

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

LIFTING CAPACITIES: Lifting 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 (*).

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 luffing jib and 14,000 Lbs. suspended beneath luffing 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. During operation, luffing jib must be maintained at proper boom to luffing jib angle shown in table. Refer to luffing jib assembly **No. 178033**, Wire Rope Specification chart **No. 7930-A** and Luffing Jib Raising Procedure chart **No. 7929-A**. Crane operator judgment 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. 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, 14 part luffing jib hoist reeving, strap luffing jib supports and backstays, and 1,395,100 Lb. auxiliary counterweight.

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. 7926-A** for luffing jib capacities.

Luffing Jib Position During Operation	
Luffing Jib Length - Feet	Boom To Luffing Jib Angle
100	125 Degrees
120	135 Degrees
140 - 160	150 Degrees
180 - 200	160 Degrees
220 - 320	168 Degrees



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100 Ft. Luffing Jib, Attached At 125 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,177,300 *
45	80.2	131.2	1,075,100 *
50	77.9	130.1	987,300 *
55	75.5	128.8	911,100 *
60	73.1	127.3	844,300 *
65	70.7	125.5	785,200 *
70	68.2	123.5	732,700 *
75	65.7	121.3	685,600 *
80	63.2	118.8	643,300 *
85	60.5	115.9	604,900 *
90	57.8	112.8	548,900 *
95	55.0	109.3	491,600 *
150 Ft. BOOM			
45	81.9	156.5	1,066,400 *
50	79.9	155.6	979,200 *
55	78.0	154.6	903,400 *
60	76.0	153.3	837,000 *
65	74.0	151.9	778,300 *
70	72.0	150.3	726,100 *
75	70.0	148.5	679,400 *
80	67.9	146.4	637,300 *
85	65.9	144.2	599,100 *
90	63.7	141.7	564,400 *
95	61.6	139.0	532,700 *
100	59.3	136.1	491,900 *
105	57.1	132.9	455,100 *
175 Ft. BOOM			
50	81.4	181.1	950,900 *
55	79.7	180.1	894,900 *
60	78.1	179.1	828,900 *
65	76.4	177.9	770,500 *
70	74.7	176.5	718,600 *
75	73.0	175.0	672,100 *
80	71.2	173.3	630,200 *
85	69.5	171.4	592,300 *
90	67.7	169.3	557,800 *
95	65.9	167.1	526,200 *
100	64.1	164.7	490,800 *
105	62.3	162.1	453,900 *
110	60.4	159.2	421,100 *
115	58.5	156.2	391,700 *
120	56.5	152.9	365,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
50	82.5	206.3	827,400 *
55	81.0	205.6	827,200 *
60	79.6	204.6	820,000 *
65	78.1	203.6	762,000 *
70	76.6	202.4	710,400 *
75	75.2	201.1	664,200 *
80	73.7	199.6	622,600 *
85	72.2	198.0	584,900 *
90	70.6	196.2	550,600 *
95	69.1	194.3	519,300 *
100	67.6	192.3	488,900 *
105	66.0	190.0	452,000 *
110	64.4	187.6	419,100 *
115	62.8	185.1	389,700 *
120	61.2	182.3	363,300 *
125	59.5	179.4	339,400 *
130	57.8	176.3	317,700 *
135	56.1	172.9	297,900 *
225 Ft. BOOM			
55	82.0	230.9	703,900 *
60	80.7	230.1	696,500 *
65	79.5	229.1	688,900 *
70	78.2	228.1	680,900 *
75	76.8	226.9	656,800 *
80	75.5	225.6	615,400 *
85	74.2	224.2	577,900 *
90	72.9	222.7	543,700 *
95	71.5	221.0	506,900 *
100	70.2	219.2	470,400 *
105	68.8	217.2	437,600 *
110	67.4	215.2	407,900 *
115	66.0	212.9	380,800 *
120	64.6	210.6	355,900 *
125	63.2	208.1	333,000 *
130	61.8	205.4	311,800 *
135	60.3	202.5	292,000 *
140	58.8	199.5	273,500 *
145	57.3	196.3	256,100 *
150	55.8	192.9	239,800 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
55	82.8	256.1	598,600 *
60	81.7	255.4	594,200 *
65	80.5	254.6	589,300 *
70	79.4	253.6	583,700 *
75	78.2	252.6	577,900 *
80	77.0	251.4	571,900 *
85	75.8	250.2	545,900 *
90	74.6	248.8	504,100 *
95	73.4	247.3	467,300 *
100	72.2	245.7	434,600 *
105	71.0	244.0	405,200 *
110	69.8	242.1	378,700 *
115	68.6	240.2	354,500 *
120	67.3	238.1	332,400 *
125	66.1	235.9	311,900 *
130	64.8	233.5	293,000 *
135	63.5	231.0	275,400 *
140	62.2	228.4	258,900 *
145	60.9	225.6	243,500 *
150	59.6	222.7	228,900 *
155	58.3	219.6	215,200 *
160	56.9	216.4	202,200 *
165	55.5	212.9	189,800 *

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Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

100 Ft. Luffing Jib, Attached At 125 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
60	82.4	280.7	498,400 *
65	81.4	279.9	496,000 *
70	80.3	279.1	493,000 *
75	79.3	278.1	489,200 *
80	78.2	277.1	485,200 *
85	77.1	275.9	480,900 *
90	76.1	274.7	463,100 *
95	75.0	273.3	429,400 *
100	73.9	271.9	399,600 *
105	72.8	270.4	372,800 *
110	71.7	268.7	348,700 *
115	70.6	266.9	326,800 *
120	69.5	265.1	306,800 *
125	68.4	263.1	288,400 *
130	67.3	261.0	271,300 *
135	66.1	258.8	255,400 *
140	65.0	256.4	240,600 *
145	63.8	254.0	226,700 *
150	62.6	251.4	213,600 *
155	61.4	248.7	201,300 *
160	60.2	245.8	189,600 *
165	59.0	242.8	178,500 *
170	57.8	239.7	168,000 *
175	56.6	236.4	157,900 *
180	55.3	232.9	148,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
65	82.1	305.2	419,200 *
70	81.1	304.4	418,200 *
75	80.2	303.6	416,600 *
80	79.2	302.6	414,200 *
85	78.2	301.6	411,500 *
90	77.3	300.4	408,400 *
95	76.3	299.2	394,300 *
100	75.3	297.9	366,500 *
105	74.3	296.5	341,700 *
110	73.3	295.0	319,300 *
115	72.3	293.4	299,100 *
120	71.3	291.7	280,600 *
125	70.3	289.9	263,600 *
130	69.2	288.0	248,000 *
135	68.2	286.0	233,400 *
140	67.2	283.9	219,900 *
145	66.1	281.7	207,200 *
150	65.1	279.4	195,400 *
155	64.0	276.9	184,200 *
160	63.0	274.4	173,600 *
165	61.9	271.7	163,600 *
170	60.8	268.9	154,000 *
175	59.7	266.0	144,900 *
180	58.5	263.0	136,300 *
185	57.4	259.8	128,000 *
190	56.3	256.4	120,000 *
195	55.1	253.0	112,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
325 Ft. BOOM			
65	82.7	330.5	327,000 *
70	81.8	329.7	327,000 *
75	80.9	328.9	327,000 *
80	80.0	328.1	327,000 *
85	79.1	327.1	327,000 *
90	78.2	326.1	327,000 *
95	77.3	324.9	327,000 *
100	76.4	323.7	327,000 *
105	75.5	322.4	313,400 *
110	74.6	321.1	292,400 *
115	73.7	319.6	273,600 *
120	72.8	318.0	256,300 *
125	71.8	316.4	240,400 *
130	70.9	314.7	225,900 *
135	70.0	312.9	212,400 *
140	69.0	310.9	199,800 *
145	68.1	308.9	188,100 *
150	67.1	306.8	177,100 *
155	66.2	304.6	166,800 *
160	65.2	302.3	157,100 *
165	64.2	299.9	147,900 *
170	63.2	297.4	139,100 *
175	62.2	294.7	130,800 *
180	61.2	292.0	122,900 *
185	60.2	289.1	115,300 *
190	59.2	286.2	108,100 *
195	58.1	283.1	101,100 *
200	57.1	279.8	94,400 *
205	56.0	276.5	87,900 *



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360 Degree Rating

120 Ft. Luffing Jib, Attached At 135 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,162,700 *
45	80.2	131.2	1,060,200 *
50	77.9	130.1	972,200 *
55	75.5	128.8	895,800 *
60	73.1	127.3	828,800 *
65	70.7	125.5	769,600 *
70	68.2	123.5	716,900 *
75	65.7	121.3	669,700 *
80	63.2	118.8	627,300 *
85	60.5	115.9	588,800 *
90	57.8	112.8	527,700 *
95	55.0	109.3	470,600 *
100	52.2	105.5	420,200 *
105	49.1	101.2	375,000 *
110	46.0	96.4	334,200 *
150 Ft. BOOM			
45	81.9	156.5	1,052,000 *
50	79.9	155.6	964,600 *
55	78.0	154.6	888,700 *
60	76.0	153.3	822,200 *
65	74.0	151.9	763,500 *
70	72.0	150.3	711,200 *
75	70.0	148.5	664,400 *
80	67.9	146.4	622,200 *
85	65.9	144.2	584,000 *
90	63.7	141.7	549,300 *
95	61.6	139.0	517,600 *
100	59.3	136.1	477,600 *
105	57.1	132.9	436,900 *
110	54.7	129.3	396,600 *
115	52.3	125.5	359,900 *
120	49.8	121.3	326,500 *
125	47.2	116.7	295,700 *
175 Ft. BOOM			
50	81.4	181.1	936,700 *
55	79.7	180.1	880,800 *
60	78.1	179.1	814,600 *
65	76.4	177.9	756,200 *
70	74.7	176.5	704,300 *
75	73.0	175.0	657,700 *
80	71.2	173.3	615,800 *
85	69.5	171.4	577,900 *
90	67.7	169.3	543,300 *
95	65.9	167.1	511,800 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
175 Ft. BOOM			
100	64.1	164.7	477,400
105	62.3	162.1	440,600
110	60.4	159.2	407,900
115	58.5	156.2	378,700
120	56.5	152.9	352,400
125	54.5	149.3	325,400 *
130	52.4	145.5	298,900 *
135	50.3	141.4	274,300 *
140	48.1	136.9	251,300 *
145	45.9	132.1	229,600 *
200 Ft. BOOM			
50	82.5	206.3	814,700 *
55	81.0	205.6	814,000 *
60	79.6	204.6	806,200 *
65	78.1	203.6	748,200 *
70	76.6	202.4	696,600 *
75	75.2	201.1	650,300 *
80	73.7	199.6	608,700 *
85	72.2	198.0	571,000 *
90	70.6	196.2	536,700 *
95	69.1	194.3	505,400 *
100	67.6	192.3	476,100
105	66.0	190.0	439,300
110	64.4	187.6	406,600
115	62.8	185.1	377,300
120	61.2	182.3	351,000
125	59.5	179.4	327,200
130	57.8	176.3	305,500 *
135	56.1	172.9	283,400 *
140	54.3	169.3	262,700 *
145	52.5	165.5	243,300 *
150	50.7	161.4	225,000 *
155	48.8	157.1	207,700 *
160	46.8	152.4	191,200 *
225 Ft. BOOM			
55	82.0	230.9	691,200 *
60	80.7	230.1	683,700 *
65	79.5	229.1	675,700 *
70	78.2	228.1	667,500 *
75	76.8	226.9	643,300 *
80	75.5	225.6	601,900 *
85	74.2	224.2	564,400 *
90	72.9	222.7	530,300 *
95	71.5	221.0	490,200 *
100	70.2	219.2	453,900 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
225 Ft. BOOM			
105	68.8	217.2	421,300 *
110	67.4	215.2	391,700 *
115	66.0	212.9	364,800 *
120	64.6	210.6	340,100 *
125	63.2	208.1	317,300 *
130	61.8	205.4	296,200 *
135	60.3	202.5	276,500 *
140	58.8	199.5	258,100 *
145	57.3	196.3	240,900 *
150	55.8	192.9	224,600 *
155	54.2	189.3	209,200 *
160	52.6	185.5	194,700 *
165	51.0	181.5	180,800 *
170	49.3	177.2	167,500 *
175	47.6	172.7	154,900 *
180	45.8	167.8	142,700 *
250 Ft. BOOM			
55	82.8	256.1	586,200 *
60	81.7	255.4	581,600 *
65	80.5	254.6	576,500 *
70	79.4	253.6	570,700 *
75	78.2	252.6	564,800 *
80	77.0	251.4	558,600 *
85	75.8	250.2	529,200 *
90	74.6	248.8	487,700 *
95	73.4	247.3	451,100 *
100	72.2	245.7	418,600 *
105	71.0	244.0	389,500 *
110	69.8	242.1	363,100 *
115	68.6	240.2	339,100 *
120	67.3	238.1	317,100 *
125	66.1	235.9	296,800 *
130	64.8	233.5	278,000 *
135	63.5	231.0	260,500 *
140	62.2	228.4	244,100 *
145	60.9	225.6	228,700 *
150	59.6	222.7	214,300 *
155	58.3	219.6	200,600 *
160	56.9	216.4	187,700 *
165	55.5	212.9	175,400 *
170	54.1	209.3	163,700 *
175	52.6	205.5	152,500 *
180	51.2	201.5	141,700 *
185	49.7	197.3	131,400 *
190	48.1	192.8	121,500 *
195	46.6	188.1	111,900 *

