	109.3	516,400 *	507,600 *
100	52.2	105.5	463,500 *	455,700 *
105	49.1	101.2	416,100 *	409,200 *
110	46.0	96.4	373,200 *	367,100 *
115	42.6	91.1	333,900 *	328,600 *
120	39.0	85.0	297,400 *	292,800 *
125	35.1	78.1	263,000 *	
130	30.7	70.0	230,000 *	
150 ft. Boom				
50	79.9	155.6	1,023,800 *b	1,011,800 *
55	78.0	154.6	945,400 *b	934,300 *
60	76.0	153.3	876,600 *b	866,400 *
65	74.0	151.9	815,900 *	806,300 *
70	72.0	150.3	761,700 *	752,900 *
75	70.0	148.5	713,200 *	705,000 *
80	67.9	146.4	669,500 *	661,800 *
85	65.9	144.2	629,900 *	622,700 *
90	63.7	141.7	593,900 *	587,200 *
95	61.6	139.0	554,700 *	547,600 *
100	59.3	136.1	511,600	505,100
105	57.1	132.9	473,500	467,600
110	54.7	129.3	439,300 *	432,100 *
115	52.3	125.5	401,000 *	394,500 *
120	49.8	121.3	366,100 *	360,100 *
125	47.2	116.7	333,800 *	328,400 *
130	44.5	111.7	303,900 *	299,000 *
135	41.7	106.2	275,900 *	271,600 *
140	38.7	100.0	249,400 *	245,600 *
145	35.4	93.2	224,100 *	
150	31.9	85.3	199,700 *	
155	27.9	76.3	175,500 *	

160 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
175 ft. Boom				
55	79.7	180.1	937,800 *b	926,600 *
60	78.1	179.1	869,600 *b	859,100 *
65	76.4	177.9	809,200 *b	799,500 *
70	74.7	176.5	755,500 *b	746,500 *
75	73.0	175.0	707,400 *	698,900 *
80	71.2	173.3	664,100 *	656,100 *
85	69.5	171.4	624,800 *	617,300 *
90	67.7	169.3	589,000 *	582,000 *
95	65.9	167.1	556,200	548,600
100	64.1	164.7	513,000	506,100
105	62.3	162.1	474,900	468,500
110	60.4	159.2	441,000	435,100
115	58.5	156.2	410,700	405,300
120	56.5	152.9	383,400	378,400
125	54.5	149.3	358,700	354,100
130	52.4	145.5	336,300	332,000
135	50.3	141.4	313,000 *	307,700 *
140	48.1	136.9	288,900 *	284,000 *
145	45.9	132.1	266,200 *	261,800 *
150	43.5	126.9	244,800 *	240,700 *
155	41.0	121.2	224,400 *	220,700 *
160	38.4	115.0	204,800 *	201,500 *
165	35.6	108.2	186,000 *	
170	32.6	100.6	167,600 *	
175	29.4	91.9	149,400 *	



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

1,395,100 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
200 ft. Boom				
55	81.0	205.6	883,100 *b	863,700 *
60	79.6	204.6	862,300 *b	850,700 *
65	78.1	203.6	802,300 *b	792,100 *
70	76.6	202.4	749,000 *b	739,400 *
75	75.2	201.1	701,200 *b	692,200 *
80	73.7	199.6	658,100 *	649,700 *
85	72.2	198.0	619,100 *	611,200 *
90	70.6	196.2	583,600 *	576,200 *
95	69.1	194.3	551,200 *	544,200 *
100	67.6	192.3	513,100	505,800
105	66.0	190.0	475,000	468,300
110	64.4	187.6	441,100	434,900
115	62.8	185.1	410,800	405,000
120	61.2	182.3	383,500	378,100
125	59.5	179.4	358,800	353,800
130	57.8	176.3	336,400	331,700
135	56.1	172.9	315,900	311,500
140	54.3	169.3	297,100	293,000
145	52.5	165.5	279,800	276,000
150	50.7	161.4	263,000 *	258,300 *
155	48.8	157.1	244,900 *	240,400 *
160	46.8	152.4	227,600 *	223,500 *
165	44.8	147.4	211,200 *	207,400 *
170	42.7	142.1	195,400 *	191,900 *
175	40.5	136.3	180,200 *	177,000 *
180	38.2	130.0	165,500 *	162,600 *
185	35.8	123.2	151,200 *	
190	33.2	115.7	137,200 *	
195	30.4	107.4	123,300 *	
200	27.4	98.1	109,400 *	

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
225 ft. Boom				
60	80.7	230.1	746,900 *b	726,700 *b
65	79.5	229.1	734,900 *b	715,500 *
70	78.2	228.1	723,000 *b	704,300 *
75	76.8	226.9	695,000 *b	686,100 *
80	75.5	225.6	652,200 *b	643,800 *
85	74.2	224.2	613,400 *b	605,500 *
90	72.9	222.7	578,100 *b	570,700 *
95	71.5	221.0	544,800 *	533,900 *
100	70.2	219.2	506,500 *	496,400 *
105	68.8	217.2	472,000 *	462,600 *
110	67.4	215.2	440,800 *	432,100 *
115	66.0	212.9	410,700	404,200 *
120	64.6	210.6	383,300	377,700
125	63.2	208.1	358,600	353,300
130	61.8	205.4	336,100	331,100
135	60.3	202.5	315,600	310,900
140	58.8	199.5	296,800	292,300
145	57.3	196.3	279,500	275,300
150	55.8	192.9	263,500	259,400 *
155	54.2	189.3	248,500 *	243,500 *
160	52.6	185.5	233,100 *	228,500 *
165	51.0	181.5	218,500 *	214,200 *
170	49.3	177.2	204,600 *	200,500 *
175	47.6	172.7	191,300 *	187,400 *
180	45.8	167.8	178,500 *	174,800 *
185	44.0	162.7	166,100 *	162,700 *
190	42.1	157.2	154,200 *	151,000 *
195	40.1	151.3	142,600 *	139,600 *
200	38.1	145.0	131,200 *	128,600 *
205	35.9	138.2	120,200 *	
210	33.6	130.8	109,200 *	
215	31.2	122.8	98,400 *	
220	28.6	113.8	87,500 *	



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
1,395,100 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
250 ft. Boom				
65	80.5	254.6	636,600 *b	616,200 *b
70	79.4	253.6	627,000 *b	607,400 *b
75	78.2	252.6	617,600 *b	598,700 *
80	77.0	251.4	608,200 *b	589,900 *
85	75.8	250.2	588,800 *b	575,800 *
90	74.6	248.8	544,600 *b	532,700 *
95	73.4	247.3	505,800 *b	494,800 *
100	72.2	245.7	471,300 *b	461,100 *
105	71.0	244.0	440,400 *b	430,900 *
110	69.8	242.1	412,500 *b	403,500 *
115	68.6	240.2	387,000 *	378,700 *
120	67.3	238.1	363,700 *	355,900 *
125	66.1	235.9	342,200 *	334,900 *
130	64.8	233.5	322,400 *	315,400 *
135	63.5	231.0	303,900 *	297,300 *
140	62.2	228.4	286,600 *	280,400 *
145	60.9	225.6	270,400 *	264,500 *
150	59.6	222.7	255,100 *	249,600 *
155	58.3	219.6	240,700 *	235,500 *
160	56.9	216.4	227,100 *	222,100 *
165	55.5	212.9	214,100 *	209,400 *
170	54.1	209.3	201,700 *	197,300 *
175	52.6	205.5	189,900 *	185,700 *
180	51.2	201.5	178,600 *	174,600 *
185	49.7	197.3	167,700 *	164,000 *
190	48.1	192.8	157,300 *	153,700 *
195	46.6	188.1	147,100 *	143,800 *
200	45.0	183.2	137,300 *	134,200 *
205	43.3	177.9	127,800 *	124,900 *
210	41.6	172.3	118,600 *	115,800 *
215	39.8	166.4	109,500 *	106,900 *
220	37.9	160.0	100,600 *	98,200 *
225	36.0	153.2	91,900 *	
230	34.0	145.9	83,200 *	
235	31.8	138.0	74,600 *	
240	29.5	129.4	66,000 *	
245	27.1	119.9	57,300 *	

160 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
275 ft. Boom				
70	80.3	279.1	563,900 *b	552,900 *
75	79.3	278.1	558,700 *b	552,900 *
80	78.2	277.1	553,400 *b	550,800 *
85	77.1	275.9	543,400 *b	530,400 *
90	76.1	274.7	503,000 *b	491,100 *
95	75.0	273.3	467,600 *	456,600 *
100	73.9	271.9	436,200 *	425,900 *
105	72.8	270.4	408,100 *	398,500 *
110	71.7	268.7	382,800 *	373,800 *
115	70.6	266.9	359,800 *	351,400 *
120	69.5	265.1	338,900 *	331,000 *
125	68.4	263.1	319,500 *	312,000 *
130	67.3	261.0	301,600 *	294,500 *
135	66.1	258.8	285,000 *	278,300 *
140	65.0	256.4	269,500 *	263,100 *
145	63.8	254.0	254,900 *	248,900 *
150	62.6	251.4	241,300 *	235,600 *
155	61.4	248.7	228,400 *	223,000 *
160	60.2	245.8	216,200 *	211,000 *
165	59.0	242.8	204,600 *	199,700 *
170	57.8	239.7	193,600 *	189,000 *
175	56.6	236.4	183,100 *	178,700 *
180	55.3	232.9	173,000 *	168,800 *
185	54.0	229.3	163,400 *	159,400 *
190	52.7	225.5	154,100 *	150,300 *
195	51.4	221.5	145,200 *	141,600 *
200	50.0	217.4	136,600 *	133,200 *
205	48.6	213.0	128,300 *	125,000 *
210	47.2	208.4	120,200 *	117,100 *
215	45.8	203.5	112,400 *	109,400 *
220	44.3	198.4	104,700 *	101,900 *
225	42.7	193.1	97,200 *	94,600 *
230	41.2	187.4	89,900 *	87,500 *
235	39.5	181.4	82,800 *	80,400 *
240	37.8	175.0	75,700 *	73,500 *
245	36.1	168.2	68,700 *	
250	34.3	161.0	61,800 *	
255	32.3	153.2	54,900 *	
260	30.3	144.8	48,000 *	
265	28.1	135.7	41,000 *	



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

1,395,100 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
300 ft. Boom				
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	458,200 *b	443,900 *
90	77.3	300.4	458,200 *b	443,900 *
95	76.3	299.2	433,200 *b	422,200 *
100	75.3	297.9	404,100 *	393,700 *
105	74.3	296.5	378,000 *	368,200 *
110	73.3	295.0	354,400 *	345,200 *
115	72.3	293.4	333,100 *	324,500 *
120	71.3	291.7	313,600 *	305,500 *
125	70.3	289.9	295,800 *	288,100 *
130	69.2	288.0	279,300 *	272,000 *
135	68.2	286.0	264,000 *	257,100 *
140	67.2	283.9	249,800 *	243,200 *
145	66.1	281.7	236,500 *	230,300 *
150	65.1	279.4	224,000 *	218,100 *
155	64.0	276.9	212,300 *	206,600 *
160	63.0	274.4	201,200 *	195,800 *
165	61.9	271.7	190,700 *	185,500 *
170	60.8	268.9	180,700 *	175,800 *
175	59.7	266.0	171,200 *	166,500 *
180	58.5	263.0	162,100 *	157,600 *
185	57.4	259.8	153,400 *	149,100 *
190	56.3	256.4	145,000 *	141,000 *
195	55.1	253.0	137,000 *	133,100 *

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
300 ft. Boom				
200	53.9	249.3	129,300 *	125,600 *
205	52.7	245.5	121,800 *	118,300 *
210	51.5	241.6	114,600 *	111,200 *
215	50.3	237.4	107,600 *	104,400 *
220	49.0	233.1	100,800 *	97,700 *
225	47.7	228.6	94,200 *	91,300 *
230	46.4	223.8	87,800 *	85,000 *
235	45.1	218.9	81,500 *	78,800 *
240	43.7	213.7	75,400 *	72,800 *
245	42.3	208.2	69,300 *	66,900 *
250	40.8	202.5	63,400 *	61,100 *
255	39.3	196.4	57,600 *	55,400 *
260	37.8	190.0	51,800 *	49,800 *
265	36.2	183.3	46,100 *	
270	34.5	176.1	40,400 *	
275	32.7	168.4	34,800 *	



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
1,395,100 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
325 ft. Boom				
75	80.9	328.9	370,000 *b	355,000 *
80	80.0	328.1	370,000 *b	355,000 *
85	79.1	327.1	370,000 *b	355,000 *
90	78.2	326.1	370,000 *b	355,000 *
95	77.3	324.9	370,000 *b	355,000 *
100	76.4	323.7	370,000 *b	355,000 *
105	75.5	322.4	350,800 *b	340,900 *
110	74.6	321.1	328,600 *b	319,300 *
115	73.7	319.6	308,700 *	299,900 *
120	72.8	318.0	290,400 *	282,100 *
125	71.8	316.4	273,700 *	265,800 *
130	70.9	314.7	258,300 *	250,800 *
135	70.0	312.9	244,000 *	237,000 *
140	69.0	310.9	230,800 *	224,100 *
145	68.1	308.9	218,400 *	212,000 *
150	67.1	306.8	206,800 *	200,700 *
155	66.2	304.6	196,000 *	190,100 *
160	65.2	302.3	185,700 *	180,100 *
165	64.2	299.9	176,000 *	170,700 *
170	63.2	297.4	166,800 *	161,700 *
175	62.2	294.7	158,100 *	153,200 *
180	61.2	292.0	149,700 *	145,100 *
185	60.2	289.1	141,800 *	137,300 *
190	59.2	286.2	134,200 *	129,900 *
195	58.1	283.1	126,800 *	122,700 *

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
325 ft. Boom				
200	57.1	279.8	119,800 *	115,800 *
205	56.0	276.5	113,000 *	109,200 *
210	55.0	273.0	106,500 *	102,800 *
215	53.9	269.3	100,200 *	96,700 *
220	52.8	265.5	94,000 *	90,700 *
225	51.6	261.6	88,100 *	84,900 *
230	50.5	257.5	82,300 *	79,200 *
235	49.3	253.2	76,700 *	73,700 *
240	48.2	248.7	71,200 *	68,400 *
245	47.0	244.1	65,900 *	63,100 *
250	45.7	239.2	60,600 *	58,000 *
255	44.5	234.2	55,500 *	53,000 *
260	43.2	228.9	50,400 *	48,100 *
265	41.9	223.3	45,500 *	43,200 *
270	40.5	217.5	40,600 *	38,500 *
275	39.1	211.4	35,800 *	33,700 *
280	37.7	205.0	31,000 *	



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
1,395,100 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
350 ft. Boom				
80	80.8	353.5	303,500 *b	288,200 *b
85	79.9	352.6	303,500 *b	288,200 *
90	79.1	351.6	303,500 *b	288,200 *
95	78.3	350.6	303,500 *b	288,200 *
100	77.4	349.4	303,500 *b	288,200 *
105	76.6	348.2	303,500 *b	288,200 *
110	75.7	347.0	303,500 *b	288,200 *
115	74.9	345.6	285,800 *b	276,900 *
120	74.0	344.2	268,400 *b	260,000 *
125	73.2	342.7	252,500 *b	244,500 *
130	72.3	341.1	237,900 *	230,300 *
135	71.5	339.4	224,400 *	217,200 *
140	70.6	337.6	211,900 *	205,100 *
145	69.7	335.8	200,300 *	193,800 *
150	68.8	333.9	189,400 *	183,200 *
155	68.0	331.8	179,200 *	173,300 *
160	67.1	329.7	169,600 *	163,900 *
165	66.2	327.5	160,600 *	155,100 *
170	65.3	325.2	152,000 *	146,700 *
175	64.4	322.8	143,900 *	138,800 *
180	63.5	320.3	136,200 *	131,300 *
185	62.5	317.7	128,800 *	124,100 *
190	61.6	315.0	121,700 *	117,200 *
195	60.7	312.2	114,900 *	110,600 *
200	59.7	309.3	108,500 *	104,300 *

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
350 ft. Boom				
205	58.8	306.3	102,200 *	98,200 *
210	57.8	303.1	96,200 *	92,400 *
215	56.8	299.9	90,400 *	86,700 *
220	55.8	296.5	84,800 *	81,200 *
225	54.8	293.0	79,400 *	75,900 *
230	53.8	289.3	74,100 *	70,800 *
235	52.8	285.5	69,000 *	65,800 *
240	51.7	281.6	64,000 *	60,900 *
245	50.7	277.5	59,200 *	56,200 *
250	49.6	273.3	54,400 *	51,600 *
255	48.5	268.9	49,800 *	47,100 *
260	47.4	264.3	45,300 *	42,700 *
265	46.3	259.5	40,900 *	38,300 *
270	45.1	254.6	36,500 *	34,100 *
275	44.0	249.4	32,200 *	



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
1,395,100 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
125 ft. Boom				
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	943,700 *	931,200 *
60	73.1	127.3	874,100 *	862,600 *
65	70.7	125.5	812,600 *	801,900 *
70	68.2	123.5	757,800 *	747,900 *
75	65.7	121.3	708,600 *	699,600 *
80	63.2	118.8	664,400 *	656,000 *
85	60.5	115.9	624,200 *	616,500 *
90	57.8	112.8	563,300 *	552,000 *
95	55.0	109.3	503,700 *	493,700 *
100	52.2	105.5	450,900 *	442,000 *
105	49.1	101.2	403,700 *	395,800 *
110	46.0	96.4	360,900 *	353,900 *
115	42.6	91.1	321,700 *	315,600 *
120	39.0	85.0	285,300 *	280,100 *
125	35.1	78.1	251,000 *	
130	30.7	70.0	218,000 *	
150 ft. Boom				
50	79.9	155.6	1,015,800 *b	1,001,900 *
55	78.0	154.6	937,200 *	924,400 *
60	76.0	153.3	868,300 *	856,500 *
65	74.0	151.9	807,500 *	796,500 *
70	72.0	150.3	753,300 *	743,100 *
75	70.0	148.5	704,700 *	695,200 *
80	67.9	146.4	661,000 *	652,100 *
85	65.9	144.2	621,300 *	613,100 *
90	63.7	141.7	585,200 *	577,500 *
95	61.6	139.0	546,000	537,900
100	59.3	136.1	503,000	495,600
105	57.1	132.9	465,000	458,300
110	54.7	129.3	428,000 *	419,700 *
115	52.3	125.5	389,800 *	382,300 *
120	49.8	121.3	354,900 *	348,100 *
125	47.2	116.7	322,800 *	316,700 *
130	44.5	111.7	292,900 *	287,500 *
135	41.7	106.2	265,000 *	260,100 *
140	38.7	100.0	238,600 *	234,300 *
145	35.4	93.2	213,400 *	
150	31.9	85.3	189,000 *	
155	27.9	76.3	164,900 *	

180 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
175 ft. Boom				
55	79.7	180.1	930,000 *b	917,000 *
60	78.1	179.1	861,700 *	849,600 *
65	76.4	177.9	801,300 *	790,100 *
70	74.7	176.5	747,500 *	737,100 *
75	73.0	175.0	699,400 *	689,600 *
80	71.2	173.3	656,000 *	646,800 *
85	69.5	171.4	616,600 *	608,000 *
90	67.7	169.3	580,800 *	572,800 *
95	65.9	167.1	548,100 *	539,500
100	64.1	164.7	505,000	497,100
105	62.3	162.1	467,000	459,700
110	60.4	159.2	433,200	426,500
115	58.5	156.2	403,000	396,700
120	56.5	152.9	375,700	370,000
125	54.5	149.3	351,100	345,800
130	52.4	145.5	328,600 *	322,100 *
135	50.3	141.4	302,900 *	296,900 *
140	48.1	136.9	278,900 *	273,300 *
145	45.9	132.1	256,200 *	251,200 *
150	43.5	126.9	234,900 *	230,300 *
155	41.0	121.2	214,500 *	210,400 *
160	38.4	115.0	195,100 *	191,400 *
165	35.6	108.2	176,300 *	
170	32.6	100.6	157,900 *	
175	29.4	91.9	139,800 *	



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

1,395,100 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
200 ft. Boom				
55	81.0	205.6	875,000 *b	853,300 *
60	79.6	204.6	854,700 *b	840,700 *
65	78.1	203.6	794,700 *b	783,000 *
70	76.6	202.4	741,300 *	730,400 *
75	75.2	201.1	693,500 *	683,300 *
80	73.7	199.6	650,400 *	640,800 *
85	72.2	198.0	611,400 *	602,300 *
90	70.6	196.2	575,900 *	567,400 *
95	69.1	194.3	543,400 *	535,400 *
100	67.6	192.3	505,600	497,300
105	66.0	190.0	467,600	459,900
110	64.4	187.6	433,800	426,600
115	62.8	185.1	403,500	396,900
120	61.2	182.3	376,300	370,100
125	59.5	179.4	351,700	345,900
130	57.8	176.3	329,300	323,900
135	56.1	172.9	308,800	303,800
140	54.3	169.3	290,100	285,400
145	52.5	165.5	272,800	267,100 *
150	50.7	161.4	253,700 *	248,300 *
155	48.8	157.1	235,600 *	230,600 *
160	46.8	152.4	218,400 *	213,800 *
165	44.8	147.4	202,000 *	197,700 *
170	42.7	142.1	186,300 *	182,400 *
175	40.5	136.3	171,200 *	167,600 *
180	38.2	130.0	156,500 *	153,200 *
185	35.8	123.2	142,300 *	
190	33.2	115.7	128,300 *	
195	30.4	107.4	114,400 *	
200	27.4	98.1	100,500 *	

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
225 ft. Boom				
60	80.7	230.1	739,100 * b	716,500 *
65	79.5	229.1	726,900 * b	705,300 *
70	78.2	228.1	714,900 * b	694,000 *
75	76.8	226.9	687,700 *	677,500 *
80	75.5	225.6	644,900 *	635,200 *
85	74.2	224.2	606,100 *	597,000 *
90	72.9	222.7	570,800 *	562,200 *
95	71.5	221.0	535,300 *	522,700 *
100	70.2	219.2	497,000 *	485,400 *
105	68.8	217.2	462,700 *	451,900 *
110	67.4	215.2	431,600 *	421,500 *
115	66.0	212.9	403,200 *	393,800 *
120	64.6	210.6	376,600	368,500 *
125	63.2	208.1	351,900	345,100 *
130	61.8	205.4	329,500	323,400 *
135	60.3	202.5	309,000	303,200 *
140	58.8	199.5	290,200	284,300 *
145	57.3	196.3	272,900	266,600 *
150	55.8	192.9	255,900 *	249,900 *
155	54.2	189.3	239,800 *	234,100 *
160	52.6	185.5	224,500 *	219,200 *
165	51.0	181.5	209,900 *	204,900 *
170	49.3	177.2	196,000 *	191,300 *
175	47.6	172.7	182,700 *	178,300 *
180	45.8	167.8	169,900 *	165,800 *
185	44.0	162.7	157,600 *	153,800 *
190	42.1	157.2	145,700 *	142,200 *
195	40.1	151.3	134,100 *	130,900 *
200	38.1	145.0	122,900 *	119,800 *
205	35.9	138.2	111,800 *	
210	33.6	130.8	100,900 *	
215	31.2	122.8	90,100 *	
220	28.6	113.8	79,200 *	



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
1,395,100 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
250 ft. Boom				
65	80.5	254.6	629,000 *b	606,300 *
70	79.4	253.6	619,400 *b	597,500 *
75	78.2	252.6	609,800 *b	588,700 *
80	77.0	251.4	600,200 *b	580,000 *
85	75.8	250.2	579,200 *b	564,300 *
90	74.6	248.8	535,200 *	521,500 *
95	73.4	247.3	496,600 *	483,800 *
100	72.2	245.7	462,200 *	450,400 *
105	71.0	244.0	431,400 *	420,400 *
110	69.8	242.1	403,500 *	393,300 *
115	68.6	240.2	378,200 *	368,600 *
120	67.3	238.1	354,900 *	345,900 *
125	66.1	235.9	333,500 *	325,100 *
130	64.8	233.5	313,700 *	305,700 *
135	63.5	231.0	295,300 *	287,800 *
140	62.2	228.4	278,100 *	271,000 *
145	60.9	225.6	261,900 *	255,200 *
150	59.6	222.7	246,700 *	240,400 *
155	58.3	219.6	232,300 *	226,300 *
160	56.9	216.4	218,700 *	213,100 *
165	55.5	212.9	205,800 *	200,400 *
170	54.1	209.3	193,500 *	188,400 *
175	52.6	205.5	181,700 *	176,900 *
180	51.2	201.5	170,400 *	165,900 *
185	49.7	197.3	159,600 *	155,300 *
190	48.1	192.8	149,100 *	145,100 *
195	46.6	188.1	139,000 *	135,300 *
200	45.0	183.2	129,300 *	125,700 *
205	43.3	177.9	119,800 *	116,500 *
210	41.6	172.3	110,500 *	107,400 *
215	39.8	166.4	101,500 *	98,600 *
220	37.9	160.0	92,700 *	90,000 *
225	36.0	153.2	84,000 *	
230	34.0	145.9	75,300 *	
235	31.8	138.0	66,800 *	
240	29.5	129.4	58,200 *	
245	27.1	119.9	49,500 *	

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
275 ft. Boom				
70	80.3	279.1	557,700 * b	542,000 *
75	79.3	278.1	557,100 *	542,000 *
80	78.2	277.1	552,100 *	542,000 *
85	77.1	275.9	534,000 *	519,000 *
90	76.1	274.7	493,800 *	480,000 *
95	75.0	273.3	458,500 *	445,800 *
100	73.9	271.9	427,200 *	415,400 *
105	72.8	270.4	399,300 *	388,200 *
110	71.7	268.7	374,000 *	363,700 *
115	70.6	266.9	351,100 *	341,400 *
120	69.5	265.1	330,300 *	321,200 *
125	68.4	263.1	311,000 *	302,400 *
130	67.3	261.0	293,200 *	285,100 *
135	66.1	258.8	276,600 *	269,000 *
140	65.0	256.4	261,200 *	253,900 *
145	63.8	254.0	246,700 *	239,800 *
150	62.6	251.4	233,100 *	226,600 *
155	61.4	248.7	220,200 *	214,100 *
160	60.2	245.8	208,100 *	202,200 *
165	59.0	242.8	196,600 *	191,000 *
170	57.8	239.7	185,600 *	180,300 *
175	56.6	236.4	175,100 *	170,100 *
180	55.3	232.9	165,100 *	160,300 *
185	54.0	229.3	155,500 *	151,000 *
190	52.7	225.5	146,300 *	142,000 *
195	51.4	221.5	137,400 *	133,300 *
200	50.0	217.4	128,800 *	124,900 *
205	48.6	213.0	120,500 *	116,800 *
210	47.2	208.4	112,500 *	109,000 *
215	45.8	203.5	104,600 *	101,300 *
220	44.3	198.4	97,000 *	93,900 *
225	42.7	193.1	89,600 *	86,600 *
230	41.2	187.4	82,300 *	79,500 *
235	39.5	181.4	75,100 *	72,600 *
240	37.8	175.0	68,100 *	65,700 *
245	36.1	168.2	61,100 *	
250	34.3	161.0	54,200 *	
255	32.3	153.2	47,400 *	
260	30.3	144.8	40,500 *	
265	28.1	135.7	33,500 *	