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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
60	82.4	280.7	486,300 *
65	81.4	279.9	483,700 *
70	80.3	279.1	480,500 *
75	79.3	278.1	476,600 *
80	78.2	277.1	472,400 *
85	77.1	275.9	468,000 *
90	76.1	274.7	447,200 *
95	75.0	273.3	413,700 *
100	73.9	271.9	384,100 *
105	72.8	270.4	357,500 *
110	71.7	268.7	333,500 *
115	70.6	266.9	311,800 *
120	69.5	265.1	292,000 *
125	68.4	263.1	273,600 *
130	67.3	261.0	256,700 *
135	66.1	258.8	240,900 *
140	65.0	256.4	226,200 *
145	63.8	254.0	212,400 *
150	62.6	251.4	199,400 *
155	61.4	248.7	187,100 *
160	60.2	245.8	175,500 *
165	59.0	242.8	164,500 *
170	57.8	239.7	154,100 *
175	56.6	236.4	144,100 *
180	55.3	232.9	134,500 *
185	54.0	229.3	125,300 *
190	52.7	225.5	116,500 *
195	51.4	221.5	108,000 *
200	50.0	217.4	99,800 *
205	48.6	213.0	91,900 *
210	47.2	208.4	84,200 *
215	45.8	203.5	76,700 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
65	82.1	305.2	407,200 *
70	81.1	304.4	406,000 *
75	80.2	303.6	404,300 *
80	79.2	302.6	401,800 *
85	78.2	301.6	399,100 *
90	77.3	300.4	395,700 *
95	76.3	299.2	379,000 *
100	75.3	297.9	351,400 *
105	74.3	296.5	326,800 *
110	73.3	295.0	304,600 *
115	72.3	293.4	284,500 *
120	71.3	291.7	266,100 *
125	70.3	289.9	249,300 *
130	69.2	288.0	233,700 *
135	68.2	286.0	219,300 *
140	67.2	283.9	205,900 *
145	66.1	281.7	193,300 *
150	65.1	279.4	181,500 *
155	64.0	276.9	170,400 *
160	63.0	274.4	159,900 *
165	61.9	271.7	149,900 *
170	60.8	268.9	140,500 *
175	59.7	266.0	131,500 *
180	58.5	263.0	122,800 *
185	57.4	259.8	114,600 *
190	56.3	256.4	106,700 *
195	55.1	253.0	99,000 *
200	53.9	249.3	91,700 *
205	52.7	245.5	84,600 *
210	51.5	241.6	77,800 *
215	50.3	237.4	71,100 *
220	49.0	233.1	64,700 *
225	47.7	228.6	58,400 *
230	46.4	223.8	52,300 *
235	45.1	218.9	46,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
325 Ft. BOOM			
65	82.7	330.5	315,100 *
70	81.8	329.7	315,100 *
75	80.9	328.9	315,100 *
80	80.0	328.1	315,100 *
85	79.1	327.1	315,100 *
90	78.2	326.1	315,100 *
95	77.3	324.9	315,100 *
100	76.4	323.7	315,100 *
105	75.5	322.4	298,700 *
110	74.6	321.1	277,900 *
115	73.7	319.6	259,300 *
120	72.8	318.0	242,100 *
125	71.8	316.4	226,400 *
130	70.9	314.7	211,900 *
135	70.0	312.9	198,500 *
140	69.0	310.9	186,100 *
145	68.1	308.9	174,500 *
150	67.1	306.8	163,600 *
155	66.2	304.6	153,300 *
160	65.2	302.3	143,700 *
165	64.2	299.9	134,500 *
170	63.2	297.4	125,800 *
175	62.2	294.7	117,600 *
180	61.2	292.0	109,700 *
185	60.2	289.1	102,200 *
190	59.2	286.2	95,000 *
195	58.1	283.1	88,100 *
200	57.1	279.8	81,500 *
205	56.0	276.5	75,000 *
210	55.0	273.0	68,900 *
215	53.9	269.3	62,900 *
220	52.8	265.5	57,100 *
225	51.6	261.6	51,400 *
230	50.5	257.5	46,000 *
235	49.3	253.2	40,600 *
240	48.2	248.7	35,500 *
245	47.0	244.1	30,400 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

140 Ft. Luffing Jib, Attached At 150 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,160,600 *
45	80.2	131.2	1,056,500 *
50	77.9	130.1	967,100 *
55	75.5	128.8	889,400 *
60	73.1	127.3	821,400 *
65	70.7	125.5	761,200 *
70	68.2	123.5	707,600 *
75	65.7	121.3	659,700 *
80	63.2	118.8	616,400 *
85	60.5	115.9	577,300 *
90	57.8	112.8	512,700 *
95	55.0	109.3	454,900 *
100	52.2	105.5	403,800 *
105	49.1	101.2	358,000 *
110	46.0	96.4	316,600 *
115	42.6	91.1	278,700 *
120	39.0	85.0	243,600 *
125	35.1	78.1	210,600 *
130	30.7	70.0	178,900 *
150 Ft. BOOM			
45	81.9	156.5	1,049,200 *
50	79.9	155.6	960,500 *
55	78.0	154.6	883,500 *
60	76.0	153.3	816,100 *
65	74.0	151.9	756,400 *
70	72.0	150.3	703,400 *
75	70.0	148.5	655,800 *
80	67.9	146.4	613,000 *
85	65.9	144.2	574,200 *
90	63.7	141.7	538,900 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
150 Ft. BOOM			
95	61.6	139.0	506,700 *
100	59.3	136.1	467,600 *
105	57.1	132.9	423,000 *
110	54.7	129.3	382,100 *
115	52.3	125.5	345,000 *
120	49.8	121.3	311,100 *
125	47.2	116.7	279,900 *
130	44.5	111.7	251,000 *
135	41.7	106.2	223,900 *
140	38.7	100.0	198,400 *
145	35.4	93.2	174,000 *
150	31.9	85.3	150,500 *
175 Ft. BOOM			
50	81.4	181.1	941,800 *
55	79.7	180.1	876,400 *
60	78.1	179.1	809,300 *
65	76.4	177.9	750,100 *
70	74.7	176.5	697,500 *
75	73.0	175.0	650,300 *
80	71.2	173.3	607,700 *
85	69.5	171.4	569,200 *
90	67.7	169.3	534,200 *
95	65.9	167.1	502,200 *
100	64.1	164.7	468,900 *
105	62.3	162.1	431,700 *
110	60.4	159.2	398,700 *
115	58.5	156.2	369,100 *
120	56.5	152.9	340,900 *
125	54.5	149.3	311,900 *
130	52.4	145.5	285,100 *
135	50.3	141.4	260,100 *
140	48.1	136.9	236,800 *
145	45.9	132.1	214,900 *
150	43.5	126.9	194,100 *
155	41.0	121.2	174,400 *
160	38.4	115.0	155,600 *
165	35.6	108.2	137,400 *
170	32.6	100.6	119,700 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
50	82.5	206.3	821,500 *
55	81.0	205.6	819,600 *
60	79.6	204.6	801,500 *
65	78.1	203.6	742,800 *
70	76.6	202.4	690,500 *
75	75.2	201.1	643,600 *
80	73.7	199.6	601,500 *
85	72.2	198.0	563,300 *
90	70.6	196.2	528,500 *
95	69.1	194.3	496,700 *
100	67.6	192.3	467,600 *
105	66.0	190.0	431,500 *
110	64.4	187.6	398,500 *
115	62.8	185.1	368,900 *
120	61.2	182.3	342,300 *
125	59.5	179.4	317,400 *
130	57.8	176.3	293,300 *
135	56.1	172.9	270,800 *
140	54.3	169.3	249,900 *
145	52.5	165.5	230,200 *
150	50.7	161.4	211,600 *
155	48.8	157.1	194,100 *
160	46.8	152.4	177,500 *
165	44.8	147.4	161,600 *
170	42.7	142.1	146,400 *
175	40.5	136.3	131,700 *
180	38.2	130.0	117,600 *
185	35.8	123.2	103,800 *
190	33.2	115.7	90,300 *
195	30.4	107.4	76,900 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

140 Ft. Luffing Jib, Attached At 150 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
225 Ft. BOOM			
55	82.0	230.9	695,100 *
60	80.7	230.1	686,400 *
65	79.5	229.1	677,300 *
70	78.2	228.1	668,200 *
75	76.8	226.9	637,200 *
80	75.5	225.6	595,300 *
85	74.2	224.2	557,300 *
90	72.9	222.7	522,700 *
95	71.5	221.0	482,000 *
100	70.2	219.2	445,100 *
105	68.8	217.2	412,000 *
110	67.4	215.2	382,100 *
115	66.0	212.9	354,700 *
120	64.6	210.6	329,700 *
125	63.2	208.1	306,600 *
130	61.8	205.4	285,100 *
135	60.3	202.5	265,200 *
140	58.8	199.5	246,500 *
145	57.3	196.3	229,000 *
150	55.8	192.9	212,600 *
155	54.2	189.3	197,000 *
160	52.6	185.5	182,200 *
165	51.0	181.5	168,100 *
170	49.3	177.2	154,700 *
175	47.6	172.7	141,900 *
180	45.8	167.8	129,500 *
185	44.0	162.7	117,600 *
190	42.1	157.2	106,100 *
195	40.1	151.3	95,000 *
200	38.1	145.0	84,100 *
205	35.9	138.2	73,400 *
210	33.6	130.8	62,900 *
215	31.2	122.8	52,500 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
55	82.8	256.1	592,200 *
60	81.7	255.4	586,300 *
65	80.5	254.6	580,000 *
70	79.4	253.6	573,200 *
75	78.2	252.6	566,400 *
80	77.0	251.4	559,300 *
85	75.8	250.2	523,200 *
90	74.6	248.8	481,000 *
95	73.4	247.3	443,800 *
100	72.2	245.7	410,800 *
105	71.0	244.0	381,100 *
110	69.8	242.1	354,300 *
115	68.6	240.2	329,900 *
120	67.3	238.1	307,600 *
125	66.1	235.9	286,900 *
130	64.8	233.5	267,800 *
135	63.5	231.0	250,100 *
140	62.2	228.4	233,500 *
145	60.9	225.6	217,900 *
150	59.6	222.7	203,200 *
155	58.3	219.6	189,400 *
160	56.9	216.4	176,200 *
165	55.5	212.9	163,700 *
170	54.1	209.3	151,900 *
175	52.6	205.5	140,500 *
180	51.2	201.5	129,600 *
185	49.7	197.3	119,100 *
190	48.1	192.8	109,000 *
195	46.6	188.1	99,300 *
200	45.0	183.2	89,900 *
205	43.3	177.9	80,700 *
210	41.6	172.3	71,800 *
215	39.8	166.4	63,100 *
220	37.9	160.0	54,500 *
225	36.0	153.2	46,100 *
230	34.0	145.9	37,800 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
60	82.4	280.7	492,800 *
65	81.4	279.9	489,000 *
70	80.3	279.1	484,800 *
75	79.3	278.1	479,900 *
80	78.2	277.1	474,800 *
85	77.1	275.9	469,600 *
90	76.1	274.7	441,100 *
95	75.0	273.3	407,100 *
100	73.9	271.9	376,900 *
105	72.8	270.4	349,900 *
110	71.7	268.7	325,500 *
115	70.6	266.9	303,400 *
120	69.5	265.1	283,200 *
125	68.4	263.1	264,600 *
130	67.3	261.0	247,300 *
135	66.1	258.8	231,300 *
140	65.0	256.4	216,300 *
145	63.8	254.0	202,300 *
150	62.6	251.4	189,100 *
155	61.4	248.7	176,700 *
160	60.2	245.8	164,900 *
165	59.0	242.8	153,700 *
170	57.8	239.7	143,100 *
175	56.6	236.4	132,900 *
180	55.3	232.9	123,200 *
185	54.0	229.3	113,900 *
190	52.7	225.5	104,900 *
195	51.4	221.5	96,300 *
200	50.0	217.4	88,000 *
205	48.6	213.0	79,900 *
210	47.2	208.4	72,100 *
215	45.8	203.5	64,500 *
220	44.3	198.4	57,100 *
225	42.7	193.1	49,900 *
230	41.2	187.4	42,800 *
235	39.5	181.4	35,900 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A

Luffing Jib No. 49A-44

45 Ft. RINGER Attachment on Screw Jack Pedestals

1,395,100 Lb. Auxiliary Counterweight

360 Degree Rating

140 Ft. Luffing Jib, Attached At 150 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
65	82.1	305.2	410,800 *
70	81.1	304.4	410,800 *
75	80.2	303.6	409,300 *
80	79.2	302.6	405,800 *
85	78.2	301.6	402,200 *
90	77.3	300.4	398,300 *
95	76.3	299.2	373,000 *
100	75.3	297.9	344,800 *
105	74.3	296.5	319,800 *
110	73.3	295.0	297,200 *
115	72.3	293.4	276,700 *
120	71.3	291.7	258,000 *
125	70.3	289.9	240,900 *
130	69.2	288.0	225,000 *
135	68.2	286.0	210,300 *
140	67.2	283.9	196,700 *
145	66.1	281.7	183,900 *
150	65.1	279.4	171,900 *
155	64.0	276.9	160,600 *
160	63.0	274.4	149,900 *
165	61.9	271.7	139,800 *
170	60.8	268.9	130,100 *
175	59.7	266.0	121,000 *
180	58.5	263.0	112,200 *
185	57.4	259.8	103,800 *
190	56.3	256.4	95,800 *
195	55.1	253.0	88,000 *
200	53.9	249.3	80,600 *
205	52.7	245.5	73,400 *
210	51.5	241.6	66,400 *
215	50.3	237.4	59,700 *
220	49.0	233.1	53,100 *
225	47.7	228.6	46,800 *
230	46.4	223.8	40,500 *
235	45.1	218.9	34,500 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
325 Ft. BOOM			
65	82.7	330.5	318,900 *
70	81.8	329.7	318,900 *
75	80.9	328.9	318,900 *
80	80.0	328.1	318,900 *
85	79.1	327.1	318,900 *
90	78.2	326.1	318,900 *
95	77.3	324.9	318,900 *
100	76.4	323.7	315,800 *
105	75.5	322.4	292,200 *
110	74.6	321.1	271,000 *
115	73.7	319.6	252,000 *
120	72.8	318.0	234,500 *
125	71.8	316.4	218,500 *
130	70.9	314.7	203,700 *
135	70.0	312.9	190,100 *
140	69.0	310.9	177,400 *
145	68.1	308.9	165,600 *
150	67.1	306.8	154,500 *
155	66.2	304.6	144,000 *
160	65.2	302.3	134,200 *
165	64.2	299.9	124,900 *
170	63.2	297.4	116,100 *
175	62.2	294.7	107,700 *
180	61.2	292.0	99,700 *
185	60.2	289.1	92,000 *
190	59.2	286.2	84,700 *
195	58.1	283.1	77,700 *
200	57.1	279.8	70,900 *
205	56.0	276.5	64,400 *
210	55.0	273.0	58,100 *
215	53.9	269.3	52,000 *
220	52.8	265.5	46,100 *
225	51.6	261.6	40,400 *
230	50.5	257.5	34,800 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A

Luffing Jib No. 49A-44

45 Ft. RINGER Attachment on Screw Jack Pedestals

1,395,100 Lb. Auxiliary Counterweight

360 Degree Rating

140 Ft. Luffing Jib, Attached At 150 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
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REFERENCE ONLY!