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
1,395,100 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
300 ft. Boom				
75	80.2	303.6	449,500 *b	434,000 *
80	79.2	302.6	449,500 *b	434,000 *
85	78.2	301.6	449,500 *	434,000 *
90	77.3	300.4	449,500 *	434,000 *
95	76.3	299.2	424,700 *	411,700 *
100	75.3	297.9	395,500 *	383,400 *
105	74.3	296.5	369,400 *	358,100 *
110	73.3	295.0	346,000 *	335,400 *
115	72.3	293.4	324,700 *	314,800 *
120	71.3	291.7	305,400 *	296,000 *
125	70.3	289.9	287,600 *	278,700 *
130	69.2	288.0	271,200 *	262,800 *
135	68.2	286.0	255,900 *	248,000 *
140	67.2	283.9	241,800 *	234,300 *
145	66.1	281.7	228,500 *	221,400 *
150	65.1	279.4	216,100 *	209,300 *
155	64.0	276.9	204,400 *	198,000 *
160	63.0	274.4	193,400 *	187,200 *
165	61.9	271.7	182,900 *	177,000 *
170	60.8	268.9	172,900 *	167,300 *
175	59.7	266.0	163,500 *	158,100 *
180	58.5	263.0	154,400 *	149,300 *
185	57.4	259.8	145,700 *	140,900 *
190	56.3	256.4	137,400 *	132,800 *
195	55.1	253.0	129,400 *	125,000 *
200	53.9	249.3	121,700 *	117,500 *
205	52.7	245.5	114,300 *	110,300 *
210	51.5	241.6	107,100 *	103,300 *
215	50.3	237.4	100,200 *	96,500 *
220	49.0	233.1	93,400 *	89,900 *
225	47.7	228.6	86,800 *	83,500 *
230	46.4	223.8	80,400 *	77,200 *
235	45.1	218.9	74,100 *	71,100 *
240	43.7	213.7	68,000 *	65,200 *
245	42.3	208.2	62,000 *	59,300 *
250	40.8	202.5	56,100 *	53,600 *
255	39.3	196.4	50,300 *	47,900 *
260	37.8	190.0	44,500 *	42,300 *
265	36.2	183.3	38,900 *	
270	34.5	176.1	33,200 *	

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
325 ft. Boom				
75	80.9	328.9	362,100 *b	345,900 *
80	80.0	328.1	362,100 *b	345,900 *
85	79.1	327.1	362,100 *b	345,900 *
90	78.2	326.1	362,100 *b	345,900 *
95	77.3	324.9	362,100 *b	345,900 *
100	76.4	323.7	362,100 *	345,900 *
105	75.5	322.4	342,600 *	331,100 *
110	74.6	321.1	320,500 *	309,700 *
115	73.7	319.6	300,600 *	290,500 *
120	72.8	318.0	282,400 *	272,900 *
125	71.8	316.4	265,800 *	256,800 *
130	70.9	314.7	250,400 *	241,900 *
135	70.0	312.9	236,200 *	228,100 *
140	69.0	310.9	223,000 *	215,300 *
145	68.1	308.9	210,700 *	203,400 *
150	67.1	306.8	199,200 *	192,200 *
155	66.2	304.6	188,400 *	181,700 *
160	65.2	302.3	178,200 *	171,800 *
165	64.2	299.9	168,500 *	162,400 *
170	63.2	297.4	159,300 *	153,500 *
175	62.2	294.7	150,600 *	145,100 *
180	61.2	292.0	142,300 *	137,000 *
185	60.2	289.1	134,400 *	129,300 *
190	59.2	286.2	126,800 *	121,900 *
195	58.1	283.1	119,500 *	114,800 *
200	57.1	279.8	112,500 *	108,000 *
205	56.0	276.5	105,800 *	101,400 *
210	55.0	273.0	99,200 *	95,100 *
215	53.9	269.3	92,900 *	89,000 *
220	52.8	265.5	86,800 *	83,000 *
225	51.6	261.6	80,900 *	77,300 *
230	50.5	257.5	75,200 *	71,700 *
235	49.3	253.2	69,600 *	66,200 *
240	48.2	248.7	64,100 *	60,900 *
245	47.0	244.1	58,800 *	55,700 *
250	45.7	239.2	53,500 *	50,600 *
255	44.5	234.2	48,400 *	45,600 *
260	43.2	228.9	43,400 *	40,800 *
265	41.9	223.3	38,500 *	35,900 *
270	40.5	217.5	33,600 *	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

1,395,100 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
350 ft. Boom				
80	80.8	353.5	296,200 *b	279,700 *
85	79.9	352.6	296,200 *b	279,700 *
90	79.1	351.6	296,200 *b	279,700 *
95	78.3	350.6	296,200 *b	279,700 *
100	77.4	349.4	296,200 *b	279,700 *
105	76.6	348.2	296,200 *	279,700 *
110	75.7	347.0	296,200 *	279,700 *
115	74.9	345.6	278,000 *	267,700 *
120	74.0	344.2	260,700 *	251,000 *
125	73.2	342.7	244,900 *	235,700 *
130	72.3	341.1	230,300 *	221,600 *
135	71.5	339.4	216,900 *	208,600 *
140	70.6	337.6	204,500 *	196,600 *
145	69.7	335.8	192,900 *	185,400 *
150	68.8	333.9	182,000 *	174,900 *
155	68.0	331.8	171,900 *	165,000 *
160	67.1	329.7	162,300 *	155,800 *
165	66.2	327.5	153,300 *	147,000 *
170	65.3	325.2	144,800 *	138,700 *
175	64.4	322.8	136,700 *	130,900 *
180	63.5	320.3	129,000 *	123,500 *
185	62.5	317.7	121,600 *	116,300 *
190	61.6	315.0	114,600 *	109,500 *
195	60.7	312.2	107,900 *	103,000 *
200	59.7	309.3	101,400 *	96,700 *

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
350 ft. Boom				
205	58.8	306.3	95,200 *	90,600 *
210	57.8	303.1	89,200 *	84,800 *
215	56.8	299.9	83,400 *	79,200 *
220	55.8	296.5	77,800 *	73,800 *
225	54.8	293.0	72,400 *	68,500 *
230	53.8	289.3	67,100 *	63,400 *
235	52.8	285.5	62,100 *	58,500 *
240	51.7	281.6	57,100 *	53,600 *
245	50.7	277.5	52,300 *	48,900 *
250	49.6	273.3	47,600 *	44,400 *
255	48.5	268.9	43,000 *	39,900 *
260	47.4	264.3	38,400 *	35,500 *
265	46.3	259.5	34,000 *	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
1,395,100 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
125 ft. Boom				
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	936,800 *	922,400 *
60	73.1	127.3	867,000 *	853,700 *
65	70.7	125.5	805,200 *	793,000 *
70	68.2	123.5	750,300 *	739,000 *
75	65.7	121.3	701,000 *	690,600 *
80	63.2	118.8	656,600 *	646,900 *
85	60.5	115.9	616,300 *	605,400 *
90	57.8	112.8	551,900 *	538,900 *
95	55.0	109.3	492,400 *	480,800 *
100	52.2	105.5	439,700 *	429,400 *
105	49.1	101.2	392,500 *	383,300 *
110	46.0	96.4	349,700 *	341,700 *
115	42.6	91.1	310,600 *	303,500 *
120	39.0	85.0	274,200 *	268,200 *
125	35.1	78.1	240,000 *	
130	30.7	70.0	207,000 *	
150 ft. Boom				
50	79.9	155.6	1,009,500 *	993,600 *
55	78.0	154.6	930,700 *	916,100 *
60	76.0	153.3	861,700 *	848,100 *
65	74.0	151.9	800,700 *	788,100 *
70	72.0	150.3	746,400 *	734,700 *
75	70.0	148.5	697,700 *	686,800 *
80	67.9	146.4	653,800 *	643,700 *
85	65.9	144.2	614,000 *	604,600 *
90	63.7	141.7	577,800 *	569,000 *
95	61.6	139.0	538,500 *	529,100 *
100	59.3	136.1	495,500 *	486,900 *
105	57.1	132.9	457,600 *	449,600 *
110	54.7	129.3	418,000 *	408,500 *
115	52.3	125.5	379,900 *	371,300 *
120	49.8	121.3	345,100 *	337,200 *
125	47.2	116.7	313,000 *	305,900 *
130	44.5	111.7	283,100 *	276,800 *
135	41.7	106.2	255,200 *	249,600 *
140	38.7	100.0	228,900 *	223,900 *
145	35.4	93.2	203,700 *	
150	31.9	85.3	179,400 *	
155	27.9	76.3	155,400 *	

200 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
175 ft. Boom				
55	79.7	180.1	923,900 *	909,000 *
60	78.1	179.1	855,400 *	841,600 *
65	76.4	177.9	794,900 *	782,100 *
70	74.7	176.5	741,100 *	729,100 *
75	73.0	175.0	692,800 *	681,600 *
80	71.2	173.3	649,300 *	638,800 *
85	69.5	171.4	609,900 *	600,100 *
90	67.7	169.3	574,100 *	564,800 *
95	65.9	167.1	541,200	531,300
100	64.1	164.7	498,200	489,000
105	62.3	162.1	460,200	451,800
110	60.4	159.2	426,400	418,700
115	58.5	156.2	396,200	389,100
120	56.5	152.9	369,000	362,400
125	54.5	149.3	344,400	338,400
130	52.4	145.5	319,700 *	312,200 *
135	50.3	141.4	294,000 *	287,100 *
140	48.1	136.9	270,000 *	263,700 *
145	45.9	132.1	247,400 *	241,600 *
150	43.5	126.9	226,100 *	220,800 *
155	41.0	121.2	205,800 *	201,000 *
160	38.4	115.0	186,300 *	182,100 *
165	35.6	108.2	167,600 *	
170	32.6	100.6	149,300 *	
175	29.4	91.9	131,200 *	



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
1,395,100 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
200 ft. Boom				
55	81.0	205.6	869,200 *b	844,700 *
60	79.6	204.6	848,800 *	832,900 *
65	78.1	203.6	788,800 *	775,400 *
70	76.6	202.4	735,300 *	722,800 *
75	75.2	201.1	687,400 *	675,700 *
80	73.7	199.6	644,200 *	633,200 *
85	72.2	198.0	605,100 *	594,800 *
90	70.6	196.2	569,600 *	559,800 *
95	69.1	194.3	537,000 *	527,800 *
100	67.6	192.3	499,300	489,800
105	66.0	190.0	461,300	452,500
110	64.4	187.6	427,600	419,300
115	62.8	185.1	397,400	389,700
120	61.2	182.3	370,200	363,000
125	59.5	179.4	345,500	338,900
130	57.8	176.3	323,200	317,000
135	56.1	172.9	302,700	297,000
140	54.3	169.3	284,000	277,900 *
145	52.5	165.5	264,800 *	258,100 *
150	50.7	161.4	245,700 *	239,400 *
155	48.8	157.1	227,600 *	221,800 *
160	46.8	152.4	210,400 *	205,000 *
165	44.8	147.4	194,000 *	189,100 *
170	42.7	142.1	178,300 *	173,800 *
175	40.5	136.3	163,200 *	159,000 *
180	38.2	130.0	148,600 *	144,800 *
185	35.8	123.2	134,400 *	
190	33.2	115.7	120,400 *	
195	30.4	107.4	106,600 *	
200	27.4	98.1	92,700 *	

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
225 ft. Boom				
60	80.7	230.1	733,800 *b	708,700 *
65	79.5	229.1	721,400 *b	697,200 *
70	78.2	228.1	709,100 *	685,900 *
75	76.8	226.9	681,900 *	670,200 *
80	75.5	225.6	639,000 *	628,000 *
85	74.2	224.2	600,200 *	589,800 *
90	72.9	222.7	564,800 *	554,700 *
95	71.5	221.0	527,400 *	513,000 *
100	70.2	219.2	489,200 *	475,800 *
105	68.8	217.2	454,900 *	442,500 *
110	67.4	215.2	423,800 *	412,300 *
115	66.0	212.9	395,500 *	384,700 *
120	64.6	210.6	369,600 *	359,500 *
125	63.2	208.1	345,700 *	336,200 *
130	61.8	205.4	323,500 *	314,600 *
135	60.3	202.5	302,900 *	294,500 *
140	58.8	199.5	283,600 *	275,700 *
145	57.3	196.3	265,500 *	258,100 *
150	55.8	192.9	248,400 *	241,500 *
155	54.2	189.3	232,300 *	225,800 *
160	52.6	185.5	217,000 *	210,900 *
165	51.0	181.5	202,500 *	196,700 *
170	49.3	177.2	188,600 *	183,200 *
175	47.6	172.7	175,300 *	170,300 *
180	45.8	167.8	162,500 *	157,800 *
185	44.0	162.7	150,200 *	145,900 *
190	42.1	157.2	138,300 *	134,300 *
195	40.1	151.3	126,800 *	123,000 *
200	38.1	145.0	115,500 *	112,100 *
205	35.9	138.2	104,500 *	
210	33.6	130.8	93,600 *	
215	31.2	122.8	82,800 *	
220	28.6	113.8	72,000 *	



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

1,395,100 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
250 ft. Boom				
65	80.5	254.6	623,900 *b	598,700 *
70	79.4	253.6	614,100 *b	589,900 *
75	78.2	252.6	604,300 *	581,000 *
80	77.0	251.4	594,700 *	572,100 *
85	75.8	250.2	571,500 *	554,300 *
90	74.6	248.8	527,600 *	511,800 *
95	73.4	247.3	489,000 *	474,400 *
100	72.2	245.7	454,700 *	441,100 *
105	71.0	244.0	423,900 *	411,300 *
110	69.8	242.1	396,100 *	384,300 *
115	68.6	240.2	370,800 *	359,800 *
120	67.3	238.1	347,600 *	337,200 *
125	66.1	235.9	326,200 *	316,500 *
130	64.8	233.5	306,500 *	297,300 *
135	63.5	231.0	288,000 *	279,400 *
140	62.2	228.4	270,900 *	262,700 *
145	60.9	225.6	254,700 *	247,000 *
150	59.6	222.7	239,500 *	232,300 *
155	58.3	219.6	225,200 *	218,300 *
160	56.9	216.4	211,600 *	205,100 *
165	55.5	212.9	198,700 *	192,600 *
170	54.1	209.3	186,400 *	180,600 *
175	52.6	205.5	174,700 *	169,200 *
180	51.2	201.5	163,400 *	158,200 *
185	49.7	197.3	152,600 *	147,700 *
190	48.1	192.8	142,100 *	137,500 *
195	46.6	188.1	132,100 *	127,700 *
200	45.0	183.2	122,300 *	118,200 *
205	43.3	177.9	112,900 *	109,000 *
210	41.6	172.3	103,600 *	100,000 *
215	39.8	166.4	94,600 *	91,300 *
220	37.9	160.0	85,800 *	82,700 *
225	36.0	153.2	77,100 *	
230	34.0	145.9	68,500 *	
235	31.8	138.0	59,900 *	
240	29.5	129.4	51,300 *	
245	27.1	119.9	42,700 *	

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
275 ft. Boom				
70	80.3	279.1	548,400 *	531,500 *
75	79.3	278.1	548,400 *	531,500 *
80	78.2	277.1	545,800 *	531,500 *
85	77.1	275.9	526,500 *	509,200 *
90	76.1	274.7	486,400 *	470,500 *
95	75.0	273.3	451,200 *	436,500 *
100	73.9	271.9	420,000 *	406,300 *
105	72.8	270.4	392,100 *	379,300 *
110	71.7	268.7	366,900 *	355,000 *
115	70.6	266.9	344,000 *	332,800 *
120	69.5	265.1	323,300 *	312,700 *
125	68.4	263.1	304,000 *	294,100 *
130	67.3	261.0	286,200 *	276,900 *
135	66.1	258.8	269,700 *	260,800 *
140	65.0	256.4	254,300 *	245,900 *
145	63.8	254.0	239,800 *	231,900 *
150	62.6	251.4	226,200 *	218,700 *
155	61.4	248.7	213,400 *	206,300 *
160	60.2	245.8	201,300 *	194,500 *
165	59.0	242.8	189,800 *	183,400 *
170	57.8	239.7	178,800 *	172,700 *
175	56.6	236.4	168,400 *	162,600 *
180	55.3	232.9	158,400 *	152,900 *
185	54.0	229.3	148,800 *	143,600 *
190	52.7	225.5	139,600 *	134,600 *
195	51.4	221.5	130,700 *	126,000 *
200	50.0	217.4	122,200 *	117,700 *
205	48.6	213.0	113,900 *	109,600 *
210	47.2	208.4	105,800 *	101,800 *
215	45.8	203.5	98,000 *	94,200 *
220	44.3	198.4	90,400 *	86,800 *
225	42.7	193.1	83,000 *	79,600 *
230	41.2	187.4	75,700 *	72,600 *
235	39.5	181.4	68,600 *	65,600 *
240	37.8	175.0	61,600 *	58,800 *
245	36.1	168.2	54,600 *	
250	34.3	161.0	47,700 *	
255	32.3	153.2	40,900 *	
260	30.3	144.8	34,000 *	



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
1,395,100 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
300 ft. Boom				
75	80.2	303.6	443,000 *	426,200 *
80	79.2	302.6	443,000 *	426,200 *
85	78.2	301.6	443,000 *	426,200 *
90	77.3	300.4	443,000 *	426,200 *
95	76.3	299.2	417,600 *	402,700 *
100	75.3	297.9	388,400 *	374,600 *
105	74.3	296.5	362,500 *	349,500 *
110	73.3	295.0	339,100 *	326,900 *
115	72.3	293.4	317,900 *	306,500 *
120	71.3	291.7	298,600 *	287,800 *
125	70.3	289.9	280,800 *	270,700 *
130	69.2	288.0	264,400 *	254,900 *
135	68.2	286.0	249,300 *	240,200 *
140	67.2	283.9	235,100 *	226,500 *
145	66.1	281.7	221,900 *	213,700 *
150	65.1	279.4	209,500 *	201,700 *
155	64.0	276.9	197,900 *	190,500 *
160	63.0	274.4	186,800 *	179,800 *
165	61.9	271.7	176,400 *	169,700 *
170	60.8	268.9	166,500 *	160,000 *
175	59.7	266.0	157,000 *	150,900 *
180	58.5	263.0	148,000 *	142,100 *
185	57.4	259.8	139,300 *	133,700 *
190	56.3	256.4	131,000 *	125,700 *
195	55.1	253.0	123,100 *	118,000 *
200	53.9	249.3	115,400 *	110,500 *
205	52.7	245.5	108,000 *	103,300 *
210	51.5	241.6	100,800 *	96,400 *
215	50.3	237.4	93,800 *	89,600 *
220	49.0	233.1	87,100 *	83,100 *
225	47.7	228.6	80,500 *	76,700 *
230	46.4	223.8	74,100 *	70,500 *
235	45.1	218.9	67,900 *	64,400 *
240	43.7	213.7	61,800 *	58,500 *
245	42.3	208.2	55,800 *	52,700 *
250	40.8	202.5	49,900 *	47,000 *
255	39.3	196.4	44,100 *	41,300 *
260	37.8	190.0	38,300 *	35,800 *
265	36.2	183.3	32,700 *	

200 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
325 ft. Boom				
75	80.9	328.9	356,600 * ^b	338,900 *
80	80.0	328.1	356,600 *	338,900 *
85	79.1	327.1	356,600 *	338,900 *
90	78.2	326.1	356,600 *	338,900 *
95	77.3	324.9	356,600 *	338,900 *
100	76.4	323.7	356,600 *	338,900 *
105	75.5	322.4	335,900 *	322,800 *
110	74.6	321.1	313,900 *	301,600 *
115	73.7	319.6	294,100 *	282,500 *
120	72.8	318.0	275,900 *	265,000 *
125	71.8	316.4	259,300 *	249,000 *
130	70.9	314.7	244,000 *	234,200 *
135	70.0	312.9	229,800 *	220,500 *
140	69.0	310.9	216,700 *	207,800 *
145	68.1	308.9	204,400 *	196,000 *
150	67.1	306.8	192,900 *	184,900 *
155	66.2	304.6	182,100 *	174,400 *
160	65.2	302.3	171,900 *	164,600 *
165	64.2	299.9	162,300 *	155,300 *
170	63.2	297.4	153,100 *	146,500 *
175	62.2	294.7	144,400 *	138,100 *
180	61.2	292.0	136,200 *	130,000 *
185	60.2	289.1	128,200 *	122,400 *
190	59.2	286.2	120,700 *	115,100 *
195	58.1	283.1	113,400 *	108,000 *
200	57.1	279.8	106,400 *	101,200 *
205	56.0	276.5	99,700 *	94,700 *
210	55.0	273.0	93,200 *	88,400 *
215	53.9	269.3	86,900 *	82,300 *
220	52.8	265.5	80,800 *	76,400 *
225	51.6	261.6	74,900 *	70,700 *
230	50.5	257.5	69,100 *	65,100 *
235	49.3	253.2	63,500 *	59,700 *
240	48.2	248.7	58,100 *	54,400 *
245	47.0	244.1	52,800 *	49,300 *
250	45.7	239.2	47,500 *	44,200 *
255	44.5	234.2	42,400 *	39,300 *
260	43.2	228.9	37,400 *	34,400 *
265	41.9	223.3	32,500 *	



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
1,395,100 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
125 ft. Boom				
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	928,100 *	911,600 *
60	73.1	127.3	858,100 *	842,900 *
65	70.7	125.5	796,200 *	782,200 *
70	68.2	123.5	741,100 *	728,200 *
75	65.7	121.3	691,700 *	679,800 *
80	63.2	118.8	647,200 *	636,200 *
85	60.5	115.9	606,400 *	590,100 *
90	57.8	112.8	538,500 *	523,900 *
95	55.0	109.3	479,100 *	466,100 *
100	52.2	105.5	426,500 *	415,000 *
105	49.1	101.2	379,500 *	369,200 *
110	46.0	96.4	336,800 *	327,800 *
115	42.6	91.1	297,800 *	289,900 *
120	39.0	85.0	261,500 *	254,800 *
125	35.1	78.1	227,400 *	
130	30.7	70.0	194,600 *	
150 ft. Boom				
50	79.9	155.6	1,001,300 *	983,400 *
55	78.0	154.6	922,500 *	905,900 *
60	76.0	153.3	853,300 *	838,000 *
65	74.0	151.9	792,200 *	778,000 *
70	72.0	150.3	737,800 *	724,600 *
75	70.0	148.5	689,000 *	676,700 *
80	67.9	146.4	645,100 *	633,600 *
85	65.9	144.2	605,300 *	594,600 *
90	63.7	141.7	569,000 *	559,100 *
95	61.6	139.0	529,500 *	518,900 *
100	59.3	136.1	486,600 *	477,000 *
105	57.1	132.9	448,200 *	436,400 *
110	54.7	129.3	406,300 *	395,600 *
115	52.3	125.5	368,300 *	358,600 *
120	49.8	121.3	333,600 *	324,700 *
125	47.2	116.7	301,500 *	293,600 *
130	44.5	111.7	271,800 *	264,700 *
135	41.7	106.2	244,000 *	237,700 *
140	38.7	100.0	217,700 *	212,200 *
145	35.4	93.2	192,600 *	
150	31.9	85.3	168,400 *	
155	27.9	76.3	144,400 *	

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
175 ft. Boom				
55	79.7	180.1	916,000 *	899,200 *
60	78.1	179.1	847,500 *	831,800 *
65	76.4	177.9	786,900 *	772,400 *
70	74.7	176.5	733,000 *	719,400 *
75	73.0	175.0	684,700 *	672,000 *
80	71.2	173.3	641,100 *	629,300 *
85	69.5	171.4	601,700 *	590,600 *
90	67.7	169.3	565,800 *	555,300 *
95	65.9	167.1	533,000	521,700
100	64.1	164.7	490,000	479,700
105	62.3	162.1	452,100	442,600
110	60.4	159.2	418,400	409,700
115	58.5	156.2	388,300	380,200
120	56.5	152.9	361,100	353,700
125	54.5	149.3	336,600	327,600 *
130	52.4	145.5	309,300 *	300,800 *
135	50.3	141.4	283,600 *	275,900 *
140	48.1	136.9	259,700 *	252,600 *
145	45.9	132.1	237,200 *	230,700 *
150	43.5	126.9	215,900 *	210,000 *
155	41.0	121.2	195,700 *	190,300 *
160	38.4	115.0	176,300 *	171,500 *
165	35.6	108.2	157,600 *	
170	32.6	100.6	139,300 *	
175	29.4	91.9	121,300 *	



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
1,395,100 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
200 ft. Boom				
55	81.0	205.6	858,100 *	830,800 *
60	79.6	204.6	841,000 *	816,100 *
65	78.1	203.6	780,900 *	766,000 *
70	76.6	202.4	727,400 *	713,500 *
75	75.2	201.1	679,500 *	666,500 *
80	73.7	199.6	636,300 *	624,100 *
85	72.2	198.0	597,200 *	585,700 *
90	70.6	196.2	561,600 *	550,800 *
95	69.1	194.3	529,100 *	518,900 *
100	67.6	192.3	491,700	480,900
105	66.0	190.0	453,800	443,800
110	64.4	187.6	420,100	410,800
115	62.8	185.1	389,900	381,300
120	61.2	182.3	362,800	354,800
125	59.5	179.4	338,200	330,800
130	57.8	176.3	315,900	308,900
135	56.1	172.9	295,500	288,300 *
140	54.3	169.3	275,500 *	267,300 *
145	52.5	165.5	255,200 *	247,700 *
150	50.7	161.4	236,200 *	229,200 *
155	48.8	157.1	218,100 *	211,600 *
160	46.8	152.4	201,000 *	195,000 *
165	44.8	147.4	184,700 *	179,100 *
170	42.7	142.1	169,000 *	163,900 *
175	40.5	136.3	154,000 *	149,300 *
180	38.2	130.0	139,400 *	135,200 *
185	35.8	123.2	125,200 *	
190	33.2	115.7	111,300 *	
195	30.4	107.4	97,500 *	
200	27.4	98.1	83,700 *	

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
225 ft. Boom				
60	80.7	230.1	725,900 *	698,200 *
65	79.5	229.1	713,300 *	686,700 *
70	78.2	228.1	701,000 *	675,200 *
75	76.8	226.9	674,600 *	661,400 *
80	75.5	225.6	631,700 *	619,200 *
85	74.2	224.2	592,800 *	581,100 *
90	72.9	222.7	557,400 *	542,700 *
95	71.5	221.0	517,700 *	501,300 *
100	70.2	219.2	479,600 *	464,500 *
105	68.8	217.2	445,400 *	431,300 *
110	67.4	215.2	414,400 *	401,400 *
115	66.0	212.9	386,200 *	374,000 *
120	64.6	210.6	360,300 *	348,900 *
125	63.2	208.1	336,500 *	325,800 *
130	61.8	205.4	314,400 *	304,400 *
135	60.3	202.5	293,800 *	284,400 *
140	58.8	199.5	274,500 *	265,700 *
145	57.3	196.3	256,500 *	248,200 *
150	55.8	192.9	239,500 *	231,700 *
155	54.2	189.3	223,400 *	216,100 *
160	52.6	185.5	208,200 *	201,300 *
165	51.0	181.5	193,700 *	187,200 *
170	49.3	177.2	179,800 *	173,800 *
175	47.6	172.7	166,600 *	161,000 *
180	45.8	167.8	153,900 *	148,600 *
185	44.0	162.7	141,600 *	136,700 *
190	42.1	157.2	129,700 *	125,200 *
195	40.1	151.3	118,200 *	114,000 *
200	38.1	145.0	107,000 *	103,100 *
205	35.9	138.2	96,000 *	
210	33.6	130.8	85,100 *	
215	31.2	122.8	74,400 *	
220	28.6	113.8	63,600 *	



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
1,395,100 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
250 ft. Boom				
65	80.5	254.6	616,400 *	588,600 *
70	79.4	253.6	606,400 *	579,700 *
75	78.2	252.6	596,500 *	570,800 *
80	77.0	251.4	586,700 *	561,800 *
85	75.8	250.2	561,700 *	542,300 *
90	74.6	248.8	518,000 *	500,100 *
95	73.4	247.3	479,500 *	463,000 *
100	72.2	245.7	445,400 *	430,000 *
105	71.0	244.0	414,700 *	400,400 *
110	69.8	242.1	387,000 *	373,700 *
115	68.6	240.2	361,800 *	349,300 *
120	67.3	238.1	338,700 *	327,000 *
125	66.1	235.9	317,400 *	306,400 *
130	64.8	233.5	297,700 *	287,300 *
135	63.5	231.0	279,300 *	269,600 *
140	62.2	228.4	262,200 *	253,000 *
145	60.9	225.6	246,100 *	237,400 *
150	59.6	222.7	231,000 *	222,800 *
155	58.3	219.6	216,700 *	208,900 *
160	56.9	216.4	203,200 *	195,800 *
165	55.5	212.9	190,300 *	183,400 *
170	54.1	209.3	178,000 *	171,500 *
175	52.6	205.5	166,300 *	160,100 *
180	51.2	201.5	155,100 *	149,200 *
185	49.7	197.3	144,300 *	138,800 *
190	48.1	192.8	133,900 *	128,700 *
195	46.6	188.1	123,900 *	119,000 *
200	45.0	183.2	114,100 *	109,600 *
205	43.3	177.9	104,700 *	100,400 *
210	41.6	172.3	95,500 *	91,500 *
215	39.8	166.4	86,500 *	82,800 *
220	37.9	160.0	77,700 *	74,300 *
225	36.0	153.2	69,000 *	
230	34.0	145.9	60,500 *	
235	31.8	138.0	51,900 *	
240	29.5	129.4	43,400 *	
245	27.1	119.9	34,800 *	