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

160 Ft. Luffing Jib, Attached At 150 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,141,000 *
45	80.2	131.2	1,037,300 *
50	77.9	130.1	948,200 *
55	75.5	128.8	870,800 *
60	73.1	127.3	803,000 *
65	70.7	125.5	743,100 *
70	68.2	123.5	689,800 *
75	65.7	121.3	642,100 *
80	63.2	118.8	599,100 *
85	60.5	115.9	554,200 *
90	57.8	112.8	489,000 *
95	55.0	109.3	432,000 *
100	52.2	105.5	381,600 *
105	49.1	101.2	336,500 *
110	46.0	96.4	295,800 *
115	42.6	91.1	258,500 *
120	39.0	85.0	224,000 *
125	35.1	78.1	191,500 *
130	30.7	70.0	160,400 *
150 Ft. BOOM			
45	81.9	156.5	1,030,400 *
50	79.9	155.6	942,100 *
55	78.0	154.6	865,500 *
60	76.0	153.3	798,400 *
65	74.0	151.9	739,000 *
70	72.0	150.3	686,300 *
75	70.0	148.5	639,000 *
80	67.9	146.4	596,400 *
85	65.9	144.2	557,800 *
90	63.7	141.7	522,700 *
95	61.6	139.0	490,700 *
100	59.3	136.1	447,300 *
105	57.1	132.9	402,400 *
110	54.7	129.3	362,100 *
115	52.3	125.5	325,600 *
120	49.8	121.3	292,200 *
125	47.2	116.7	261,400 *
130	44.5	111.7	232,900 *
135	41.7	106.2	206,300 *
140	38.7	100.0	181,100 *
145	35.4	93.2	157,200 *
150	31.9	85.3	134,000 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
175 Ft. BOOM			
50	81.4	181.1	921,100 *
55	79.7	180.1	858,700 *
60	78.1	179.1	792,100 *
65	76.4	177.9	733,200 *
70	74.7	176.5	680,800 *
75	73.0	175.0	633,900 *
80	71.2	173.3	591,600 *
85	69.5	171.4	553,400 *
90	67.7	169.3	518,500 *
95	65.9	167.1	486,700 *
100	64.1	164.7	453,700 *
105	62.3	162.1	417,000 *
110	60.4	159.2	384,300 *
115	58.5	156.2	353,800 *
120	56.5	152.9	322,600 *
125	54.5	149.3	294,000 *
130	52.4	145.5	267,600 *
135	50.3	141.4	243,000 *
140	48.1	136.9	220,000 *
145	45.9	132.1	198,400 *
150	43.5	126.9	178,000 *
155	41.0	121.2	158,600 *
160	38.4	115.0	140,000 *
165	35.6	108.2	122,200 *
170	32.6	100.6	104,700 *
200 Ft. BOOM			
50	82.5	206.3	801,800 *
55	81.0	205.6	799,800 *
60	79.6	204.6	784,600 *
65	78.1	203.6	726,200 *
70	76.6	202.4	674,200 *
75	75.2	201.1	627,700 *
80	73.7	199.6	585,800 *
85	72.2	198.0	547,800 *
90	70.6	196.2	513,300 *
95	69.1	194.3	481,700 *
100	67.6	192.3	452,800 *
105	66.0	190.0	417,200 *
110	64.4	187.6	383,900 *
115	62.8	185.1	353,500 *
120	61.2	182.3	325,700 *
125	59.5	179.4	300,100 *
130	57.8	176.3	276,300 *
135	56.1	172.9	254,200 *
140	54.3	169.3	233,600 *
145	52.5	165.5	214,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
150	50.7	161.4	195,900 *
155	48.8	157.1	178,700 *
160	46.8	152.4	162,300 *
165	44.8	147.4	146,600 *
170	42.7	142.1	131,600 *
175	40.5	136.3	117,200 *
180	38.2	130.0	103,300 *
185	35.8	123.2	89,800 *
190	33.2	115.7	76,500 *
195	30.4	107.4	63,300 *
225 Ft. BOOM			
55	82.0	230.9	676,600 *
60	80.7	230.1	668,100 *
65	79.5	229.1	659,300 *
70	78.2	228.1	650,300 *
75	76.8	226.9	621,400 *
80	75.5	225.6	579,700 *
85	74.2	224.2	542,000 *
90	72.9	222.7	502,900 *
95	71.5	221.0	462,200 *
100	70.2	219.2	426,000 *
105	68.8	217.2	393,500 *
110	67.4	215.2	364,000 *
115	66.0	212.9	337,100 *
120	64.6	210.6	312,500 *
125	63.2	208.1	289,700 *
130	61.8	205.4	268,700 *
135	60.3	202.5	249,100 *
140	58.8	199.5	230,700 *
145	57.3	196.3	213,500 *
150	55.8	192.9	197,300 *
155	54.2	189.3	181,900 *
160	52.6	185.5	167,400 *
165	51.0	181.5	153,500 *
170	49.3	177.2	140,300 *
175	47.6	172.7	127,700 *
180	45.8	167.8	115,500 *
185	44.0	162.7	103,800 *
190	42.1	157.2	92,500 *
195	40.1	151.3	81,500 *
200	38.1	145.0	70,800 *
205	35.9	138.2	60,400 *
210	33.6	130.8	50,000 *
215	31.2	122.8	39,800 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

160 Ft. Luffing Jib, Attached At 150 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
55	82.8	256.1	573,100 *
60	81.7	255.4	567,600 *
65	80.5	254.6	561,600 *
70	79.4	253.6	555,000 *
75	78.2	252.6	548,300 *
80	77.0	251.4	541,400 *
85	75.8	250.2	502,300 *
90	74.6	248.8	460,900 *
95	73.4	247.3	424,500 *
100	72.2	245.7	392,100 *
105	71.0	244.0	363,000 *
110	69.8	242.1	336,700 *
115	68.6	240.2	312,700 *
120	67.3	238.1	290,800 *
125	66.1	235.9	270,500 *
130	64.8	233.5	251,800 *
135	63.5	231.0	234,300 *
140	62.2	228.4	218,000 *
145	60.9	225.6	202,700 *
150	59.6	222.7	188,300 *
155	58.3	219.6	174,600 *
160	56.9	216.4	161,700 *
165	55.5	212.9	149,500 *
170	54.1	209.3	137,800 *
175	52.6	205.5	126,600 *
180	51.2	201.5	115,900 *
185	49.7	197.3	105,600 *
190	48.1	192.8	95,700 *
195	46.6	188.1	86,100 *
200	45.0	183.2	76,800 *
205	43.3	177.9	67,800 *
210	41.6	172.3	59,000 *
215	39.8	166.4	50,500 *
220	37.9	160.0	42,100 *
225	36.0	153.2	33,800 *
275 Ft. BOOM			
60	82.4	280.7	473,900 *
65	81.4	279.9	470,400 *
70	80.3	279.1	466,400 *
75	79.3	278.1	461,800 *
80	78.2	277.1	456,900 *
85	77.1	275.9	451,800 *
90	76.1	274.7	421,400 *
95	75.0	273.3	388,100 *
100	73.9	271.9	358,500 *
105	72.8	270.4	332,100 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
110	71.7	268.7	308,200 *
115	70.6	266.9	286,500 *
120	69.5	265.1	266,700 *
125	68.4	263.1	248,500 *
130	67.3	261.0	231,500 *
135	66.1	258.8	215,800 *
140	65.0	256.4	201,100 *
145	63.8	254.0	187,400 *
150	62.6	251.4	174,400 *
155	61.4	248.7	162,200 *
160	60.2	245.8	150,700 *
165	59.0	242.8	139,700 *
170	57.8	239.7	129,200 *
175	56.6	236.4	119,300 *
180	55.3	232.9	109,700 *
185	54.0	229.3	100,600 *
190	52.7	225.5	91,800 *
195	51.4	221.5	83,300 *
200	50.0	217.4	75,100 *
205	48.6	213.0	67,200 *
210	47.2	208.4	59,500 *
215	45.8	203.5	52,100 *
220	44.3	198.4	44,800 *
225	42.7	193.1	37,700 *
230	41.2	187.4	30,800 *
300 Ft. BOOM			
65	82.1	305.2	388,200 *
70	81.1	304.4	386,300 *
75	80.2	303.6	383,800 *
80	79.2	302.6	380,700 *
85	78.2	301.6	377,400 *
90	77.3	300.4	373,400 *
95	76.3	299.2	354,300 *
100	75.3	297.9	326,800 *
105	74.3	296.5	302,200 *
110	73.3	295.0	280,100 *
115	72.3	293.4	260,100 *
120	71.3	291.7	241,800 *
125	70.3	289.9	225,000 *
130	69.2	288.0	209,500 *
135	68.2	286.0	195,100 *
140	67.2	283.9	181,800 *
145	66.1	281.7	169,200 *
150	65.1	279.4	157,500 *
155	64.0	276.9	146,400 *
160	63.0	274.4	135,900 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
165	61.9	271.7	126,000 *
170	60.8	268.9	116,600 *
175	59.7	266.0	107,600 *
180	58.5	263.0	99,000 *
185	57.4	259.8	90,800 *
190	56.3	256.4	82,900 *
195	55.1	253.0	75,300 *
200	53.9	249.3	68,000 *
205	52.7	245.5	60,900 *
210	51.5	241.6	54,100 *
215	50.3	237.4	47,400 *
220	49.0	233.1	41,000 *
225	47.7	228.6	34,700 *
325 Ft. BOOM			
65	82.7	330.5	301,600 *
70	81.8	329.7	301,600 *
75	80.9	328.9	301,600 *
80	80.0	328.1	301,600 *
85	79.1	327.1	301,600 *
90	78.2	326.1	301,600 *
95	77.3	324.9	301,600 *
100	76.4	323.7	298,000 *
105	75.5	322.4	275,000 *
110	74.6	321.1	254,200 *
115	73.7	319.6	235,700 *
120	72.8	318.0	218,600 *
125	71.8	316.4	202,900 *
130	70.9	314.7	188,500 *
135	70.0	312.9	175,100 *
140	69.0	310.9	162,700 *
145	68.1	308.9	151,100 *
150	67.1	306.8	140,300 *
155	66.2	304.6	130,100 *
160	65.2	302.3	120,500 *
165	64.2	299.9	111,400 *
170	63.2	297.4	102,700 *
175	62.2	294.7	94,500 *
180	61.2	292.0	86,700 *
185	60.2	289.1	79,200 *
190	59.2	286.2	72,000 *
195	58.1	283.1	65,100 *
200	57.1	279.8	58,500 *
205	56.0	276.5	52,100 *
210	55.0	273.0	45,900 *
215	53.9	269.3	39,900 *
220	52.8	265.5	34,200 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

180 Ft. Luffing Jib, Attached At 160 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,142,200 *
45	80.2	131.2	1,036,500 *
50	77.9	130.1	945,600 *
55	75.5	128.8	866,700 *
60	73.1	127.3	797,600 *
65	70.7	125.5	736,500 *
70	68.2	123.5	682,000 *
75	65.7	121.3	633,300 *
80	63.2	118.8	589,400 *
85	60.5	115.9	541,600 *
90	57.8	112.8	475,300 *
95	55.0	109.3	417,300 *
100	52.2	105.5	366,000 *
105	49.1	101.2	320,100 *
110	46.0	96.4	278,500 *
115	42.6	91.1	240,500 *
120	39.0	85.0	205,300 *
125	35.1	78.1	172,100 *
130	30.7	70.0	140,200 *
135	25.7	60.2	108,700 *
150 Ft. BOOM			
45	81.9	156.5	1,030,600 *
50	79.9	155.6	940,700 *
55	78.0	154.6	862,700 *
60	76.0	153.3	794,300 *
65	74.0	151.9	733,900 *
70	72.0	150.3	680,100 *
75	70.0	148.5	631,900 *
80	67.9	146.4	588,500 *
85	65.9	144.2	549,200 *
90	63.7	141.7	513,400 *
95	61.6	139.0	480,700 *
100	59.3	136.1	435,000 *
105	57.1	132.9	389,500 *
110	54.7	129.3	348,500 *
115	52.3	125.5	311,300 *
120	49.8	121.3	277,300 *
125	47.2	116.7	246,000 *
130	44.5	111.7	217,000 *
135	41.7	106.2	189,800 *
140	38.7	100.0	164,200 *
145	35.4	93.2	139,700 *
150	31.9	85.3	116,100 *
155	27.9	76.3	92,800 *
160	23.3	65.3	69,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
175 Ft. BOOM			
50	81.4	181.1	929,500 *
55	79.7	180.1	856,500 *
60	78.1	179.1	788,700 *
65	76.4	177.9	728,900 *
70	74.7	176.5	675,600 *
75	73.0	175.0	627,900 *
80	71.2	173.3	584,900 *
85	69.5	171.4	545,900 *
90	67.7	169.3	510,500 *
95	65.9	167.1	478,100 *
100	64.1	164.7	446,300 *
105	62.3	162.1	409,000 *
110	60.4	159.2	375,900 *
115	58.5	156.2	342,000 *
120	56.5	152.9	310,300 *
125	54.5	149.3	281,200 *
130	52.4	145.5	254,300 *
135	50.3	141.4	229,200 *
140	48.1	136.9	205,800 *
145	45.9	132.1	183,800 *
150	43.5	126.9	163,100 *
155	41.0	121.2	143,300 *
160	38.4	115.0	124,400 *
165	35.6	108.2	106,100 *
170	32.6	100.6	88,400 *
175	29.4	91.9	70,800 *
180	25.7	82.0	53,200 *
185	21.5	70.1	34,900 *
200 Ft. BOOM			
50	82.5	206.3	811,600 *
55	81.0	205.6	808,400 *
60	79.6	204.6	782,200 *
65	78.1	203.6	722,900 *
70	76.6	202.4	670,000 *
75	75.2	201.1	622,700 *
80	73.7	199.6	580,100 *
85	72.2	198.0	541,500 *
90	70.6	196.2	506,300 *
95	69.1	194.3	474,200 *
100	67.6	192.3	444,800 *
105	66.0	190.0	408,300 *
110	64.4	187.6	374,400 *
115	62.8	185.1	343,500 *
120	61.2	182.3	315,100 *
125	59.5	179.4	289,000 *
130	57.8	176.3	264,800 *
135	56.1	172.9	242,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
140	54.3	169.3	221,300 *
145	52.5	165.5	201,600 *
150	50.7	161.4	183,000 *
155	48.8	157.1	165,400 *
160	46.8	152.4	148,700 *
165	44.8	147.4	132,700 *
170	42.7	142.1	117,500 *
175	40.5	136.3	102,800 *
180	38.2	130.0	88,600 *
185	35.8	123.2	74,800 *
190	33.2	115.7	61,200 *
195	30.4	107.4	47,800 *
200	27.4	98.1	34,400 *
225 Ft. BOOM			
55	82.0	230.9	684,700 *
60	80.7	230.1	675,100 *
65	79.5	229.1	665,000 *
70	78.2	228.1	655,000 *
75	76.8	226.9	617,100 *
80	75.5	225.6	574,700 *
85	74.2	224.2	536,400 *
90	72.9	222.7	497,500 *
95	71.5	221.0	456,000 *
100	70.2	219.2	419,100 *
105	68.8	217.2	385,900 *
110	67.4	215.2	355,800 *
115	66.0	212.9	328,400 *
120	64.6	210.6	303,200 *
125	63.2	208.1	280,100 *
130	61.8	205.4	258,600 *
135	60.3	202.5	238,600 *
140	58.8	199.5	219,800 *
145	57.3	196.3	202,300 *
150	55.8	192.9	185,800 *
155	54.2	189.3	170,100 *
160	52.6	185.5	155,300 *
165	51.0	181.5	141,200 *
170	49.3	177.2	127,700 *
175	47.6	172.7	114,800 *
180	45.8	167.8	102,500 *
185	44.0	162.7	90,500 *
190	42.1	157.2	79,000 *
195	40.1	151.3	67,800 *
200	38.1	145.0	56,900 *
205	35.9	138.2	46,200 *
210	33.6	130.8	35,700 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A

Luffing Jib No. 49A-44

45 Ft. RINGER Attachment on Screw Jack Pedestals

1,395,100 Lb. Auxiliary Counterweight

360 Degree Rating

180 Ft. Luffing Jib, Attached At 160 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
55	82.8	256.1	583,300 *
60	81.7	255.4	576,400 *
65	80.5	254.6	569,200 *
70	79.4	253.6	561,600 *
75	78.2	252.6	553,800 *
80	77.0	251.4	546,000 *
85	75.8	250.2	499,000 *
90	74.6	248.8	456,600 *
95	73.4	247.3	419,300 *
100	72.2	245.7	386,100 *
105	71.0	244.0	356,400 *
110	69.8	242.1	329,500 *
115	68.6	240.2	305,000 *
120	67.3	238.1	282,600 *
125	66.1	235.9	261,900 *
130	64.8	233.5	242,700 *
135	63.5	231.0	224,900 *
140	62.2	228.4	208,200 *
145	60.9	225.6	192,600 *
150	59.6	222.7	177,900 *
155	58.3	219.6	164,000 *
160	56.9	216.4	150,800 *
165	55.5	212.9	138,300 *
170	54.1	209.3	126,400 *
175	52.6	205.5	115,000 *
180	51.2	201.5	104,000 *
185	49.7	197.3	93,500 *
190	48.1	192.8	83,400 *
195	46.6	188.1	73,600 *
200	45.0	183.2	64,200 *
205	43.3	177.9	55,000 *
210	41.6	172.3	46,000 *
215	39.8	166.4	37,300 *
275 Ft. BOOM			
60	82.4	280.7	484,500 *
65	81.4	279.9	479,700 *
70	80.3	279.1	474,600 *
75	79.3	278.1	468,900 *
80	78.2	277.1	463,200 *
85	77.1	275.9	456,800 *
90	76.1	274.7	417,900 *
95	75.0	273.3	383,700 *
100	73.9	271.9	353,400 *
105	72.8	270.4	326,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
110	71.7	268.7	301,800 *
115	70.6	266.9	279,600 *
120	69.5	265.1	259,400 *
125	68.4	263.1	240,700 *
130	67.3	261.0	223,400 *
135	66.1	258.8	207,300 *
140	65.0	256.4	192,200 *
145	63.8	254.0	178,200 *
150	62.6	251.4	165,000 *
155	61.4	248.7	152,500 *
160	60.2	245.8	140,700 *
165	59.0	242.8	129,500 *
170	57.8	239.7	118,800 *
175	56.6	236.4	108,600 *
180	55.3	232.9	98,900 *
185	54.0	229.3	89,500 *
190	52.7	225.5	80,500 *
195	51.4	221.5	71,900 *
200	50.0	217.4	63,500 *
205	48.6	213.0	55,400 *
210	47.2	208.4	47,600 *
215	45.8	203.5	40,000 *
220	44.3	198.4	32,600 *
300 Ft. BOOM			
65	82.1	305.2	395,300 *
70	81.1	304.4	395,300 *
75	80.2	303.6	392,500 *
80	79.2	302.6	388,400 *
85	78.2	301.6	384,200 *
90	77.3	300.4	379,600 *
95	76.3	299.2	350,600 *
100	75.3	297.9	322,300 *
105	74.3	296.5	297,100 *
110	73.3	295.0	274,500 *
115	72.3	293.4	253,900 *
120	71.3	291.7	235,200 *
125	70.3	289.9	217,900 *
130	69.2	288.0	202,100 *
135	68.2	286.0	187,300 *
140	67.2	283.9	173,600 *
145	66.1	281.7	160,800 *
150	65.1	279.4	148,700 *
155	64.0	276.9	137,400 *
160	63.0	274.4	126,700 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
165	61.9	271.7	116,500 *
170	60.8	268.9	106,800 *
175	59.7	266.0	97,700 *
180	58.5	263.0	88,900 *
185	57.4	259.8	80,500 *
190	56.3	256.4	72,400 *
195	55.1	253.0	64,600 *
200	53.9	249.3	57,100 *
205	52.7	245.5	49,900 *
210	51.5	241.6	43,000 *
215	50.3	237.4	36,200 *
325 Ft. BOOM			
65	82.7	330.5	308,200 *
70	81.8	329.7	308,200 *
75	80.9	328.9	308,200 *
80	80.0	328.1	308,200 *
85	79.1	327.1	308,200 *
90	78.2	326.1	308,200 *
95	77.3	324.9	308,200 *
100	76.4	323.7	294,200 *
105	75.5	322.4	270,500 *
110	74.6	321.1	249,200 *
115	73.7	319.6	230,100 *
120	72.8	318.0	212,500 *
125	71.8	316.4	196,400 *
130	70.9	314.7	181,600 *
135	70.0	312.9	167,900 *
140	69.0	310.9	155,200 *
145	68.1	308.9	143,300 *
150	67.1	306.8	132,200 *
155	66.2	304.6	121,700 *
160	65.2	302.3	111,800 *
165	64.2	299.9	102,500 *
170	63.2	297.4	93,600 *
175	62.2	294.7	85,200 *
180	61.2	292.0	77,200 *
185	60.2	289.1	69,500 *
190	59.2	286.2	62,200 *
195	58.1	283.1	55,100 *
200	57.1	279.8	48,300 *
205	56.0	276.5	41,800 *
210	55.0	273.0	35,500 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

200 Ft. Luffing Jib, Attached At 160 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,124,100 *
45	80.2	131.2	1,018,400 *
50	77.9	130.1	927,600 *
55	75.5	128.8	848,700 *
60	73.1	127.3	779,500 *
65	70.7	125.5	718,500 *
70	68.2	123.5	664,100 *
75	65.7	121.3	615,400 *
80	63.2	118.8	571,500 *
85	60.5	115.9	516,200 *
90	57.8	112.8	450,500 *
95	55.0	109.3	393,100 *
100	52.2	105.5	342,400 *
105	49.1	101.2	297,000 *
110	46.0	96.4	255,900 *
115	42.6	91.1	218,300 *
120	39.0	85.0	183,500 *
125	35.1	78.1	150,800 *
130	30.7	70.0	119,300 *
135	25.7	60.2	88,300 *
150 Ft. BOOM			
45	81.9	156.5	1,013,100 *
50	79.9	155.6	923,300 *
55	78.0	154.6	845,400 *
60	76.0	153.3	777,100 *
65	74.0	151.9	716,800 *
70	72.0	150.3	663,100 *
75	70.0	148.5	615,000 *
80	67.9	146.4	571,600 *
85	65.9	144.2	532,400 *
90	63.7	141.7	496,700 *
95	61.6	139.0	463,600 *
100	59.3	136.1	413,000 *
105	57.1	132.9	367,900 *
110	54.7	129.3	327,300 *
115	52.3	125.5	290,500 *
120	49.8	121.3	256,900 *
125	47.2	116.7	226,000 *
130	44.5	111.7	197,300 *
135	41.7	106.2	170,400 *
140	38.7	100.0	145,100 *
145	35.4	93.2	120,900 *
150	31.9	85.3	97,600 *
155	27.9	76.3	74,600 *
160	23.3	65.3	51,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
175 Ft. BOOM			
50	81.4	181.1	909,800 *
55	79.7	180.1	839,800 *
60	78.1	179.1	772,200 *
65	76.4	177.9	712,400 *
70	74.7	176.5	659,300 *
75	73.0	175.0	611,700 *
80	71.2	173.3	568,800 *
85	69.5	171.4	529,900 *
90	67.7	169.3	494,500 *
95	65.9	167.1	462,200 *
100	64.1	164.7	430,800 *
105	62.3	162.1	393,800 *
110	60.4	159.2	356,600 *
115	58.5	156.2	322,400 *
120	56.5	152.9	291,000 *
125	54.5	149.3	262,200 *
130	52.4	145.5	235,600 *
135	50.3	141.4	210,800 *
140	48.1	136.9	187,700 *
145	45.9	132.1	165,900 *
150	43.5	126.9	145,400 *
155	41.0	121.2	125,900 *
160	38.4	115.0	107,200 *
165	35.6	108.2	89,100 *
170	32.6	100.6	71,600 *
175	29.4	91.9	54,300 *
180	25.7	82.0	36,900 *
200 Ft. BOOM			
50	82.5	206.3	793,300 *
55	81.0	205.6	789,700 *
60	79.6	204.6	766,100 *
65	78.1	203.6	706,900 *
70	76.6	202.4	654,200 *
75	75.2	201.1	607,000 *
80	73.7	199.6	564,500 *
85	72.2	198.0	526,000 *
90	70.6	196.2	491,000 *
95	69.1	194.3	459,000 *
100	67.6	192.3	425,900 *
105	66.0	190.0	388,800 *
110	64.4	187.6	355,300 *
115	62.8	185.1	324,700 *
120	61.2	182.3	296,700 *
125	59.5	179.4	270,900 *
130	57.8	176.3	247,000 *
135	56.1	172.9	224,700 *
140	54.3	169.3	204,000 *
145	52.5	165.5	184,400 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
150	50.7	161.4	166,100 *
155	48.8	157.1	148,700 *
160	46.8	152.4	132,200 *
165	44.8	147.4	116,400 *
170	42.7	142.1	101,300 *
175	40.5	136.3	86,800 *
180	38.2	130.0	72,800 *
185	35.8	123.2	59,200 *
190	33.2	115.7	45,800 *
195	30.4	107.4	32,600 *
225 Ft. BOOM			
55	82.0	230.9	668,100 *
60	80.7	230.1	658,400 *
65	79.5	229.1	648,400 *
70	78.2	228.1	638,400 *
75	76.8	226.9	601,800 *
80	75.5	225.6	559,600 *
85	74.2	224.2	521,400 *
90	72.9	222.7	477,400 *
95	71.5	221.0	436,400 *
100	70.2	219.2	399,900 *
105	68.8	217.2	367,100 *
110	67.4	215.2	337,400 *
115	66.0	212.9	310,400 *
120	64.6	210.6	285,600 *
125	63.2	208.1	262,700 *
130	61.8	205.4	241,400 *
135	60.3	202.5	221,700 *
140	58.8	199.5	203,200 *
145	57.3	196.3	185,800 *
150	55.8	192.9	169,500 *
155	54.2	189.3	154,100 *
160	52.6	185.5	139,400 *
165	51.0	181.5	125,500 *
170	49.3	177.2	112,200 *
175	47.6	172.7	99,400 *
180	45.8	167.8	87,200 *
185	44.0	162.7	75,400 *
190	42.1	157.2	64,000 *
195	40.1	151.3	53,000 *
200	38.1	145.0	42,200 *
205	35.9	138.2	31,600 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