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
275 ft. Boom				
70	80.3	279.1	539,500 *	521,300 *
75	79.3	278.1	539,500 *	521,300 *
80	78.2	277.1	539,500 *	521,300 *
85	77.1	275.9	516,900 *	497,300 *
90	76.1	274.7	477,000 *	459,000 *
95	75.0	273.3	441,900 *	425,300 *
100	73.9	271.9	410,900 *	395,400 *
105	72.8	270.4	383,100 *	368,700 *
110	71.7	268.7	358,000 *	344,500 *
115	70.6	266.9	335,300 *	322,600 *
120	69.5	265.1	314,600 *	302,700 *
125	68.4	263.1	295,400 *	284,200 *
130	67.3	261.0	277,700 *	267,100 *
135	66.1	258.8	261,200 *	251,200 *
140	65.0	256.4	245,900 *	236,400 *
145	63.8	254.0	231,500 *	222,500 *
150	62.6	251.4	217,900 *	209,500 *
155	61.4	248.7	205,200 *	197,100 *
160	60.2	245.8	193,100 *	185,500 *
165	59.0	242.8	181,600 *	174,400 *
170	57.8	239.7	170,700 *	163,900 *
175	56.6	236.4	160,300 *	153,800 *
180	55.3	232.9	150,400 *	144,200 *
185	54.0	229.3	140,800 *	134,900 *
190	52.7	225.5	131,700 *	126,100 *
195	51.4	221.5	122,800 *	117,500 *
200	50.0	217.4	114,300 *	109,200 *
205	48.6	213.0	106,000 *	101,300 *
210	47.2	208.4	98,000 *	93,500 *
215	45.8	203.5	90,200 *	86,000 *
220	44.3	198.4	82,700 *	78,600 *
225	42.7	193.1	75,300 *	71,500 *
230	41.2	187.4	68,000 *	64,500 *
235	39.5	181.4	60,900 *	57,600 *
240	37.8	175.0	53,900 *	50,800 *
245	36.1	168.2	47,000 *	
250	34.3	161.0	40,100 *	
255	32.3	153.2	33,300 *	



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

1,395,100 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
300 ft. Boom				
75	80.2	303.6	434,900 *	416,900 *
80	79.2	302.6	434,900 *	416,900 *
85	78.2	301.6	434,900 *	416,900 *
90	77.3	300.4	434,900 *	416,900 *
95	76.3	299.2	408,600 *	391,800 *
100	75.3	297.9	379,700 *	364,000 *
105	74.3	296.5	353,800 *	339,200 *
110	73.3	295.0	330,500 *	316,800 *
115	72.3	293.4	309,400 *	296,500 *
120	71.3	291.7	290,200 *	278,100 *
125	70.3	289.9	272,500 *	261,100 *
130	69.2	288.0	256,200 *	245,400 *
135	68.2	286.0	241,100 *	230,900 *
140	67.2	283.9	227,000 *	217,300 *
145	66.1	281.7	213,900 *	204,700 *
150	65.1	279.4	201,500 *	192,800 *
155	64.0	276.9	189,900 *	181,600 *
160	63.0	274.4	178,900 *	171,000 *
165	61.9	271.7	168,500 *	161,000 *
170	60.8	268.9	158,600 *	151,400 *
175	59.7	266.0	149,200 *	142,300 *
180	58.5	263.0	140,200 *	133,700 *
185	57.4	259.8	131,600 *	125,400 *
190	56.3	256.4	123,400 *	117,400 *
195	55.1	253.0	115,400 *	109,700 *
200	53.9	249.3	107,800 *	102,300 *
205	52.7	245.5	100,400 *	95,200 *
210	51.5	241.6	93,300 *	88,300 *
215	50.3	237.4	86,300 *	81,600 *
220	49.0	233.1	79,600 *	75,100 *
225	47.7	228.6	73,100 *	68,800 *
230	46.4	223.8	66,700 *	62,600 *
235	45.1	218.9	60,500 *	56,600 *
240	43.7	213.7	54,400 *	50,700 *
245	42.3	208.2	48,400 *	45,000 *
250	40.8	202.5	42,500 *	39,300 *
255	39.3	196.4	36,700 *	33,700 *
260	37.8	190.0	31,000 *	

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
325 ft. Boom				
75	80.9	328.9	349,300 *	332,200 *
80	80.0	328.1	349,300 *	332,200 *
85	79.1	327.1	349,300 *	332,200 *
90	78.2	326.1	349,300 *	332,200 *
95	77.3	324.9	349,300 *	332,200 *
100	76.4	323.7	349,300 *	332,200 *
105	75.5	322.4	327,600 *	312,700 *
110	74.6	321.1	305,700 *	291,700 *
115	73.7	319.6	286,000 *	272,900 *
120	72.8	318.0	267,900 *	255,500 *
125	71.8	316.4	251,300 *	239,700 *
130	70.9	314.7	236,100 *	225,000 *
135	70.0	312.9	222,000 *	211,500 *
140	69.0	310.9	208,900 *	198,900 *
145	68.1	308.9	196,700 *	187,200 *
150	67.1	306.8	185,200 *	176,200 *
155	66.2	304.6	174,400 *	165,800 *
160	65.2	302.3	164,300 *	156,100 *
165	64.2	299.9	154,700 *	146,900 *
170	63.2	297.4	145,600 *	138,100 *
175	62.2	294.7	136,900 *	129,800 *
180	61.2	292.0	128,700 *	121,800 *
185	60.2	289.1	120,800 *	114,200 *
190	59.2	286.2	113,300 *	107,000 *
195	58.1	283.1	106,000 *	100,000 *
200	57.1	279.8	99,100 *	93,300 *
205	56.0	276.5	92,300 *	86,800 *
210	55.0	273.0	85,900 *	80,600 *
215	53.9	269.3	79,600 *	74,500 *
220	52.8	265.5	73,500 *	68,700 *
225	51.6	261.6	67,700 *	63,000 *
230	50.5	257.5	61,900 *	57,500 *
235	49.3	253.2	56,400 *	52,100 *
240	48.2	248.7	50,900 *	46,900 *
245	47.0	244.1	45,600 *	41,700 *
250	45.7	239.2	40,400 *	36,700 *
255	44.5	234.2	35,400 *	31,800 *
260	43.2	228.9	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

1,395,100 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
125 ft. Boom				
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	917,600 *	899,100 *
60	73.1	127.3	847,500 *	830,500 *
65	70.7	125.5	785,500 *	769,800 *
70	68.2	123.5	730,300 *	715,900 *
75	65.7	121.3	680,900 *	667,600 *
80	63.2	118.8	636,300 *	624,100 *
85	60.5	115.9	590,500 *	572,200 *
90	57.8	112.8	522,900 *	506,700 *
95	55.0	109.3	463,800 *	449,300 *
100	52.2	105.5	411,500 *	398,600 *
105	49.1	101.2	364,600 *	353,300 *
110	46.0	96.4	322,200 *	312,300 *
115	42.6	91.1	283,400 *	274,800 *
120	39.0	85.0	247,300 *	240,000 *
125	35.1	78.1	213,400 *	
130	30.7	70.0	180,800 *	
150 ft. Boom				
50	79.9	155.6	991,300 *	971,100 *
55	78.0	154.6	912,400 *	893,700 *
60	76.0	153.3	843,200 *	826,000 *
65	74.0	151.9	782,000 *	766,100 *
70	72.0	150.3	727,600 *	712,800 *
75	70.0	148.5	678,800 *	665,100 *
80	67.9	146.4	634,900 *	622,100 *
85	65.9	144.2	595,000 *	583,100 *
90	63.7	141.7	558,800 *	547,700 *
95	61.6	139.0	519,000	507,200
100	59.3	136.1	476,300	465,600
105	57.1	132.9	434,600 *	421,400 *
110	54.7	129.3	392,900 *	380,900 *
115	52.3	125.5	355,000 *	344,200 *
120	49.8	121.3	320,500 *	310,700 *
125	47.2	116.7	288,600 *	279,900 *
130	44.5	111.7	259,000 *	251,200 *
135	41.7	106.2	231,400 *	224,500 *
140	38.7	100.0	205,200 *	199,200 *
145	35.4	93.2	180,300 *	
150	31.9	85.3	156,200 *	
155	27.9	76.3	132,400 *	

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
175 ft. Boom				
55	79.7	180.1	906,300 *	887,400 *
60	78.1	179.1	837,800 *	820,200 *
65	76.4	177.9	777,200 *	760,900 *
70	74.7	176.5	723,300 *	708,100 *
75	73.0	175.0	675,000 *	660,800 *
80	71.2	173.3	631,500 *	618,200 *
85	69.5	171.4	592,000 *	579,600 *
90	67.7	169.3	556,100 *	544,500 *
95	65.9	167.1	523,200	510,600
100	64.1	164.7	480,400	468,800
105	62.3	162.1	442,600	432,000
110	60.4	159.2	409,100	399,300
115	58.5	156.2	379,100	370,100
120	56.5	152.9	352,100	343,200 *
125	54.5	149.3	324,700 *	314,500 *
130	52.4	145.5	297,300 *	288,000 *
135	50.3	141.4	271,900 *	263,300 *
140	48.1	136.9	248,100 *	240,200 *
145	45.9	132.1	225,700 *	218,500 *
150	43.5	126.9	204,500 *	198,000 *
155	41.0	121.2	184,400 *	178,500 *
160	38.4	115.0	165,100 *	159,900 *
165	35.6	108.2	146,500 *	
170	32.6	100.6	128,300 *	
175	29.4	91.9	110,400 *	



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
1,395,100 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
200 ft. Boom				
55	81.0	205.6	850,300 *	820,100 *
60	79.6	204.6	831,700 *	809,600 *
65	78.1	203.6	771,600 *	755,000 *
70	76.6	202.4	718,100 *	702,600 *
75	75.2	201.1	670,200 *	655,700 *
80	73.7	199.6	627,100 *	613,400 *
85	72.2	198.0	588,000 *	575,100 *
90	70.6	196.2	552,400 *	540,300 *
95	69.1	194.3	519,900 *	508,500 *
100	67.6	192.3	482,700	470,600
105	66.0	190.0	444,900	433,700
110	64.4	187.6	411,300	401,000
115	62.8	185.1	381,300	371,700
120	61.2	182.3	354,300	345,300
125	59.5	179.4	329,800	321,500
130	57.8	176.3	307,600	298,500 *
135	56.1	172.9	286,000 *	276,300 *
140	54.3	169.3	264,500 *	255,500 *
145	52.5	165.5	244,400 *	236,000 *
150	50.7	161.4	225,400 *	217,700 *
155	48.8	157.1	207,500 *	200,300 *
160	46.8	152.4	190,500 *	183,800 *
165	44.8	147.4	174,200 *	168,100 *
170	42.7	142.1	158,600 *	153,100 *
175	40.5	136.3	143,700 *	138,600 *
180	38.2	130.0	129,200 *	124,600 *
185	35.8	123.2	115,100 *	
190	33.2	115.7	101,200 *	
195	30.4	107.4	87,500 *	
200	27.4	98.1	73,800 *	

240 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
225 ft. Boom				
60	80.7	230.1	715,500 *	684,900 *
65	79.5	229.1	702,900 *	673,400 *
70	78.2	228.1	690,300 *	661,900 *
75	76.8	226.9	665,800 *	650,500 *
80	75.5	225.6	622,900 *	608,600 *
85	74.2	224.2	584,100 *	570,600 *
90	72.9	222.7	548,500 *	528,700 *
95	71.5	221.0	505,900 *	487,700 *
100	70.2	219.2	468,100 *	451,200 *
105	68.8	217.2	434,100 *	418,400 *
110	67.4	215.2	403,300 *	388,700 *
115	66.0	212.9	375,200 *	361,700 *
120	64.6	210.6	349,500 *	336,800 *
125	63.2	208.1	325,800 *	313,900 *
130	61.8	205.4	303,800 *	292,700 *
135	60.3	202.5	283,300 *	272,900 *
140	58.8	199.5	264,200 *	254,400 *
145	57.3	196.3	246,200 *	237,100 *
150	55.8	192.9	229,300 *	220,700 *
155	54.2	189.3	213,300 *	205,300 *
160	52.6	185.5	198,200 *	190,600 *
165	51.0	181.5	183,800 *	176,700 *
170	49.3	177.2	170,000 *	163,400 *
175	47.6	172.7	156,800 *	150,600 *
180	45.8	167.8	144,200 *	138,400 *
185	44.0	162.7	132,000 *	126,600 *
190	42.1	157.2	120,200 *	115,200 *
195	40.1	151.3	108,700 *	104,200 *
200	38.1	145.0	97,500 *	93,400 *
205	35.9	138.2	86,600 *	
210	33.6	130.8	75,800 *	
215	31.2	122.8	65,100 *	
220	28.6	113.8	54,400 *	