200 Ft. Luffing Jib, Attached At 160 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
55	82.8	256.1	566,200 *
60	81.7	255.4	559,400 *
65	80.5	254.6	552,400 *
70	79.4	253.6	544,800 *
75	78.2	252.6	537,100 *
80	77.0	251.4	526,900 *
85	75.8	250.2	478,800 *
90	74.6	248.8	437,000 *
95	73.4	247.3	400,300 *
100	72.2	245.7	367,600 *
105	71.0	244.0	338,300 *
110	69.8	242.1	311,800 *
115	68.6	240.2	287,600 *
120	67.3	238.1	265,500 *
125	66.1	235.9	245,100 *
130	64.8	233.5	226,200 *
135	63.5	231.0	208,600 *
140	62.2	228.4	192,100 *
145	60.9	225.6	176,700 *
150	59.6	222.7	162,200 *
155	58.3	219.6	148,500 *
160	56.9	216.4	135,500 *
165	55.5	212.9	123,100 *
170	54.1	209.3	111,300 *
175	52.6	205.5	100,100 *
180	51.2	201.5	89,300 *
185	49.7	197.3	78,900 *
190	48.1	192.8	68,900 *
195	46.6	188.1	59,300 *
200	45.0	183.2	49,900 *
205	43.3	177.9	40,900 *
210	41.6	172.3	32,000 *
275 Ft. BOOM			
60	82.4	280.7	467,500 *
65	81.4	279.9	462,800 *
70	80.3	279.1	457,800 *
75	79.3	278.1	452,300 *
80	78.2	277.1	446,600 *
85	77.1	275.9	437,200 *
90	76.1	274.7	398,800 *
95	75.0	273.3	365,200 *
100	73.9	271.9	335,400 *
105	72.8	270.4	308,700 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
110	71.7	268.7	284,600 *
115	70.6	266.9	262,700 *
120	69.5	265.1	242,800 *
125	68.4	263.1	224,300 *
130	67.3	261.0	207,300 *
135	66.1	258.8	191,400 *
140	65.0	256.4	176,600 *
145	63.8	254.0	162,700 *
150	62.6	251.4	149,700 *
155	61.4	248.7	137,400 *
160	60.2	245.8	125,800 *
165	59.0	242.8	114,700 *
170	57.8	239.7	104,200 *
175	56.6	236.4	94,100 *
180	55.3	232.9	84,500 *
185	54.0	229.3	75,300 *
190	52.7	225.5	66,400 *
195	51.4	221.5	57,900 *
200	50.0	217.4	49,600 *
205	48.6	213.0	41,700 *
210	47.2	208.4	33,900 *
300 Ft. BOOM			
65	82.1	305.2	379,300 *
70	81.1	304.4	379,300 *
75	80.2	303.6	376,000 *
80	79.2	302.6	372,100 *
85	78.2	301.6	368,000 *
90	77.3	300.4	363,300 *
95	76.3	299.2	332,500 *
100	75.3	297.9	304,700 *
105	74.3	296.5	279,900 *
110	73.3	295.0	257,600 *
115	72.3	293.4	237,400 *
120	71.3	291.7	219,000 *
125	70.3	289.9	202,000 *
130	69.2	288.0	186,400 *
135	68.2	286.0	171,900 *
140	67.2	283.9	158,400 *
145	66.1	281.7	145,700 *
150	65.1	279.4	133,900 *
155	64.0	276.9	122,700 *
160	63.0	274.4	112,100 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
165	61.9	271.7	102,100 *
170	60.8	268.9	92,600 *
175	59.7	266.0	83,600 *
180	58.5	263.0	74,900 *
185	57.4	259.8	66,600 *
190	56.3	256.4	58,600 *
195	55.1	253.0	51,000 *
200	53.9	249.3	43,600 *
205	52.7	245.5	36,500 *
325 Ft. BOOM			
65	82.7	330.5	292,700 *
70	81.8	329.7	292,700 *
75	80.9	328.9	292,700 *
80	80.0	328.1	292,700 *
85	79.1	327.1	292,700 *
90	78.2	326.1	292,300 *
95	77.3	324.9	292,700 *
100	76.4	323.7	276,900 *
105	75.5	322.4	253,600 *
110	74.6	321.1	232,700 *
115	73.7	319.6	213,900 *
120	72.8	318.0	196,700 *
125	71.8	316.4	180,800 *
130	70.9	314.7	166,300 *
135	70.0	312.9	152,800 *
140	69.0	310.9	140,300 *
145	68.1	308.9	128,600 *
150	67.1	306.8	117,600 *
155	66.2	304.6	107,300 *
160	65.2	302.3	97,600 *
165	64.2	299.9	88,400 *
170	63.2	297.4	79,700 *
175	62.2	294.7	71,400 *
180	61.2	292.0	63,500 *
185	60.2	289.1	56,000 *
190	59.2	286.2	48,700 *
195	58.1	283.1	41,800 *
200	57.1	279.8	35,100 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

220 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,131,100 *
45	80.2	131.2	1,022,800 *
50	77.9	130.1	929,700 *
55	75.5	128.8	848,800 *
60	73.1	127.3	777,900 *
65	70.7	125.5	715,200 *
70	68.2	123.5	659,400 *
75	65.7	121.3	609,400 *
80	63.2	118.8	564,300 *
85	60.5	115.9	507,200 *
90	57.8	112.8	439,900 *
95	55.0	109.3	381,100 *
100	52.2	105.5	329,000 *
105	49.1	101.2	282,300 *
110	46.0	96.4	240,100 *
115	42.6	91.1	201,400 *
120	39.0	85.0	165,600 *
125	35.1	78.1	131,800 *
130	30.7	70.0	99,400 *
135	25.7	60.2	67,200 *
140	19.4	47.4	33,300 *
150 Ft. BOOM			
45	81.9	156.5	1,018,600 *
50	79.9	155.6	926,700 *
55	78.0	154.6	847,000 *
60	76.0	153.3	777,000 *
65	74.0	151.9	715,200 *
70	72.0	150.3	660,200 *
75	70.0	148.5	610,900 *
80	67.9	146.4	566,500 *
85	65.9	144.2	526,200 *
90	63.7	141.7	489,600 *
95	61.6	139.0	455,500 *
100	59.3	136.1	403,600 *
105	57.1	132.9	357,400 *
110	54.7	129.3	315,800 *
115	52.3	125.5	278,100 *
120	49.8	121.3	243,600 *
125	47.2	116.7	211,900 *
130	44.5	111.7	182,400 *
135	41.7	106.2	154,800 *
140	38.7	100.0	128,800 *
145	35.4	93.2	103,900 *
150	31.9	85.3	79,800 *
155	27.9	76.3	56,100 *
160	23.3	65.3	32,000 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
175 Ft. BOOM			
50	81.4	181.1	921,300 *
55	79.7	180.1	842,400 *
60	78.1	179.1	773,200 *
65	76.4	177.9	712,100 *
70	74.7	176.5	657,700 *
75	73.0	175.0	609,000 *
80	71.2	173.3	565,100 *
85	69.5	171.4	525,300 *
90	67.7	169.3	489,100 *
95	65.9	167.1	456,000 *
100	64.1	164.7	425,600 *
105	62.3	162.1	386,600 *
110	60.4	159.2	347,900 *
115	58.5	156.2	312,800 *
120	56.5	152.9	280,700 *
125	54.5	149.3	251,200 *
130	52.4	145.5	223,900 *
135	50.3	141.4	198,500 *
140	48.1	136.9	174,700 *
145	45.9	132.1	152,400 *
150	43.5	126.9	131,300 *
155	41.0	121.2	111,200 *
160	38.4	115.0	92,000 *
165	35.6	108.2	73,500 *
170	32.6	100.6	55,400 *
175	29.4	91.9	37,500 *
200 Ft. BOOM			
50	82.5	206.3	808,000 *
55	81.0	205.6	803,000 *
60	79.6	204.6	768,000 *
65	78.1	203.6	707,500 *
70	76.6	202.4	653,600 *
75	75.2	201.1	605,400 *
80	73.7	199.6	561,900 *
85	72.2	198.0	522,600 *
90	70.6	196.2	486,700 *
95	69.1	194.3	454,000 *
100	67.6	192.3	421,200 *
105	66.0	190.0	383,100 *
110	64.4	187.6	348,700 *
115	62.8	185.1	317,300 *
120	61.2	182.3	288,500 *
125	59.5	179.4	262,000 *
130	57.8	176.3	237,500 *
135	56.1	172.9	214,600 *
140	54.3	169.3	193,300 *
145	52.5	165.5	173,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
150	50.7	161.4	154,400 *
155	48.8	157.1	136,500 *
160	46.8	152.4	119,600 *
165	44.8	147.4	103,400 *
170	42.7	142.1	87,900 *
175	40.5	136.3	73,000 *
180	38.2	130.0	58,500 *
185	35.8	123.2	44,500 *
190	33.2	115.7	30,700 *
225 Ft. BOOM			
55	82.0	230.9	681,400 *
60	80.7	230.1	670,300 *
65	79.5	229.1	659,000 *
70	78.2	228.1	647,800 *
75	76.8	226.9	601,000 *
80	75.5	225.6	557,900 *
85	74.2	224.2	518,800 *
90	72.9	222.7	476,500 *
95	71.5	221.0	434,300 *
100	70.2	219.2	396,700 *
105	68.8	217.2	362,900 *
110	67.4	215.2	332,300 *
115	66.0	212.9	304,500 *
120	64.6	210.6	278,900 *
125	63.2	208.1	255,300 *
130	61.8	205.4	233,500 *
135	60.3	202.5	213,200 *
140	58.8	199.5	194,200 *
145	57.3	196.3	176,300 *
150	55.8	192.9	159,500 *
155	54.2	189.3	143,700 *
160	52.6	185.5	128,600 *
165	51.0	181.5	114,300 *
170	49.3	177.2	100,600 *
175	47.6	172.7	87,500 *
180	45.8	167.8	74,900 *
185	44.0	162.7	62,800 *
190	42.1	157.2	51,100 *
195	40.1	151.3	39,700 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A

Luffing Jib No. 49A-44

45 Ft. RINGER Attachment on Screw Jack Pedestals

1,395,100 Lb. Auxiliary Counterweight

360 Degree Rating

220 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
55	82.8	256.1	581,900 *
60	81.7	255.4	573,500 *
65	80.5	254.6	565,000 *
70	79.4	253.6	556,200 *
75	78.2	252.6	547,400 *
80	77.0	251.4	530,300 *
85	75.8	250.2	480,500 *
90	74.6	248.8	437,300 *
95	73.4	247.3	399,300 *
100	72.2	245.7	365,500 *
105	71.0	244.0	335,200 *
110	69.8	242.1	307,800 *
115	68.6	240.2	282,900 *
120	67.3	238.1	260,000 *
125	66.1	235.9	239,000 *
130	64.8	233.5	219,500 *
135	63.5	231.0	201,400 *
140	62.2	228.4	184,400 *
145	60.9	225.6	168,500 *
150	59.6	222.7	153,500 *
155	58.3	219.6	139,400 *
160	56.9	216.4	126,000 *
165	55.5	212.9	113,300 *
170	54.1	209.3	101,200 *
175	52.6	205.5	89,600 *
180	51.2	201.5	78,400 *
185	49.7	197.3	67,800 *
190	48.1	192.8	57,500 *
195	46.6	188.1	47,600 *
200	45.0	183.2	38,000 *
275 Ft. BOOM			
60	82.4	280.7	483,400 *
65	81.4	279.9	477,300 *
70	80.3	279.1	471,000 *
75	79.3	278.1	464,300 *
80	78.2	277.1	457,500 *
85	77.1	275.9	439,800 *
90	76.1	274.7	400,000 *
95	75.0	273.3	365,200 *
100	73.9	271.9	334,200 *
105	72.8	270.4	306,600 *
110	71.7	268.7	281,600 *
115	70.6	266.9	258,900 *
120	69.5	265.1	238,300 *
125	68.4	263.1	219,300 *
130	67.3	261.0	201,600 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
135	66.1	258.8	185,200 *
140	65.0	256.4	169,900 *
145	63.8	254.0	155,600 *
150	62.6	251.4	142,100 *
155	61.4	248.7	129,400 *
160	60.2	245.8	117,400 *
165	59.0	242.8	106,000 *
170	57.8	239.7	95,100 *
175	56.6	236.4	84,800 *
180	55.3	232.9	74,800 *
185	54.0	229.3	65,300 *
190	52.7	225.5	56,200 *
195	51.4	221.5	47,400 *
200	50.0	217.4	38,900 *
205	48.6	213.0	30,700 *
300 Ft. BOOM			
65	82.1	305.2	387,800 *
70	81.1	304.4	387,800 *
75	80.2	303.6	387,800 *
80	79.2	302.6	384,300 *
85	78.2	301.6	379,200 *
90	77.3	300.4	365,800 *
95	76.3	299.2	333,200 *
100	75.3	297.9	304,300 *
105	74.3	296.5	278,600 *
110	73.3	295.0	255,500 *
115	72.3	293.4	234,500 *
120	71.3	291.7	215,300 *
125	70.3	289.9	197,700 *
130	69.2	288.0	181,500 *
135	68.2	286.0	166,500 *
140	67.2	283.9	152,500 *
145	66.1	281.7	139,400 *
150	65.1	279.4	127,100 *
155	64.0	276.9	115,600 *
160	63.0	274.4	104,600 *
165	61.9	271.7	94,300 *
170	60.8	268.9	84,500 *
175	59.7	266.0	75,100 *
180	58.5	263.0	66,100 *
185	57.4	259.8	57,600 *
190	56.3	256.4	49,300 *
195	55.1	253.0	41,400 *
200	53.9	249.3	33,800 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
325 Ft. BOOM			
65	82.7	330.5	303,300 *
70	81.8	329.7	303,300 *
75	80.9	328.9	303,300 *
80	80.0	328.1	303,300 *
85	79.1	327.1	303,300 *
90	78.2	326.1	303,300 *
95	77.3	324.9	303,300 *
100	76.4	323.7	277,200 *
105	75.5	322.4	252,900 *
110	74.6	321.1	231,100 *
115	73.7	319.6	211,600 *
120	72.8	318.0	193,700 *
125	71.8	316.4	177,200 *
130	70.9	314.7	162,100 *
135	70.0	312.9	148,100 *
140	69.0	310.9	135,100 *
145	68.1	308.9	123,000 *
150	67.1	306.8	111,600 *
155	66.2	304.6	100,900 *
160	65.2	302.3	90,900 *
165	64.2	299.9	81,300 *
170	63.2	297.4	72,300 *
175	62.2	294.7	63,700 *
180	61.2	292.0	55,500 *
185	60.2	289.1	47,700 *
190	59.2	286.2	40,200 *
195	58.1	283.1	33,000 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

240 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,115,100 *
45	80.2	131.2	1,006,400 *
50	77.9	130.1	913,000 *
55	75.5	128.8	831,800 *
60	73.1	127.3	760,700 *
65	70.7	125.5	697,800 *
70	68.2	123.5	641,800 *
75	65.7	121.3	591,700 *
80	63.2	118.8	546,500 *
85	60.5	115.9	481,600 *
90	57.8	112.8	414,700 *
95	55.0	109.3	356,200 *
100	52.2	105.5	304,500 *
105	49.1	101.2	258,200 *
110	46.0	96.4	216,300 *
115	42.6	91.1	177,900 *
120	39.0	85.0	142,300 *
125	35.1	78.1	108,800 *
130	30.7	70.0	76,700 *
135	25.7	60.2	44,800 *
150 Ft. BOOM			
45	81.9	156.5	1,003,000 *
50	79.9	155.6	910,900 *
55	78.0	154.6	831,000 *
60	76.0	153.3	760,900 *
65	74.0	151.9	699,000 *
70	72.0	150.3	643,900 *
75	70.0	148.5	594,500 *
80	67.9	146.4	550,000 *
85	65.9	144.2	509,700 *
90	63.7	141.7	473,000 *
95	61.6	139.0	432,800 *
100	59.3	136.1	381,300 *
105	57.1	132.9	335,400 *
110	54.7	129.3	294,100 *
115	52.3	125.5	256,700 *
120	49.8	121.3	222,400 *
125	47.2	116.7	190,900 *
130	44.5	111.7	161,600 *
135	41.7	106.2	134,200 *
140	38.7	100.0	108,400 *
145	35.4	93.2	83,700 *
150	31.9	85.3	59,900 *
155	27.9	76.3	36,400 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
175 Ft. BOOM			
50	81.4	181.1	906,100 *
55	79.7	180.1	827,100 *
60	78.1	179.1	757,900 *
65	76.4	177.9	696,700 *
70	74.7	176.5	642,300 *
75	73.0	175.0	593,500 *
80	71.2	173.3	549,500 *
85	69.5	171.4	509,700 *
90	67.7	169.3	473,500 *
95	65.9	167.1	440,400 *
100	64.1	164.7	408,700 *
105	62.3	162.1	366,100 *
110	60.4	159.2	327,800 *
115	58.5	156.2	292,900 *
120	56.5	152.9	261,000 *
125	54.5	149.3	231,700 *
130	52.4	145.5	204,600 *
135	50.3	141.4	179,400 *
140	48.1	136.9	155,800 *
145	45.9	132.1	133,600 *
150	43.5	126.9	112,700 *
155	41.0	121.2	92,800 *
160	38.4	115.0	73,700 *
165	35.6	108.2	55,300 *
170	32.6	100.6	37,400 *
200 Ft. BOOM			
50	82.5	206.3	792,400 *
55	81.0	205.6	786,900 *
60	79.6	204.6	753,200 *
65	78.1	203.6	692,700 *
70	76.6	202.4	638,800 *
75	75.2	201.1	590,600 *
80	73.7	199.6	547,100 *
85	72.2	198.0	507,700 *
90	70.6	196.2	471,900 *
95	69.1	194.3	439,100 *
100	67.6	192.3	401,700 *
105	66.0	190.0	363,900 *
110	64.4	187.6	329,700 *
115	62.8	185.1	298,600 *
120	61.2	182.3	270,000 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
125	59.5	179.4	243,700 *
130	57.8	176.3	219,300 *
135	56.1	172.9	196,700 *
140	54.3	169.3	175,500 *
145	52.5	165.5	155,600 *
150	50.7	161.4	136,900 *
155	48.8	157.1	119,200 *
160	46.8	152.4	102,300 *
165	44.8	147.4	86,300 *
170	42.7	142.1	70,900 *
175	40.5	136.3	56,100 *
180	38.2	130.0	41,800 *
225 Ft. BOOM			
55	82.0	230.9	667,100 *
60	80.7	230.1	655,800 *
65	79.5	229.1	644,400 *
70	78.2	228.1	633,000 *
75	76.8	226.9	586,700 *
80	75.5	225.6	543,600 *
85	74.2	224.2	504,600 *
90	72.9	222.7	457,300 *
95	71.5	221.0	415,400 *
100	70.2	219.2	378,200 *
105	68.8	217.2	344,700 *
110	67.4	215.2	314,300 *
115	66.0	212.9	286,700 *
120	64.6	210.6	261,400 *
125	63.2	208.1	238,000 *
130	61.8	205.4	216,300 *
135	60.3	202.5	196,200 *
140	58.8	199.5	177,300 *
145	57.3	196.3	159,600 *
150	55.8	192.9	142,900 *
155	54.2	189.3	127,200 *
160	52.6	185.5	112,200 *
165	51.0	181.5	98,000 *
170	49.3	177.2	84,500 *
175	47.6	172.7	71,500 *
180	45.8	167.8	59,000 *
185	44.0	162.7	47,000 *
190	42.1	157.2	35,400 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A

Luffing Jib No. 49A-44

45 Ft. RINGER Attachment on Screw Jack Pedestals

1,395,100 Lb. Auxiliary Counterweight

360 Degree Rating

240 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
55	82.8	256.1	567,400 *
60	81.7	255.4	559,000 *
65	80.5	254.6	550,400 *
70	79.4	253.6	541,500 *
75	78.2	252.6	532,600 *
80	77.0	251.4	510,900 *
85	75.8	250.2	461,700 *
90	74.6	248.8	418,900 *
95	73.4	247.3	381,200 *
100	72.2	245.7	347,800 *
105	71.0	244.0	317,700 *
110	69.8	242.1	290,600 *
115	68.6	240.2	265,900 *
120	67.3	238.1	243,200 *
125	66.1	235.9	222,400 *
130	64.8	233.5	203,100 *
135	63.5	231.0	185,100 *
140	62.2	228.4	168,300 *
145	60.9	225.6	152,500 *
150	59.6	222.7	137,700 *
155	58.3	219.6	123,700 *
160	56.9	216.4	110,400 *
165	55.5	212.9	97,800 *
170	54.1	209.3	85,700 *
175	52.6	205.5	74,200 *
180	51.2	201.5	63,200 *
185	49.7	197.3	52,600 *
190	48.1	192.8	42,400 *
195	46.6	188.1	32,600 *
275 Ft. BOOM			
60	82.4	280.7	469,000 *
65	81.4	279.9	462,900 *
70	80.3	279.1	456,500 *
75	79.3	278.1	449,800 *
80	78.2	277.1	442,900 *
85	77.1	275.9	421,600 *
90	76.1	274.7	382,200 *
95	75.0	273.3	347,700 *
100	73.9	271.9	317,100 *
105	72.8	270.4	289,700 *
110	71.7	268.7	265,000 *
115	70.6	266.9	242,600 *
120	69.5	265.1	222,200 *
125	68.4	263.1	203,300 *
130	67.3	261.0	185,800 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
135	66.1	258.8	169,600 *
140	65.0	256.4	154,400 *
145	63.8	254.0	140,200 *
150	62.6	251.4	126,900 *
155	61.4	248.7	114,300 *
160	60.2	245.8	102,400 *
165	59.0	242.8	91,100 *
170	57.8	239.7	80,300 *
175	56.6	236.4	70,000 *
180	55.3	232.9	60,200 *
185	54.0	229.3	50,800 *
190	52.7	225.5	41,700 *
195	51.4	221.5	33,000 *
300 Ft. BOOM			
65	82.1	305.2	374,000 *
70	81.1	304.4	374,000 *
75	80.2	303.6	374,000 *
80	79.2	302.6	370,100 *
85	78.2	301.6	365,000 *
90	77.3	300.4	348,500 *
95	76.3	299.2	316,200 *
100	75.3	297.9	287,700 *
105	74.3	296.5	262,300 *
110	73.3	295.0	239,400 *
115	72.3	293.4	218,600 *
120	71.3	291.7	199,700 *
125	70.3	289.9	182,300 *
130	69.2	288.0	166,200 *
135	68.2	286.0	151,400 *
140	67.2	283.9	137,500 *
145	66.1	281.7	124,600 *
150	65.1	279.4	112,400 *
155	64.0	276.9	100,900 *
160	63.0	274.4	90,100 *
165	61.9	271.7	79,900 *
170	60.8	268.9	70,100 *
175	59.7	266.0	60,900 *
180	58.5	263.0	52,000 *
185	57.4	259.8	43,500 *
190	56.3	256.4	35,400 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
325 Ft. BOOM			
65	82.7	330.5	290,000 *
70	81.8	329.7	290,000 *
75	80.9	328.9	290,000 *
80	80.0	328.1	290,000 *
85	79.1	327.1	290,000 *
90	78.2	326.1	290,000 *
95	77.3	324.9	287,900 *
100	76.4	323.7	261,000 *
105	75.5	322.4	237,000 *
110	74.6	321.1	215,500 *
115	73.7	319.6	196,200 *
120	72.8	318.0	178,500 *
125	71.8	316.4	162,200 *
130	70.9	314.7	147,300 *
135	70.0	312.9	133,400 *
140	69.0	310.9	120,600 *
145	68.1	308.9	108,600 *
150	67.1	306.8	97,300 *
155	66.2	304.6	86,700 *
160	65.2	302.3	76,800 *
165	64.2	299.9	67,400 *
170	63.2	297.4	58,400 *
175	62.2	294.7	49,900 *
180	61.2	292.0	41,800 *
185	60.2	289.1	34,100 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