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
1,395,100 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
250 ft. Boom				
65	80.5	254.6	606,300 *	575,700 *
70	79.4	253.6	596,200 *	566,800 *
75	78.2	252.6	586,300 *	557,900 *
80	77.0	251.4	576,400 *	548,900 *
85	75.8	250.2	549,700 *	527,900 *
90	74.6	248.8	506,300 *	486,300 *
95	73.4	247.3	468,100 *	449,600 *
100	72.2	245.7	434,200 *	417,000 *
105	71.0	244.0	403,700 *	387,800 *
110	69.8	242.1	376,200 *	361,300 *
115	68.6	240.2	351,200 *	337,200 *
120	67.3	238.1	328,200 *	315,100 *
125	66.1	235.9	307,000 *	294,800 *
130	64.8	233.5	287,500 *	275,900 *
135	63.5	231.0	269,200 *	258,400 *
140	62.2	228.4	252,200 *	242,000 *
145	60.9	225.6	236,200 *	226,600 *
150	59.6	222.7	221,200 *	212,100 *
155	58.3	219.6	207,000 *	198,400 *
160	56.9	216.4	193,500 *	185,400 *
165	55.5	212.9	180,700 *	173,100 *
170	54.1	209.3	168,500 *	161,300 *
175	52.6	205.5	156,900 *	150,100 *
180	51.2	201.5	145,700 *	139,300 *
185	49.7	197.3	135,000 *	129,000 *
190	48.1	192.8	124,700 *	119,000 *
195	46.6	188.1	114,700 *	109,400 *
200	45.0	183.2	105,000 *	100,000 *
205	43.3	177.9	95,700 *	91,000 *
210	41.6	172.3	86,500 *	82,200 *
215	39.8	166.4	77,600 *	73,600 *
220	37.9	160.0	68,800 *	65,100 *
225	36.0	153.2	60,200 *	
230	34.0	145.9	51,700 *	
235	31.8	138.0	43,200 *	
240	29.5	129.4	34,700 *	

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
275 ft. Boom				
70	80.3	279.1	529,400 *	509,800 *
75	79.3	278.1	529,400 *	509,800 *
80	78.2	277.1	529,400 *	509,800 *
85	77.1	275.9	505,100 *	483,100 *
90	76.1	274.7	465,500 *	445,300 *
95	75.0	273.3	430,700 *	412,100 *
100	73.9	271.9	399,900 *	382,600 *
105	72.8	270.4	372,400 *	356,200 *
110	71.7	268.7	347,500 *	332,400 *
115	70.6	266.9	324,900 *	310,700 *
120	69.5	265.1	304,400 *	291,100 *
125	68.4	263.1	285,300 *	272,800 *
130	67.3	261.0	267,700 *	255,900 *
135	66.1	258.8	251,400 *	240,300 *
140	65.0	256.4	236,100 *	225,600 *
145	63.8	254.0	221,800 *	211,900 *
150	62.6	251.4	208,400 *	199,000 *
155	61.4	248.7	195,700 *	186,800 *
160	60.2	245.8	183,800 *	175,300 *
165	59.0	242.8	172,400 *	164,300 *
170	57.8	239.7	161,500 *	153,900 *
175	56.6	236.4	151,200 *	144,000 *
180	55.3	232.9	141,300 *	134,400 *
185	54.0	229.3	131,800 *	125,300 *
190	52.7	225.5	122,700 *	116,500 *
195	51.4	221.5	113,900 *	108,100 *
200	50.0	217.4	105,500 *	99,900 *
205	48.6	213.0	97,300 *	92,000 *
210	47.2	208.4	89,300 *	84,400 *
215	45.8	203.5	81,600 *	76,900 *
220	44.3	198.4	74,000 *	69,700 *
225	42.7	193.1	66,700 *	62,600 *
230	41.2	187.4	59,500 *	55,700 *
235	39.5	181.4	52,400 *	48,900 *
240	37.8	175.0	45,500 *	42,200 *
245	36.1	168.2	38,600 *	
250	34.3	161.0	31,800 *	



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
1,395,100 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
300 ft. Boom				
75	80.2	303.6	425,500 *	406,100 *
80	79.2	302.6	425,500 *	406,100 *
85	78.2	301.6	425,500 *	406,100 *
90	77.3	300.4	425,500 *	406,100 *
95	76.3	299.2	397,800 *	378,900 *
100	75.3	297.9	369,000 *	351,500 *
105	74.3	296.5	343,400 *	327,000 *
110	73.3	295.0	320,300 *	304,900 *
115	72.3	293.4	299,400 *	285,000 *
120	71.3	291.7	280,300 *	266,700 *
125	70.3	289.9	262,800 *	250,000 *
130	69.2	288.0	246,600 *	234,500 *
135	68.2	286.0	231,600 *	220,200 *
140	67.2	283.9	217,600 *	206,800 *
145	66.1	281.7	204,600 *	194,300 *
150	65.1	279.4	192,300 *	182,600 *
155	64.0	276.9	180,800 *	171,500 *
160	63.0	274.4	169,900 *	161,100 *
165	61.9	271.7	159,600 *	151,200 *
170	60.8	268.9	149,700 *	141,700 *
175	59.7	266.0	140,400 *	132,800 *
180	58.5	263.0	131,500 *	124,200 *
185	57.4	259.8	122,900 *	116,000 *
190	56.3	256.4	114,700 *	108,100 *
195	55.1	253.0	106,800 *	100,500 *
200	53.9	249.3	99,200 *	93,200 *
205	52.7	245.5	91,900 *	86,200 *
210	51.5	241.6	84,800 *	79,400 *
215	50.3	237.4	77,900 *	72,800 *
220	49.0	233.1	71,300 *	66,300 *
225	47.7	228.6	64,800 *	60,100 *
230	46.4	223.8	58,400 *	54,000 *
235	45.1	218.9	52,200 *	48,100 *
240	43.7	213.7	46,200 *	42,200 *
245	42.3	208.2	40,300 *	36,500 *
250	40.8	202.5	34,400 *	30,900 *

240 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
325 ft. Boom				
75	80.9	328.9	340,600 *	320,100 *
80	80.0	328.1	340,600 *	320,100 *
85	79.1	327.1	340,600 *	320,100 *
90	78.2	326.1	340,600 *	320,100 *
95	77.3	324.9	340,600 *	320,100 *
100	76.4	323.7	340,600 *	320,100 *
105	75.5	322.4	317,500 *	300,900 *
110	74.6	321.1	295,800 *	280,200 *
115	73.7	319.6	276,300 *	261,600 *
120	72.8	318.0	258,300 *	244,500 *
125	71.8	316.4	241,900 *	228,800 *
130	70.9	314.7	226,800 *	214,400 *
135	70.0	312.9	212,800 *	201,100 *
140	69.0	310.9	199,800 *	188,700 *
145	68.1	308.9	187,700 *	177,100 *
150	67.1	306.8	176,300 *	166,200 *
155	66.2	304.6	165,600 *	156,000 *
160	65.2	302.3	155,600 *	146,400 *
165	64.2	299.9	146,000 *	137,300 *
170	63.2	297.4	137,000 *	128,700 *
175	62.2	294.7	128,400 *	120,400 *
180	61.2	292.0	120,200 *	112,600 *
185	60.2	289.1	112,400 *	105,100 *
190	59.2	286.2	104,900 *	97,900 *
195	58.1	283.1	97,700 *	91,000 *
200	57.1	279.8	90,800 *	84,400 *
205	56.0	276.5	84,100 *	78,000 *
210	55.0	273.0	77,700 *	71,800 *
215	53.9	269.3	71,500 *	65,900 *
220	52.8	265.5	65,500 *	60,100 *
225	51.6	261.6	59,600 *	54,500 *
230	50.5	257.5	53,900 *	49,000 *
235	49.3	253.2	48,400 *	43,700 *
240	48.2	248.7	43,000 *	38,600 *
245	47.0	244.1	37,700 *	33,500 *
250	45.7	239.2	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
1,395,100 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
125 ft. Boom				
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	912,000 *	891,400 *
60	73.1	127.3	841,600 *	822,600 *
65	70.7	125.5	779,300 *	761,800 *
70	68.2	123.5	723,900 *	707,800 *
75	65.7	121.3	674,200 *	659,400 *
80	63.2	118.8	629,400 *	615,800 *
85	60.5	115.9	579,900 *	559,400 *
90	57.8	112.8	512,300 *	494,000 *
95	55.0	109.3	453,100 *	436,900 *
100	52.2	105.5	400,800 *	386,400 *
105	49.1	101.2	354,000 *	341,200 *
110	46.0	96.4	311,600 *	300,300 *
115	42.6	91.1	272,700 *	262,900 *
120	39.0	85.0	236,700 *	228,300 *
125	35.1	78.1	202,700 *	
130	30.7	70.0	170,100 *	
150 ft. Boom				
50	79.9	155.6	986,500 *	963,900 *
55	78.0	154.6	907,200 *	886,500 *
60	76.0	153.3	837,800 *	818,600 *
65	74.0	151.9	776,400 *	758,600 *
70	72.0	150.3	721,800 *	705,300 *
75	70.0	148.5	672,900 *	657,500 *
80	67.9	146.4	628,700 *	614,400 *
85	65.9	144.2	588,800 *	575,500 *
90	63.7	141.7	552,400 *	540,000 *
95	61.6	139.0	512,100	498,800
100	59.3	136.1	469,400	455,300 *
105	57.1	132.9	425,300 *	410,500 *
110	54.7	129.3	383,600 *	370,200 *
115	52.3	125.5	345,800 *	333,600 *
120	49.8	121.3	311,200 *	300,200 *
125	47.2	116.7	279,300 *	269,500 *
130	44.5	111.7	249,800 *	240,900 *
135	41.7	106.2	222,100 *	214,300 *
140	38.7	100.0	196,000 *	189,100 *
145	35.4	93.2	171,100 *	
150	31.9	85.3	146,900 *	
155	27.9	76.3	123,100 *	

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
175 ft. Boom				
55	79.7	180.1	901,700 *	880,600 *
60	78.1	179.1	832,900 *	813,300 *
65	76.4	177.9	772,100 *	753,900 *
70	74.7	176.5	718,000 *	701,100 *
75	73.0	175.0	669,600 *	653,700 *
80	71.2	173.3	625,900 *	611,100 *
85	69.5	171.4	586,400 *	572,500 *
90	67.7	169.3	550,400 *	537,300 *
95	65.9	167.1	517,000	502,900
100	64.1	164.7	474,200	461,300
105	62.3	162.1	436,500	424,600
110	60.4	159.2	403,000	392,000
115	58.5	156.2	372,900	362,900
120	56.5	152.9	345,900	333,600 *
125	54.5	149.3	316,500 *	305,000 *
130	52.4	145.5	289,100 *	278,600 *
135	50.3	141.4	263,700 *	254,000 *
140	48.1	136.9	239,800 *	231,000 *
145	45.9	132.1	217,500 *	209,400 *
150	43.5	126.9	196,300 *	189,000 *
155	41.0	121.2	176,200 *	169,600 *
160	38.4	115.0	156,900 *	151,000 *
165	35.6	108.2	138,300 *	
170	32.6	100.6	120,200 *	
175	29.4	91.9	102,300 *	



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
1,395,100 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
200 ft. Boom				
55	81.0	205.6	844,900 *	811,800 *
60	79.6	204.6	827,200 *	796,800 *
65	78.1	203.6	767,000 *	748,400 *
70	76.6	202.4	713,300 *	696,000 *
75	75.2	201.1	665,300 *	649,100 *
80	73.7	199.6	622,000 *	606,800 *
85	72.2	198.0	582,900 *	568,500 *
90	70.6	196.2	547,200 *	533,700 *
95	69.1	194.3	514,600 *	501,800 *
100	67.6	192.3	477,200	463,600
105	66.0	190.0	439,400	426,900
110	64.4	187.6	405,800	394,200
115	62.8	185.1	375,800	365,000
120	61.2	182.3	348,800	338,700
125	59.5	179.4	324,300	313,600 *
130	57.8	176.3	301,500 *	289,800 *
135	56.1	172.9	278,600 *	267,700 *
140	54.3	169.3	257,100 *	247,000 *
145	52.5	165.5	237,000 *	227,600 *
150	50.7	161.4	218,100 *	209,300 *
155	48.8	157.1	200,100 *	192,000 *
160	46.8	152.4	183,100 *	175,600 *
165	44.8	147.4	166,800 *	160,000 *
170	42.7	142.1	151,300 *	145,000 *
175	40.5	136.3	136,300 *	130,500 *
180	38.2	130.0	121,800 *	116,600 *
185	35.8	123.2	107,700 *	
190	33.2	115.7	93,800 *	
195	30.4	107.4	80,200 *	
200	27.4	98.1	66,400 *	

260 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
225 ft. Boom				
60	80.7	230.1	711,900 *	678,400 *
65	79.5	229.1	698,900 *	666,700 *
70	78.2	228.1	686,100 *	655,000 *
75	76.8	226.9	661,300 *	643,400 *
80	75.5	225.6	618,300 *	602,400 *
85	74.2	224.2	579,400 *	564,400 *
90	72.9	222.7	541,800 *	519,700 *
95	71.5	221.0	499,300 *	478,900 *
100	70.2	219.2	461,400 *	442,600 *
105	68.8	217.2	427,400 *	409,900 *
110	67.4	215.2	396,600 *	380,300 *
115	66.0	212.9	368,500 *	353,400 *
120	64.6	210.6	342,800 *	328,600 *
125	63.2	208.1	319,100 *	305,800 *
130	61.8	205.4	297,100 *	284,700 *
135	60.3	202.5	276,600 *	265,000 *
140	58.8	199.5	257,500 *	246,500 *
145	57.3	196.3	239,500 *	229,300 *
150	55.8	192.9	222,600 *	213,000 *
155	54.2	189.3	206,600 *	197,600 *
160	52.6	185.5	191,500 *	183,000 *
165	51.0	181.5	177,100 *	169,100 *
170	49.3	177.2	163,300 *	155,800 *
175	47.6	172.7	150,100 *	143,100 *
180	45.8	167.8	137,400 *	131,000 *
185	44.0	162.7	125,200 *	119,200 *
190	42.1	157.2	113,400 *	107,900 *
195	40.1	151.3	102,000 *	96,800 *
200	38.1	145.0	90,800 *	86,100 *
205	35.9	138.2	79,900 *	
210	33.6	130.8	69,100 *	
215	31.2	122.8	58,400 *	
220	28.6	113.8	47,700 *	