260 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,095,400 *
45	80.2	131.2	986,200 *
50	77.9	130.1	892,500 *
55	75.5	128.8	811,000 *
60	73.1	127.3	739,600 *
65	70.7	125.5	676,500 *
70	68.2	123.5	620,300 *
75	65.7	121.3	569,900 *
80	63.2	118.8	524,600 *
85	60.5	115.9	450,500 *
90	57.8	112.8	384,100 *
95	55.0	109.3	326,100 *
100	52.2	105.5	274,800 *
105	49.1	101.2	228,900 *
110	46.0	96.4	187,400 *
115	42.6	91.1	149,300 *
120	39.0	85.0	114,100 *
125	35.1	78.1	80,900 *
130	30.7	70.0	49,000 *
150 Ft. BOOM			
45	81.9	156.5	983,400 *
50	79.9	155.6	891,100 *
55	78.0	154.6	811,000 *
60	76.0	153.3	740,800 *
65	74.0	151.9	678,800 *
70	72.0	150.3	623,600 *
75	70.0	148.5	574,100 *
80	67.9	146.4	529,500 *
85	65.9	144.2	489,100 *
90	63.7	141.7	452,400 *
95	61.6	139.0	405,300 *
100	59.3	136.1	354,300 *
105	57.1	132.9	308,700 *
110	54.7	129.3	267,700 *
115	52.3	125.5	230,500 *
120	49.8	121.3	196,600 *
125	47.2	116.7	165,300 *
130	44.5	111.7	136,300 *
135	41.7	106.2	109,100 *
140	38.7	100.0	83,500 *
145	35.4	93.2	59,000 *
150	31.9	85.3	35,400 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
175 Ft. BOOM			
50	81.4	181.1	887,400 *
55	79.7	180.1	808,300 *
60	78.1	179.1	738,900 *
65	76.4	177.9	677,700 *
70	74.7	176.5	623,100 *
75	73.0	175.0	574,300 *
80	71.2	173.3	530,300 *
85	69.5	171.4	490,400 *
90	67.7	169.3	454,200 *
95	65.9	167.1	421,000 *
100	64.1	164.7	383,400 *
105	62.3	162.1	341,200 *
110	60.4	159.2	303,200 *
115	58.5	156.2	268,600 *
120	56.5	152.9	236,900 *
125	54.5	149.3	207,900 *
130	52.4	145.5	181,000 *
135	50.3	141.4	156,000 *
140	48.1	136.9	132,600 *
145	45.9	132.1	110,600 *
150	43.5	126.9	89,800 *
155	41.0	121.2	70,100 *
160	38.4	115.0	51,200 *
165	35.6	108.2	33,000 *
200 Ft. BOOM			
50	82.5	206.3	776,300 *
55	81.0	205.6	770,200 *
60	79.6	204.6	735,000 *
65	78.1	203.6	674,400 *
70	76.6	202.4	620,500 *
75	75.2	201.1	572,200 *
80	73.7	199.6	528,700 *
85	72.2	198.0	489,300 *
90	70.6	196.2	453,500 *
95	69.1	194.3	419,500 *
100	67.6	192.3	377,800 *
105	66.0	190.0	340,400 *
110	64.4	187.6	306,500 *
115	62.8	185.1	275,700 *
120	61.2	182.3	247,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
125	59.5	179.4	221,300 *
130	57.8	176.3	197,100 *
135	56.1	172.9	174,600 *
140	54.3	169.3	153,600 *
145	52.5	165.5	133,900 *
150	50.7	161.4	115,300 *
155	48.8	157.1	97,800 *
160	46.8	152.4	81,100 *
165	44.8	147.4	65,200 *
170	42.7	142.1	49,900 *
175	40.5	136.3	35,300 *
225 Ft. BOOM			
55	82.0	230.9	652,400 *
60	80.7	230.1	641,000 *
65	79.5	229.1	629,500 *
70	78.2	228.1	616,800 *
75	76.8	226.9	568,900 *
80	75.5	225.6	525,900 *
85	74.2	224.2	480,800 *
90	72.9	222.7	433,800 *
95	71.5	221.0	392,400 *
100	70.2	219.2	355,400 *
105	68.8	217.2	322,300 *
110	67.4	215.2	292,300 *
115	66.0	212.9	264,900 *
120	64.6	210.6	239,800 *
125	63.2	208.1	216,600 *
130	61.8	205.4	195,200 *
135	60.3	202.5	175,200 *
140	58.8	199.5	156,500 *
145	57.3	196.3	139,000 *
150	55.8	192.9	122,500 *
155	54.2	189.3	106,800 *
160	52.6	185.5	92,000 *
165	51.0	181.5	78,000 *
170	49.3	177.2	64,500 *
175	47.6	172.7	51,600 *
180	45.8	167.8	39,300 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

260 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
55	82.8	256.1	545,300 *
60	81.7	255.4	536,900 *
65	80.5	254.6	528,400 *
70	79.4	253.6	519,600 *
75	78.2	252.6	510,700 *
80	77.0	251.4	487,300 *
85	75.8	250.2	438,600 *
90	74.6	248.8	396,300 *
95	73.4	247.3	359,000 *
100	72.2	245.7	325,900 *
105	71.0	244.0	296,300 *
110	69.8	242.1	269,400 *
115	68.6	240.2	245,000 *
120	67.3	238.1	222,600 *
125	66.1	235.9	201,900 *
130	64.8	233.5	182,800 *
135	63.5	231.0	165,000 *
140	62.2	228.4	148,400 *
145	60.9	225.6	132,800 *
150	59.6	222.7	118,100 *
155	58.3	219.6	104,200 *
160	56.9	216.4	91,000 *
165	55.5	212.9	78,500 *
170	54.1	209.3	66,600 *
175	52.6	205.5	55,200 *
180	51.2	201.5	44,300 *
185	49.7	197.3	33,800 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
60	82.4	280.7	454,200 *
65	81.4	279.9	448,000 *
70	80.3	279.1	441,600 *
75	79.3	278.1	434,900 *
80	78.2	277.1	427,900 *
85	77.1	275.9	399,300 *
90	76.1	274.7	360,400 *
95	75.0	273.3	326,300 *
100	73.9	271.9	296,000 *
105	72.8	270.4	269,000 *
110	71.7	268.7	244,600 *
115	70.6	266.9	222,400 *
120	69.5	265.1	202,200 *
125	68.4	263.1	183,500 *
130	67.3	261.0	166,200 *
135	66.1	258.8	150,200 *
140	65.0	256.4	135,200 *
145	63.8	254.0	121,200 *
150	62.6	251.4	108,000 *
155	61.4	248.7	95,500 *
160	60.2	245.8	83,700 *
165	59.0	242.8	72,500 *
170	57.8	239.7	61,900 *
175	56.6	236.4	51,700 *
180	55.3	232.9	42,000 *
185	54.0	229.3	32,700 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
65	82.1	305.2	360,000 *
70	81.1	304.4	360,000 *
75	80.2	303.6	360,000 *
80	79.2	302.6	355,400 *
85	78.2	301.6	350,300 *
90	77.3	300.4	327,300 *
95	76.3	299.2	295,400 *
100	75.3	297.9	267,300 *
105	74.3	296.5	242,200 *
110	73.3	295.0	219,600 *
115	72.3	293.4	199,000 *
120	71.3	291.7	180,300 *
125	70.3	289.9	163,200 *
130	69.2	288.0	147,300 *
135	68.2	286.0	132,600 *
140	67.2	283.9	118,900 *
145	66.1	281.7	106,100 *
150	65.1	279.4	94,100 *
155	64.0	276.9	82,800 *
160	63.0	274.4	72,100 *
165	61.9	271.7	61,900 *
170	60.8	268.9	52,300 *
175	59.7	266.0	43,100 *
180	58.5	263.0	34,400 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

280 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,077,900 *
45	80.2	131.2	968,300 *
50	77.9	130.1	874,200 *
55	75.5	128.8	792,400 *
60	73.1	127.3	720,800 *
65	70.7	125.5	657,400 *
70	68.2	123.5	601,100 *
75	65.7	121.3	550,600 *
80	63.2	118.8	498,400 *
85	60.5	115.9	422,100 *
90	57.8	112.8	356,200 *
95	55.0	109.3	298,700 *
100	52.2	105.5	247,800 *
105	49.1	101.2	202,200 *
110	46.0	96.4	161,000 *
115	42.6	91.1	123,300 *
120	39.0	85.0	88,400 *
125	35.1	78.1	55,600 *
150 Ft. BOOM			
45	81.9	156.5	966,400 *
50	79.9	155.6	873,900 *
55	78.0	154.6	793,600 *
60	76.0	153.3	723,200 *
65	74.0	151.9	661,100 *
70	72.0	150.3	605,700 *
75	70.0	148.5	556,200 *
80	67.9	146.4	511,500 *
85	65.9	144.2	471,100 *
90	63.7	141.7	434,300 *
95	61.6	139.0	380,400 *
100	59.3	136.1	329,700 *
105	57.1	132.9	284,500 *
110	54.7	129.3	243,800 *
115	52.3	125.5	206,900 *
120	49.8	121.3	173,200 *
125	47.2	116.7	142,200 *
130	44.5	111.7	113,400 *
135	41.7	106.2	86,500 *
140	38.7	100.0	61,100 *
145	35.4	93.2	36,900 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
175 Ft. BOOM			
50	81.4	181.1	870,900 *
55	79.7	180.1	791,600 *
60	78.1	179.1	722,200 *
65	76.4	177.9	660,900 *
70	74.7	176.5	606,300 *
75	73.0	175.0	557,400 *
80	71.2	173.3	513,400 *
85	69.5	171.4	473,500 *
90	67.7	169.3	437,200 *
95	65.9	167.1	404,000 *
100	64.1	164.7	360,600 *
105	62.3	162.1	318,800 *
110	60.4	159.2	281,000 *
115	58.5	156.2	246,700 *
120	56.5	152.9	215,300 *
125	54.5	149.3	186,500 *
130	52.4	145.5	159,800 *
135	50.3	141.4	135,000 *
140	48.1	136.9	111,800 *
145	45.9	132.1	90,100 *
150	43.5	126.9	69,500 *
155	41.0	121.2	49,900 *
160	38.4	115.0	31,200 *
200 Ft. BOOM			
50	82.5	206.3	759,900 *
55	81.0	205.6	753,300 *
60	79.6	204.6	718,900 *
65	78.1	203.6	658,300 *
70	76.6	202.4	604,400 *
75	75.2	201.1	556,100 *
80	73.7	199.6	512,600 *
85	72.2	198.0	473,200 *
90	70.6	196.2	437,400 *
95	69.1	194.3	397,800 *
100	67.6	192.3	356,400 *
105	66.0	190.0	319,300 *
110	64.4	187.6	285,800 *
115	62.8	185.1	255,100 *
120	61.2	182.3	227,100 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
125	59.5	179.4	201,200 *
130	57.8	176.3	177,300 *
135	56.1	172.9	155,000 *
140	54.3	169.3	134,200 *
145	52.5	165.5	114,600 *
150	50.7	161.4	96,200 *
155	48.8	157.1	78,800 *
160	46.8	152.4	62,300 *
165	44.8	147.4	46,500 *
170	42.7	142.1	31,400 *
225 Ft. BOOM			
55	82.0	230.9	637,800 *
60	80.7	230.1	626,200 *
65	79.5	229.1	614,400 *
70	78.2	228.1	601,300 *
75	76.8	226.9	553,500 *
80	75.5	225.6	510,400 *
85	74.2	224.2	459,300 *
90	72.9	222.7	412,700 *
95	71.5	221.0	371,700 *
100	70.2	219.2	335,100 *
105	68.8	217.2	302,300 *
110	67.4	215.2	272,500 *
115	66.0	212.9	245,400 *
120	64.6	210.6	220,600 *
125	63.2	208.1	197,600 *
130	61.8	205.4	176,400 *
135	60.3	202.5	156,600 *
140	58.8	199.5	138,100 *
145	57.3	196.3	120,700 *
150	55.8	192.9	104,400 *
155	54.2	189.3	88,900 *
160	52.6	185.5	74,200 *
165	51.0	181.5	60,300 *
170	49.3	177.2	47,000 *
175	47.6	172.7	34,200 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A

Luffing Jib No. 49A-44

45 Ft. RINGER Attachment on Screw Jack Pedestals

1,395,100 Lb. Auxiliary Counterweight

360 Degree Rating

280 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
55	82.8	256.1	530,700 *
60	81.7	255.4	522,200 *
65	80.5	254.6	513,600 *
70	79.4	253.6	504,700 *
75	78.2	252.6	495,700 *
80	77.0	251.4	466,000 *
85	75.8	250.2	417,900 *
90	74.6	248.8	376,000 *
95	73.4	247.3	339,200 *
100	72.2	245.7	306,500 *
105	71.0	244.0	277,100 *
110	69.8	242.1	250,600 *
115	68.6	240.2	226,400 *
120	67.3	238.1	204,200 *
125	66.1	235.9	183,800 *
130	64.8	233.5	164,900 *
135	63.5	231.0	147,200 *
140	62.2	228.4	130,800 *
145	60.9	225.6	115,300 *
150	59.6	222.7	100,800 *
155	58.3	219.6	87,100 *
160	56.9	216.4	74,000 *
165	55.5	212.9	61,700 *
170	54.1	209.3	49,900 *
175	52.6	205.5	38,600 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
60	82.4	280.7	439,400 *
65	81.4	279.9	433,200 *
70	80.3	279.1	426,700 *
75	79.3	278.1	419,800 *
80	78.2	277.1	412,800 *
85	77.1	275.9	379,300 *
90	76.1	274.7	340,900 *
95	75.0	273.3	307,200 *
100	73.9	271.9	277,300 *
105	72.8	270.4	250,600 *
110	71.7	268.7	226,400 *
115	70.6	266.9	204,500 *
120	69.5	265.1	184,600 *
125	68.4	263.1	166,100 *
130	67.3	261.0	149,000 *
135	66.1	258.8	133,200 *
140	65.0	256.4	118,300 *
145	63.8	254.0	104,500 *
150	62.6	251.4	91,400 *
155	61.4	248.7	79,100 *
160	60.2	245.8	67,400 *
165	59.0	242.8	56,300 *
170	57.8	239.7	45,800 *
175	56.6	236.4	35,800 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
65	82.1	305.2	346,300 *
70	81.1	304.4	346,300 *
75	80.2	303.6	345,800 *
80	79.2	302.6	340,700 *
85	78.2	301.6	335,500 *
90	77.3	300.4	308,400 *
95	76.3	299.2	277,000 *
100	75.3	297.9	249,200 *
105	74.3	296.5	224,400 *
110	73.3	295.0	202,000 *
115	72.3	293.4	181,800 *
120	71.3	291.7	163,300 *
125	70.3	289.9	146,300 *
130	69.2	288.0	130,700 *
135	68.2	286.0	116,200 *
140	67.2	283.9	102,600 *
145	66.1	281.7	90,000 *
150	65.1	279.4	78,100 *
155	64.0	276.9	66,900 *
160	63.0	274.4	56,400 *
165	61.9	271.7	46,300 *
170	60.8	268.9	36,800 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

300 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,056,200 *
45	80.2	131.2	946,200 *
50	77.9	130.1	851,700 *
55	75.5	128.8	769,600 *
60	73.1	127.3	697,700 *
65	70.7	125.5	634,100 *
70	68.2	123.5	577,500 *
75	65.7	121.3	526,900 *
80	63.2	118.8	463,700 *
85	60.5	115.9	388,000 *
90	57.8	112.8	322,800 *
95	55.0	109.3	265,800 *
100	52.2	105.5	215,300 *
105	49.1	101.2	170,200 *
110	46.0	96.4	129,400 *
115	42.6	91.1	92,100 *
120	39.0	85.0	57,500 *
150 Ft. BOOM			
45	81.9	156.5	945,600 *
50	79.9	155.6	852,800 *
55	78.0	154.6	772,300 *
60	76.0	153.3	701,800 *
65	74.0	151.9	639,500 *
70	72.0	150.3	584,000 *
75	70.0	148.5	534,300 *
80	67.9	146.4	489,600 *
85	65.9	144.2	449,000 *
90	63.7	141.7	407,200 *
95	61.6	139.0	350,300 *
100	59.3	136.1	300,100 *
105	57.1	132.9	255,300 *
110	54.7	129.3	215,000 *
115	52.3	125.5	178,400 *
120	49.8	121.3	145,000 *
125	47.2	116.7	114,300 *
130	44.5	111.7	85,800 *
135	41.7	106.2	59,200 *
140	38.7	100.0	34,000 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
175 Ft. BOOM			
50	81.4	181.1	850,700 *
55	79.7	180.1	771,300 *
60	78.1	179.1	701,800 *
65	76.4	177.9	640,400 *
70	74.7	176.5	585,700 *
75	73.0	175.0	536,800 *
80	71.2	173.3	492,700 *
85	69.5	171.4	452,700 *
90	67.7	169.3	416,400 *
95	65.9	167.1	379,400 *
100	64.1	164.7	333,100 *
105	62.3	162.1	291,700 *
110	60.4	159.2	254,300 *
115	58.5	156.2	220,300 *
120	56.5	152.9	189,200 *
125	54.5	149.3	160,600 *
130	52.4	145.5	134,200 *
135	50.3	141.4	109,600 *
140	48.1	136.9	86,700 *
145	45.9	132.1	65,100 *
150	43.5	126.9	44,700 *
200 Ft. BOOM			
50	82.5	206.3	741,800 *
55	81.0	205.6	734,500 *
60	79.6	204.6	699,200 *
65	78.1	203.6	638,600 *
70	76.6	202.4	584,600 *
75	75.2	201.1	536,300 *
80	73.7	199.6	492,800 *
85	72.2	198.0	453,400 *
90	70.6	196.2	417,400 *
95	69.1	194.3	371,400 *
100	67.6	192.3	330,500 *
105	66.0	190.0	293,800 *
110	64.4	187.6	260,600 *
115	62.8	185.1	230,300 *
120	61.2	182.3	202,500 *
125	59.5	179.4	176,900 *
130	57.8	176.3	153,200 *
135	56.1	172.9	131,100 *
140	54.3	169.3	110,500 *
145	52.5	165.5	91,200 *
150	50.7	161.4	72,900 *
155	48.8	157.1	55,700 *
160	46.8	152.4	39,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
225 Ft. BOOM			
55	82.0	230.9	621,200 *
60	80.7	230.1	609,400 *
65	79.5	229.1	597,500 *
70	78.2	228.1	582,200 *
75	76.8	226.9	534,400 *
80	75.5	225.6	485,600 *
85	74.2	224.2	433,200 *
90	72.9	222.7	387,200 *
95	71.5	221.0	346,600 *
100	70.2	219.2	310,500 *
105	68.8	217.2	278,000 *
110	67.4	215.2	248,600 *
115	66.0	212.9	221,800 *
120	64.6	210.6	197,200 *
125	63.2	208.1	174,500 *
130	61.8	205.4	153,500 *
135	60.3	202.5	133,900 *
140	58.8	199.5	115,600 *
145	57.3	196.3	98,400 *
150	55.8	192.9	82,300 *
155	54.2	189.3	67,000 *
160	52.6	185.5	52,400 *
165	51.0	181.5	38,600 *
250 Ft. BOOM			
55	82.8	256.1	514,300 *
60	81.7	255.4	505,700 *
65	80.5	254.6	496,900 *
70	79.4	253.6	487,900 *
75	78.2	252.6	478,800 *
80	77.0	251.4	440,300 *
85	75.8	250.2	392,800 *
90	74.6	248.8	351,500 *
95	73.4	247.3	315,200 *
100	72.2	245.7	282,900 *
105	71.0	244.0	253,900 *
110	69.8	242.1	227,600 *
115	68.6	240.2	203,800 *
120	67.3	238.1	181,900 *
125	66.1	235.9	161,700 *
130	64.8	233.5	143,000 *
135	63.5	231.0	125,600 *
140	62.2	228.4	109,300 *
145	60.9	225.6	94,000 *
150	59.6	222.7	79,700 *
155	58.3	219.6	66,100 *
160	56.9	216.4	53,200 *
165	55.5	212.9	41,000 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A

Luffing Jib No. 49A-44

45 Ft. RINGER Attachment on Screw Jack Pedestals

1,395,100 Lb. Auxiliary Counterweight

360 Degree Rating

300 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
60	82.4	280.7	422,600 *
65	81.4	279.9	416,300 *
70	80.3	279.1	409,800 *
75	79.3	278.1	402,800 *
80	78.2	277.1	395,700 *
85	77.1	275.9	355,100 *
90	76.1	274.7	317,200 *
95	75.0	273.3	284,000 *
100	73.9	271.9	254,600 *
105	72.8	270.4	228,200 *
110	71.7	268.7	204,400 *
115	70.6	266.9	182,700 *
120	69.5	265.1	163,100 *
125	68.4	263.1	144,800 *
130	67.3	261.0	128,000 *
135	66.1	258.8	112,300 *
140	65.0	256.4	97,700 *
145	63.8	254.0	84,000 *
150	62.6	251.4	71,100 *
155	61.4	248.7	58,900 *
160	60.2	245.8	47,400 *
165	59.0	242.8	36,500 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
65	82.1	305.2	331,100 *
70	81.1	304.4	331,100 *
75	80.2	303.6	329,200 *
80	79.2	302.6	324,100 *
85	78.2	301.6	318,800 *
90	77.3	300.4	285,400 *
95	76.3	299.2	254,500 *
100	75.3	297.9	227,100 *
105	74.3	296.5	202,600 *
110	73.3	295.0	180,600 *
115	72.3	293.4	160,700 *
120	71.3	291.7	142,500 *
125	70.3	289.9	125,700 *
130	69.2	288.0	110,300 *
135	68.2	286.0	96,000 *
140	67.2	283.9	82,700 *
145	66.1	281.7	70,200 *
150	65.1	279.4	58,500 *
155	64.0	276.9	47,400 *
160	63.0	274.4	37,000 *

Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A
Luffing Jib No. 49A-44
45 Ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

320 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,037,300 *
45	80.2	131.2	926,800 *
50	77.9	130.1	831,900 *
55	75.5	128.8	749,500 *
60	73.1	127.3	677,300 *
65	70.7	125.5	613,500 *
70	68.2	123.5	556,700 *
75	65.7	121.3	505,900 *
80	63.2	118.8	431,800 *
85	60.5	115.9	356,800 *
90	57.8	112.8	292,100 *
95	55.0	109.3	235,600 *
100	52.2	105.5	185,700 *
105	49.1	101.2	141,000 *
110	46.0	96.4	100,600 *
115	42.6	91.1	56,400 *
150 Ft. BOOM			
45	81.9	156.5	927,200 *
50	79.9	155.6	834,200 *
55	78.0	154.6	753,500 *
60	76.0	153.3	682,800 *
65	74.0	151.9	620,300 *
70	72.0	150.3	564,700 *
75	70.0	148.5	514,900 *
80	67.9	146.4	470,100 *
85	65.9	144.2	429,500 *
90	63.7	141.7	379,400 *
95	61.6	139.0	323,000 *
100	59.3	136.1	273,200 *
105	57.1	132.9	228,800 *
110	54.7	129.3	188,800 *
115	52.3	125.5	152,600 *
120	49.8	121.3	119,600 *
125	47.2	116.7	89,100 *
130	44.5	111.7	60,900 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
175 Ft. BOOM			
50	81.4	181.1	832,800 *
55	79.7	180.1	753,300 *
60	78.1	179.1	683,700 *
65	76.4	177.9	622,200 *
70	74.7	176.5	567,500 *
75	73.0	175.0	518,500 *
80	71.2	173.3	474,400 *
85	69.5	171.4	434,400 *
90	67.7	169.3	398,000 *
95	65.9	167.1	354,100 *
100	64.1	164.7	308,300 *
105	62.3	162.1	267,200 *
110	60.4	159.2	230,100 *
115	58.5	156.2	196,500 *
120	56.5	152.9	165,700 *
125	54.5	149.3	137,300 *
130	52.4	145.5	111,200 *
135	50.3	141.4	86,900 *
140	48.1	136.9	64,100 *
145	45.9	132.1	42,800 *
200 Ft. BOOM			
50	82.5	206.3	724,200 *
55	81.0	205.6	716,300 *
60	79.6	204.6	681,900 *
65	78.1	203.6	621,200 *
70	76.6	202.4	567,300 *
75	75.2	201.1	519,000 *
80	73.7	199.6	475,400 *
85	72.2	198.0	436,000 *
90	70.6	196.2	393,200 *
95	69.1	194.3	347,700 *
100	67.6	192.3	307,200 *
105	66.0	190.0	270,800 *
110	64.4	187.6	238,000 *
115	62.8	185.1	208,000 *
120	61.2	182.3	180,500 *
125	59.5	179.4	155,100 *
130	57.8	176.3	131,600 *
135	56.1	172.9	109,800 *
140	54.3	169.3	89,400 *
145	52.5	165.5	70,200 *
150	50.7	161.4	52,200 *
155	48.8	157.1	35,100 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
225 Ft. BOOM			
55	82.0	230.9	605,400 *
60	80.7	230.1	593,300 *
65	79.5	229.1	581,200 *
70	78.2	228.1	565,500 *
75	76.8	226.9	517,700 *
80	75.5	225.6	461,400 *
85	74.2	224.2	409,600 *
90	72.9	222.7	364,200 *
95	71.5	221.0	324,100 *
100	70.2	219.2	288,400 *
105	68.8	217.2	256,300 *
110	67.4	215.2	227,200 *
115	66.0	212.9	200,700 *
120	64.6	210.6	176,400 *
125	63.2	208.1	153,900 *
130	61.8	205.4	133,100 *
135	60.3	202.5	113,800 *
140	58.8	199.5	95,700 *
145	57.3	196.3	78,700 *
150	55.8	192.9	62,700 *
155	54.2	189.3	47,500 *
160	52.6	185.5	33,200 *
250 Ft. BOOM			
55	82.8	256.1	498,700 *
60	81.7	255.4	489,900 *
65	80.5	254.6	481,000 *
70	79.4	253.6	471,800 *
75	78.2	252.6	462,400 *
80	77.0	251.4	417,100 *
85	75.8	250.2	370,300 *
90	74.6	248.8	329,500 *
95	73.4	247.3	293,600 *
100	72.2	245.7	261,700 *
105	71.0	244.0	233,100 *
110	69.8	242.1	207,200 *
115	68.6	240.2	183,600 *
120	67.3	238.1	162,000 *
125	66.1	235.9	142,000 *
130	64.8	233.5	123,600 *
135	63.5	231.0	106,400 *
140	62.2	228.4	90,300 *
145	60.9	225.6	75,200 *
150	59.6	222.7	61,000 *
155	58.3	219.6	47,600 *
160	56.9	216.4	34,900 *



Liftcrane Boom Capacities With Luffing Jib Attached

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B - 120 Ft. Mast No. 49A

Luffing Jib No. 49A-44

45 Ft. RINGER Attachment on Screw Jack Pedestals

1,395,100 Lb. Auxiliary Counterweight

360 Degree Rating

320 Ft. Luffing Jib, Attached At 168 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
60	82.4	280.7	406,600 *
65	81.4	279.9	400,200 *
70	80.3	279.1	393,600 *
75	79.3	278.1	386,500 *
80	78.2	277.1	376,400 *
85	77.1	275.9	333,300 *
90	76.1	274.7	296,000 *
95	75.0	273.3	263,300 *
100	73.9	271.9	234,200 *
105	72.8	270.4	208,200 *
110	71.7	268.7	184,700 *
115	70.6	266.9	163,400 *
120	69.5	265.1	144,000 *
125	68.4	263.1	126,000 *
130	67.3	261.0	109,400 *
135	66.1	258.8	93,900 *
140	65.0	256.4	79,500 *
145	63.8	254.0	65,900 *
150	62.6	251.4	53,200 *
155	61.4	248.7	41,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
65	82.1	305.2	316,700 *
70	81.1	304.4	316,700 *
75	80.2	303.6	313,300 *
80	79.2	302.6	308,300 *
85	78.2	301.6	299,700 *
90	77.3	300.4	264,900 *
95	76.3	299.2	234,400 *
100	75.3	297.9	207,400 *
105	74.3	296.5	183,400 *
110	73.3	295.0	161,700 *
115	72.3	293.4	142,000 *
120	71.3	291.7	124,100 *
125	70.3	289.9	107,600 *
130	69.2	288.0	92,400 *
135	68.2	286.0	78,200 *
140	67.2	283.9	65,100 *
145	66.1	281.7	52,800 *
150	65.1	279.4	41,200 *
155	64.0	276.9	30,300 *