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

1,395,100 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
250 ft. Boom				
65	80.5	254.6	602,900 *	569,500 *
70	79.4	253.6	592,600 *	560,400 *
75	78.2	252.6	582,400 *	551,300 *
80	77.0	251.4	572,300 *	542,200 *
85	75.8	250.2	543,400 *	519,000 *
90	74.6	248.8	500,000 *	477,600 *
95	73.4	247.3	461,800 *	441,100 *
100	72.2	245.7	427,800 *	408,700 *
105	71.0	244.0	397,400 *	379,600 *
110	69.8	242.1	369,900 *	353,200 *
115	68.6	240.2	344,800 *	329,300 *
120	67.3	238.1	321,900 *	307,300 *
125	66.1	235.9	300,700 *	287,000 *
130	64.8	233.5	281,200 *	268,200 *
135	63.5	231.0	262,900 *	250,800 *
140	62.2	228.4	245,900 *	234,400 *
145	60.9	225.6	229,900 *	219,100 *
150	59.6	222.7	214,900 *	204,700 *
155	58.3	219.6	200,700 *	191,100 *
160	56.9	216.4	187,200 *	178,100 *
165	55.5	212.9	174,500 *	165,900 *
170	54.1	209.3	162,300 *	154,200 *
175	52.6	205.5	150,600 *	143,000 *
180	51.2	201.5	139,500 *	132,200 *
185	49.7	197.3	128,700 *	121,900 *
190	48.1	192.8	118,400 *	112,000 *
195	46.6	188.1	108,400 *	102,400 *
200	45.0	183.2	98,800 *	93,200 *
205	43.3	177.9	89,400 *	84,100 *
210	41.6	172.3	80,300 *	75,400 *
215	39.8	166.4	71,300 *	66,800 *
220	37.9	160.0	62,600 *	58,400 *
225	36.0	153.2	54,000 *	
230	34.0	145.9	45,500 *	
235	31.8	138.0	37,000 *	

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
275 ft. Boom				
70	80.3	279.1	524,100 *	503,000 *
75	79.3	278.1	524,100 *	503,000 *
80	78.2	277.1	524,100 *	503,000 *
85	77.1	275.9	498,900 *	474,400 *
90	76.1	274.7	459,300 *	436,800 *
95	75.0	273.3	424,600 *	403,800 *
100	73.9	271.9	393,800 *	374,500 *
105	72.8	270.4	366,300 *	348,200 *
110	71.7	268.7	341,400 *	324,500 *
115	70.6	266.9	318,800 *	303,000 *
120	69.5	265.1	298,300 *	283,500 *
125	68.4	263.1	279,300 *	265,300 *
130	67.3	261.0	261,700 *	248,500 *
135	66.1	258.8	245,400 *	232,900 *
140	65.0	256.4	230,100 *	218,400 *
145	63.8	254.0	215,900 *	204,700 *
150	62.6	251.4	202,400 *	191,900 *
155	61.4	248.7	189,800 *	179,800 *
160	60.2	245.8	177,800 *	168,300 *
165	59.0	242.8	166,400 *	157,400 *
170	57.8	239.7	155,600 *	147,000 *
175	56.6	236.4	145,300 *	137,100 *
180	55.3	232.9	135,400 *	127,700 *
185	54.0	229.3	125,900 *	118,600 *
190	52.7	225.5	116,800 *	109,900 *
195	51.4	221.5	108,000 *	101,400 *
200	50.0	217.4	99,500 *	93,300 *
205	48.6	213.0	91,300 *	85,500 *
210	47.2	208.4	83,400 *	77,800 *
215	45.8	203.5	75,700 *	70,400 *
220	44.3	198.4	68,100 *	63,200 *
225	42.7	193.1	60,800 *	56,200 *
230	41.2	187.4	53,600 *	49,300 *
235	39.5	181.4	46,600 *	42,500 *
240	37.8	175.0	39,600 *	35,800 *
245	36.1	168.2	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
1,395,100 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
300 ft. Boom				
75	80.2	303.6	420,900 *	399,900 *
80	79.2	302.6	420,900 *	399,900 *
85	78.2	301.6	420,900 *	399,900 *
90	77.3	300.4	420,900 *	399,900 *
95	76.3	299.2	392,000 *	370,900 *
100	75.3	297.9	363,300 *	343,700 *
105	74.3	296.5	337,700 *	319,300 *
110	73.3	295.0	314,600 *	297,400 *
115	72.3	293.4	293,700 *	277,600 *
120	71.3	291.7	274,600 *	259,400 *
125	70.3	289.9	257,100 *	242,800 *
130	69.2	288.0	240,900 *	227,400 *
135	68.2	286.0	225,900 *	213,200 *
140	67.2	283.9	212,000 *	199,900 *
145	66.1	281.7	198,900 *	187,400 *
150	65.1	279.4	186,700 *	175,800 *
155	64.0	276.9	175,200 *	164,800 *
160	63.0	274.4	164,300 *	154,400 *
165	61.9	271.7	154,000 *	144,500 *
170	60.8	268.9	144,100 *	135,200 *

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
300 ft. Boom				
175	59.7	266.0	134,800 *	126,300 *
180	58.5	263.0	125,900 *	117,700 *
185	57.4	259.8	117,300 *	109,600 *
190	56.3	256.4	109,100 *	101,700 *
195	55.1	253.0	101,300 *	94,200 *
200	53.9	249.3	93,700 *	86,900 *
205	52.7	245.5	86,300 *	79,900 *
210	51.5	241.6	79,300 *	73,100 *
215	50.3	237.4	72,400 *	66,600 *
220	49.0	233.1	65,700 *	60,200 *
225	47.7	228.6	59,200 *	54,000 *
230	46.4	223.8	52,900 *	47,900 *
235	45.1	218.9	46,700 *	42,000 *
240	43.7	213.7	40,700 *	36,200 *
245	42.3	208.2	34,700 *	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

1,395,100 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
125 ft. Boom				
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	900,700 *	878,100 *
60	73.1	127.3	830,200 *	809,400 *
65	70.7	125.5	767,900 *	748,700 *
70	68.2	123.5	712,400 *	694,700 *
75	65.7	121.3	662,600 *	646,400 *
80	63.2	118.8	617,800 *	602,800 *
85	60.5	115.9	563,000 *	540,300 *
90	57.8	112.8	495,700 *	475,500 *
95	55.0	109.3	436,900 *	418,900 *
100	52.2	105.5	384,800 *	368,900 *
105	49.1	101.2	338,200 *	324,100 *
110	46.0	96.4	296,000 *	283,600 *
115	42.6	91.1	257,400 *	246,600 *
120	39.0	85.0	221,500 *	212,400 *
125	35.1	78.1	187,800 *	
130	30.7	70.0	155,300 *	
150 ft. Boom				
50	79.9	155.6	976,000 *	951,000 *
55	78.0	154.6	896,700 *	873,600 *
60	76.0	153.3	827,200 *	805,900 *
65	74.0	151.9	765,800 *	746,100 *
70	72.0	150.3	711,100 *	692,800 *
75	70.0	148.5	662,200 *	645,100 *
80	67.9	146.4	618,000 *	602,200 *
85	65.9	144.2	578,000 *	563,300 *
90	63.7	141.7	541,600 *	527,900 *
95	61.6	139.0	501,000 *	486,300 *
100	59.3	136.1	456,900 *	438,900 *
105	57.1	132.9	410,800 *	394,500 *
110	54.7	129.3	369,300 *	354,500 *
115	52.3	125.5	331,700 *	318,300 *
120	49.8	121.3	297,300 *	285,200 *
125	47.2	116.7	265,600 *	254,800 *
130	44.5	111.7	236,200 *	226,500 *
135	41.7	106.2	208,700 *	200,100 *
140	38.7	100.0	182,700 *	175,300 *
145	35.4	93.2	157,900 *	
150	31.9	85.3	134,000 *	
155	27.9	76.3	110,300 *	

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
175 ft. Boom				
55	79.7	180.1	891,600 *	868,100 *
60	78.1	179.1	822,800 *	801,100 *
65	76.4	177.9	762,000 *	741,800 *
70	74.7	176.5	707,900 *	689,100 *
75	73.0	175.0	659,500 *	641,900 *
80	71.2	173.3	615,800 *	599,400 *
85	69.5	171.4	576,300 *	560,900 *
90	67.7	169.3	540,300 *	525,800 *
95	65.9	167.1	506,700	491,100
100	64.1	164.7	464,100	449,800
105	62.3	162.1	426,500	413,400
110	60.4	159.2	393,100	381,000
115	58.5	156.2	363,200	350,300 *
120	56.5	152.9	333,200 *	319,400 *
125	54.5	149.3	303,800 *	291,100 *
130	52.4	145.5	276,500 *	264,900 *
135	50.3	141.4	251,200 *	240,500 *
140	48.1	136.9	227,500 *	217,800 *
145	45.9	132.1	205,200 *	196,400 *
150	43.5	126.9	184,200 *	176,200 *
155	41.0	121.2	164,200 *	157,000 *
160	38.4	115.0	145,000 *	138,600 *
165	35.6	108.2	126,500 *	
170	32.6	100.6	108,500 *	
175	29.4	91.9	90,700 *	



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
1,395,100 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
200 ft. Boom				
55	81.0	205.6	834,600 *	798,300 *
60	79.6	204.6	817,600 *	783,200 *
65	78.1	203.6	757,300 *	736,800 *
70	76.6	202.4	703,700 *	684,500 *
75	75.2	201.1	655,700 *	637,700 *
80	73.7	199.6	612,500 *	595,500 *
85	72.2	198.0	573,300 *	557,400 *
90	70.6	196.2	537,600 *	522,600 *
95	69.1	194.3	505,000 *	490,900 *
100	67.6	192.3	467,600	452,600
105	66.0	190.0	430,000	416,200
110	64.4	187.6	396,600	383,500 *
115	62.8	185.1	366,700	353,400 *
120	61.2	182.3	339,800	325,800 *
125	59.5	179.4	314,200 *	300,400 *
130	57.8	176.3	289,700 *	276,800 *
135	56.1	172.9	266,900 *	254,900 *
140	54.3	169.3	245,600 *	234,400 *
145	52.5	165.5	225,600 *	215,200 *
150	50.7	161.4	206,700 *	197,100 *
155	48.8	157.1	188,900 *	180,000 *
160	46.8	152.4	171,900 *	163,700 *
165	44.8	147.4	155,800 *	148,200 *
170	42.7	142.1	140,300 *	133,400 *
175	40.5	136.3	125,400 *	119,100 *
180	38.2	130.0	111,000 *	105,300 *
185	35.8	123.2	97,000 *	
190	33.2	115.7	83,200 *	
195	30.4	107.4	69,600 *	
200	27.4	98.1	55,900 *	

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
225 ft. Boom				
60	80.7	230.1	701,100 *	664,400 *
65	79.5	229.1	688,000 *	652,600 *
70	78.2	228.1	675,100 *	640,900 *
75	76.8	226.9	652,200 *	629,300 *
80	75.5	225.6	609,200 *	591,600 *
85	74.2	224.2	570,200 *	550,500 *
90	72.9	222.7	529,200 *	504,700 *
95	71.5	221.0	486,900 *	464,400 *
100	70.2	219.2	449,300 *	428,400 *
105	68.8	217.2	415,500 *	396,100 *
110	67.4	215.2	384,900 *	366,900 *
115	66.0	212.9	357,000 *	340,200 *
120	64.6	210.6	331,400 *	315,700 *
125	63.2	208.1	307,800 *	293,100 *
130	61.8	205.4	286,000 *	272,200 *
135	60.3	202.5	265,600 *	252,700 *
140	58.8	199.5	246,600 *	234,500 *
145	57.3	196.3	228,700 *	217,400 *
150	55.8	192.9	211,900 *	201,300 *
155	54.2	189.3	196,000 *	186,000 *
160	52.6	185.5	180,900 *	171,600 *
165	51.0	181.5	166,600 *	157,800 *
170	49.3	177.2	152,900 *	144,700 *
175	47.6	172.7	139,800 *	132,200 *
180	45.8	167.8	127,200 *	120,100 *
185	44.0	162.7	115,100 *	108,500 *
190	42.1	157.2	103,300 *	97,200 *
195	40.1	151.3	91,900 *	86,300 *
200	38.1	145.0	80,800 *	75,700 *
205	35.9	138.2	70,000 *	
210	33.6	130.8	59,200 *	
215	31.2	122.8	48,600 *	
220	28.6	113.8	37,900 *	



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

1,395,100 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
250 ft. Boom				
65	80.5	254.6	592,500 *	555,900 *
70	79.4	253.6	582,100 *	546,800 *
75	78.2	252.6	571,800 *	537,700 *
80	77.0	251.4	561,500 *	528,600 *
85	75.8	250.2	530,900 *	503,800 *
90	74.6	248.8	487,700 *	462,900 *
95	73.4	247.3	449,800 *	426,900 *
100	72.2	245.7	416,100 *	394,900 *
105	71.0	244.0	385,900 *	366,100 *
110	69.8	242.1	358,600 *	340,100 *
115	68.6	240.2	333,700 *	316,400 *
120	67.3	238.1	310,900 *	294,700 *
125	66.1	235.9	289,900 *	274,700 *
130	64.8	233.5	270,400 *	256,200 *
135	63.5	231.0	252,300 *	238,900 *
140	62.2	228.4	235,400 *	222,700 *
145	60.9	225.6	219,500 *	207,600 *
150	59.6	222.7	204,600 *	193,300 *
155	58.3	219.6	190,500 *	179,900 *
160	56.9	216.4	177,100 *	167,100 *
165	55.5	212.9	164,400 *	154,900 *
170	54.1	209.3	152,300 *	143,400 *
175	52.6	205.5	140,700 *	132,300 *
180	51.2	201.5	129,600 *	121,700 *
185	49.7	197.3	119,000 *	111,500 *
190	48.1	192.8	108,700 *	101,700 *
195	46.6	188.1	98,800 *	92,200 *
200	45.0	183.2	89,200 *	83,000 *
205	43.3	177.9	79,900 *	74,100 *
210	41.6	172.3	70,800 *	65,400 *
215	39.8	166.4	61,900 *	57,000 *
220	37.9	160.0	53,200 *	48,700 *
225	36.0	153.2	44,700 *	
230	34.0	145.9	36,200 *	

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
275 ft. Boom				
70	80.3	279.1	514,100 *	491,400 *
75	79.3	278.1	514,100 *	491,000 *
80	78.2	277.1	514,100 *	486,800 *
85	77.1	275.9	486,600 *	459,400 *
90	76.1	274.7	447,300 *	422,300 *
95	75.0	273.3	412,900 *	389,700 *
100	73.9	271.9	382,400 *	360,900 *
105	72.8	270.4	355,000 *	335,000 *
110	71.7	268.7	330,400 *	311,700 *
115	70.6	266.9	308,000 *	290,400 *
120	69.5	265.1	287,600 *	271,100 *
125	68.4	263.1	268,700 *	253,200 *
130	67.3	261.0	251,300 *	236,700 *
135	66.1	258.8	235,100 *	221,300 *
140	65.0	256.4	219,900 *	206,900 *
145	63.8	254.0	205,800 *	193,500 *
150	62.6	251.4	192,400 *	180,800 *
155	61.4	248.7	179,900 *	168,800 *
160	60.2	245.8	168,000 *	157,500 *
165	59.0	242.8	156,700 *	146,700 *
170	57.8	239.7	145,900 *	136,500 *
175	56.6	236.4	135,700 *	126,700 *
180	55.3	232.9	125,900 *	117,400 *
185	54.0	229.3	116,400 *	108,400 *
190	52.7	225.5	107,400 *	99,800 *
195	51.4	221.5	98,700 *	91,500 *
200	50.0	217.4	90,300 *	83,500 *
205	48.6	213.0	82,100 *	75,700 *
210	47.2	208.4	74,200 *	68,200 *
215	45.8	203.5	66,600 *	60,800 *
220	44.3	198.4	59,100 *	53,700 *
225	42.7	193.1	51,800 *	46,800 *
230	41.2	187.4	44,700 *	39,900 *
235	39.5	181.4	37,600 *	33,300 *
240	37.8	175.0	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

1,395,100 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
300 ft. Boom				
75	80.2	303.6	411,600 *	389,000 *
80	79.2	302.6	411,600 *	389,000 *
85	78.2	301.6	411,600 *	389,000 *
90	77.3	300.4	411,600 *	387,700 *
95	76.3	299.2	380,700 *	357,400 *
100	75.3	297.9	352,200 *	330,500 *
105	74.3	296.5	326,800 *	306,600 *
110	73.3	295.0	303,900 *	285,000 *
115	72.3	293.4	283,200 *	265,400 *
120	71.3	291.7	264,200 *	247,500 *
125	70.3	289.9	246,900 *	231,100 *
130	69.2	288.0	230,800 *	216,000 *
135	68.2	286.0	216,000 *	201,900 *
140	67.2	283.9	202,100 *	188,800 *
145	66.1	281.7	189,200 *	176,500 *
150	65.1	279.4	177,000 *	165,000 *
155	64.0	276.9	165,600 *	154,200 *
160	63.0	274.4	154,800 *	143,900 *
165	61.9	271.7	144,600 *	134,200 *
170	60.8	268.9	134,800 *	125,000 *

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
300 ft. Boom				
175	59.7	266.0	125,500 *	116,200 *
180	58.5	263.0	116,700 *	107,700 *
185	57.4	259.8	108,200 *	99,700 *
190	56.3	256.4	100,100 *	91,900 *
195	55.1	253.0	92,200 *	84,500 *
200	53.9	249.3	84,700 *	77,300 *
205	52.7	245.5	77,400 *	70,400 *
210	51.5	241.6	70,400 *	63,700 *
215	50.3	237.4	63,600 *	57,200 *
220	49.0	233.1	57,000 *	50,900 *
225	47.7	228.6	50,500 *	44,800 *
230	46.4	223.8	44,200 *	38,800 *
235	45.1	218.9	38,100 *	32,900 *
240	43.7	213.7	32,100 *	



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

1,395,100 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
125 ft. Boom				
45	80.2	131.2	1,063,600 *	1,034,000 *
50	77.9	130.1	970,900 *	943,800 *
55	75.5	128.8	890,400 *	865,500 *
60	73.1	127.3	819,700 *	796,900 *
65	70.7	125.5	757,300 *	736,300 *
70	68.2	123.5	701,800 *	682,400 *
75	65.7	121.3	652,000 *	634,200 *
80	63.2	118.8	607,100 *	590,700 *
85	60.5	115.9	546,800 *	521,900 *
90	57.8	112.8	479,800 *	457,800 *
95	55.0	109.3	421,300 *	401,700 *
100	52.2	105.5	369,500 *	352,200 *
105	49.1	101.2	323,200 *	
110	46.0	96.4	281,300 *	
115	42.6	91.1	242,900 *	
150 ft. Boom				
50	79.9	155.6	966,200 *	938,300 *
55	78.0	154.6	886,800 *	861,200 *
60	76.0	153.3	817,300 *	793,700 *
65	74.0	151.9	755,900 *	734,000 *
70	72.0	150.3	701,200 *	680,900 *
75	70.0	148.5	652,200 *	633,400 *
80	67.9	146.4	608,000 *	590,500 *
85	65.9	144.2	568,000 *	551,800 *
90	63.7	141.7	531,600 *	516,600 *
95	61.6	139.0	490,400	472,600 *
100	59.3	136.1	442,900 *	423,300 *
105	57.1	132.9	397,000 *	379,300 *
110	54.7	129.3	355,800 *	339,700 *
115	52.3	125.5	318,400 *	303,900 *
120	49.8	121.3	284,200 *	
125	47.2	116.7	252,700 *	
130	44.5	111.7	223,500 *	
135	41.7	106.2	196,100 *	
175 ft. Boom				
55	79.7	180.1	882,100 *	856,400 *
60	78.1	179.1	813,400 *	789,500 *
65	76.4	177.9	752,600 *	730,400 *
70	74.7	176.5	698,500 *	677,900 *
75	73.0	175.0	650,100 *	630,800 *

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
175 ft. Boom				
80	71.2	173.3	606,400 *	588,400 *
85	69.5	171.4	566,900 *	550,000 *
90	67.7	169.3	530,900 *	515,100 *
95	65.9	167.1	496,900	479,800
100	64.1	164.7	454,400	438,800
105	62.3	162.1	417,000	402,700
110	60.4	159.2	383,800	370,000 *
115	58.5	156.2	353,000 *	336,600 *
120	56.5	152.9	321,100 *	306,100 *
125	54.5	149.3	291,800 *	278,000 *
130	52.4	145.5	264,700 *	252,100 *
135	50.3	141.4	239,500 *	
140	48.1	136.9	216,000 *	
145	45.9	132.1	193,900 *	
150	43.5	126.9	173,000 *	
200 ft. Boom				
55	81.0	205.6	824,800 *	785,100 *
60	79.6	204.6	808,200 *	770,000 *
65	78.1	203.6	748,400 *	725,800 *
70	76.6	202.4	694,800 *	673,700 *
75	75.2	201.1	646,800 *	627,100 *
80	73.7	199.6	603,600 *	585,000 *
85	72.2	198.0	564,400 *	547,000 *
90	70.6	196.2	528,800 *	512,400 *
95	69.1	194.3	496,200 *	479,000 *
100	67.6	192.3	458,600	438,900 *
105	66.0	190.0	421,200	402,800 *
110	64.4	187.6	387,900	370,200 *
115	62.8	185.1	357,900 *	340,400 *
120	61.2	182.3	329,400 *	313,100 *
125	59.5	179.4	303,100 *	287,900 *
130	57.8	176.3	278,700 *	264,600 *
135	56.1	172.9	256,000 *	242,900 *
140	54.3	169.3	234,800 *	222,700 *
145	52.5	165.5	214,900 *	203,700 *
150	50.7	161.4	196,200 *	
155	48.8	157.1	178,500 *	
160	46.8	152.4	161,600 *	
165	44.8	147.4	145,600 *	
170	42.7	142.1	130,200 *	



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
1,395,100 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
225 ft. Boom				
60	80.7	230.1	684,000 *	644,500 *
65	79.5	229.1	670,900 *	632,900 *
70	78.2	228.1	657,900 *	621,200 *
75	76.8	226.9	643,400 *	609,700 *
80	75.5	225.6	600,500 *	581,500 *
85	74.2	224.2	561,600 *	535,600 *
90	72.9	222.7	517,400 *	490,400 *
95	71.5	221.0	475,400 *	450,500 *
100	70.2	219.2	438,000 *	415,000 *
105	68.8	217.2	404,400 *	383,100 *
110	67.4	215.2	374,000 *	354,200 *
115	66.0	212.9	346,300 *	327,800 *
120	64.6	210.6	320,800 *	303,600 *
125	63.2	208.1	297,400 *	281,300 *
130	61.8	205.4	275,700 *	260,600 *
135	60.3	202.5	255,400 *	241,300 *
140	58.8	199.5	236,500 *	223,300 *
145	57.3	196.3	218,800 *	206,400 *
150	55.8	192.9	202,100 *	190,400 *
155	54.2	189.3	186,300 *	175,400 *
160	52.6	185.5	171,300 *	161,100 *
165	51.0	181.5	157,000 *	
170	49.3	177.2	143,400 *	
175	47.6	172.7	130,400 *	
180	45.8	167.8	117,900 *	
185	44.0	162.7	105,800 *	
190	42.1	157.2	94,100 *	

300 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
250 ft. Boom				
65	80.5	254.6	582,400 *	542,700 *
70	79.4	253.6	571,900 *	533,700 *
75	78.2	252.6	561,500 *	524,500 *
80	77.0	251.4	551,000 *	515,400 *
85	75.8	250.2	518,900 *	489,200 *
90	74.6	248.8	476,200 *	448,900 *
95	73.4	247.3	438,500 *	413,400 *
100	72.2	245.7	405,100 *	381,800 *
105	71.0	244.0	375,100 *	353,400 *
110	69.8	242.1	348,000 *	327,800 *
115	68.6	240.2	323,300 *	304,400 *
120	67.3	238.1	300,600 *	282,900 *
125	66.1	235.9	279,800 *	263,200 *
130	64.8	233.5	260,500 *	244,900 *
135	63.5	231.0	242,500 *	227,800 *
140	62.2	228.4	225,700 *	211,900 *
145	60.9	225.6	209,900 *	196,900 *
150	59.6	222.7	195,100 *	182,800 *
155	58.3	219.6	181,100 *	169,500 *
160	56.9	216.4	167,800 *	156,900 *
165	55.5	212.9	155,200 *	144,900 *
170	54.1	209.3	143,200 *	133,500 *
175	52.6	205.5	131,700 *	122,500 *
180	51.2	201.5	120,600 *	
185	49.7	197.3	110,100 *	
190	48.1	192.8	99,900 *	
195	46.6	188.1	90,000 *	
200	45.0	183.2	80,500 *	
205	43.3	177.9	71,200 *	
210	41.6	172.3	62,200 *	



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

1,395,100 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
275 ft. Boom				
70	80.3	279.1	504,600 *	467,800 *
75	79.3	278.1	504,600 *	461,900 *
80	78.2	277.1	504,600 *	456,000 *
85	77.1	275.9	474,800 *	445,000 *
90	76.1	274.7	435,900 *	408,500 *
95	75.0	273.3	401,800 *	376,400 *
100	73.9	271.9	371,500 *	348,000 *
105	72.8	270.4	344,500 *	322,500 *
110	71.7	268.7	320,000 *	299,500 *
115	70.6	266.9	297,800 *	278,600 *
120	69.5	265.1	277,600 *	259,600 *
125	68.4	263.1	258,900 *	242,000 *
130	67.3	261.0	241,600 *	225,600 *
135	66.1	258.8	225,500 *	210,500 *
140	65.0	256.4	210,500 *	196,300 *
145	63.8	254.0	196,500 *	183,000 *
150	62.6	251.4	183,200 *	170,500 *
155	61.4	248.7	170,800 *	158,700 *
160	60.2	245.8	159,000 *	147,600 *
165	59.0	242.8	147,800 *	136,900 *
170	57.8	239.7	137,100 *	126,800 *
175	56.6	236.4	126,900 *	117,200 *
180	55.3	232.9	117,200 *	108,000 *
185	54.0	229.3	107,800 *	99,100 *
190	52.7	225.5	98,900 *	90,600 *
195	51.4	221.5	90,200 *	
200	50.0	217.4	81,900 *	
205	48.6	213.0	73,800 *	
210	47.2	208.4	66,000 *	
215	45.8	203.5	58,300 *	
220	44.3	198.4	50,900 *	
225	42.7	193.1	43,700 *	

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
300 ft. Boom				
75	80.2	303.6	402,700 *	378,600 *
80	79.2	302.6	402,700 *	378,600 *
85	78.2	301.6	402,700 *	378,600 *
90	77.3	300.4	401,800 *	374,200 *
95	76.3	299.2	370,000 *	344,400 *
100	75.3	297.9	341,800 *	318,000 *
105	74.3	296.5	316,600 *	294,400 *
110	73.3	295.0	293,900 *	273,200 *
115	72.3	293.4	273,400 *	253,900 *
120	71.3	291.7	254,600 *	236,300 *
125	70.3	289.9	237,400 *	220,100 *
130	69.2	288.0	221,500 *	205,200 *
135	68.2	286.0	206,800 *	191,400 *
140	67.2	283.9	193,100 *	178,500 *
145	66.1	281.7	180,200 *	166,400 *
150	65.1	279.4	168,200 *	155,100 *
155	64.0	276.9	156,900 *	144,400 *
160	63.0	274.4	146,100 *	134,300 *
165	61.9	271.7	136,000 *	124,700 *
170	60.8	268.9	126,300 *	115,600 *
175	59.7	266.0	117,100 *	106,900 *
180	58.5	263.0	108,300 *	98,600 *
185	57.4	259.8	99,900 *	90,600 *
190	56.3	256.4	91,900 *	83,000 *
195	55.1	253.0	84,100 *	75,700 *
200	53.9	249.3	76,600 *	68,600 *
205	52.7	245.5	69,400 *	61,800 *
210	51.5	241.6	62,400 *	
215	50.3	237.4	55,700 *	
220	49.0	233.1	49,100 *	
225	47.7	228.6	42,700 *	
230	46.4	223.8	36,400 *	
235	45.1	218.9	30,400 *	