

Liftcrane Luffing Jib Capacities

**Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
45 Ft. RINGER Attachment On Screw Jack Pedestals
867,100 Lb. Auxiliary Counterweight
360 Degree Rating**

888 RINGER

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

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 38,000 Lb. minimum weight suspended below luffing jib point.

Upper luffing jib point capacity for liftcrane service with single part whip line is 32,300 Lbs. or 64,600 Lbs. with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 20,000 Lbs. or 40,000 Lbs. with two part whip line. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.

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

OPERATING CONDITIONS: Machine to operate 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, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 178033**, Wire Rope Specification chart **No. 7928-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. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

MACHINE EQUIPMENT: Machine equipped with 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, 14 part luffing jib hoist reeving, strap luffing jib supports and backstays, and 867,100 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. Refer to Counterweight Assembly.

Consult chart **No. 7927-B** for lifting off lower boom point with luffing jib attached.



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125 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.2	231.7	551,200 *b																65
70	70.2	229.8	551,200 *b																70
75	67.1	227.7	523,400 *b																75
80	63.9	225.3	488,000 *																80
85	60.6	222.4	443,800 *	67.8	226.7	522,400 b													85
90	57.2	219.2	404,200 *	64.6	224.3	483,400													90
95	53.6	215.5	368,000 *	61.3	221.6	449,500													95
100	49.9	211.4	333,200 *	58.0	218.4	413,200 *													100
105	45.9	206.6	302,500 *	54.5	214.9	376,600 *	62.0	219.6	383,400										105
110	41.7	201.0	275,100 *	50.8	210.8	345,700 *	58.6	216.6	360,700										110
115	37.0	194.6	250,000 *	46.9	206.2	315,200 *	55.1	213.1	340,400										115
120	31.7	186.8	226,400 *	42.7	200.8	287,200 *	51.5	209.1	322,100	59.1	213.6	313,400							120
130	16.6	162.6	174,000 *	32.9	187.1	238,000 *	43.5	199.4	290,400	52.0	206.3	282,600							130
140				19.0	165.0	191,200 *	34.0	186.2	248,300 *	44.1	196.7	256,800	52.3	202.2	250,000				140
150							20.7	165.4	202,400 *	34.7	183.8	234,800	44.4	192.7	228,700				150
160										21.9	163.9	211,600 *	35.1	180.0	210,300	44.3	187.4	204,800	160
170													22.5	160.5	194,000	35.0	174.6	189,200	170
180																22.4	155.1	175,200	180



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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125 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.6	251.1	531,000 *b																70
75	71.1	249.3	506,300 *b																75
80	68.5	247.4	473,200 *																80
85	65.9	245.1	443,400 *																85
90	63.2	242.6	407,100 *	69.1	246.3	480,400													90
95	60.5	239.8	371,400 *	66.5	244.1	446,600													95
100	57.7	236.6	341,100 *	63.8	241.6	416,200 *													100
105	54.7	233.1	313,600 *	61.1	238.9	379,100 *													105
110	51.7	229.1	287,800 *	58.3	235.8	347,700 *	64.4	239.6	357,600										110
115	48.5	224.7	264,800 *	55.4	232.4	320,700 *	61.6	236.9	337,400										115
120	45.2	219.8	244,000 *	52.4	228.5	297,400 *	58.9	233.9	319,200										120
130	37.8	207.9	207,400 *	46.0	219.5	253,400 *	53.0	226.8	287,700	59.3	230.9	279,400							130
140	28.7	191.8	174,700 *	38.7	207.9	216,300 *	46.6	217.9	261,400	53.4	223.9	253,900							140
150	15.0	165.1	137,600 *	29.9	192.4	183,500 *	39.4	206.7	224,000 *	47.1	215.1	232,200	53.6	219.8	225,500				150
160				17.2	167.9	150,600 *	30.8	191.7	191,300 *	40.0	204.1	213,500	47.3	211.1	207,400				160
170							18.8	168.6	159,300 *	31.5	189.4	197,200	40.2	200.2	191,600	47.3	205.8	186,200	170
180										19.9	167.3	166,500 *	31.8	185.7	177,700	40.2	194.8	172,700	180
190													20.4	164.0	165,100	31.8	180.3	160,700	190
200																20.3	158.5	149,700	200



Liftcrane Luffing Jib Capacities

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125 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	73.9	270.5	487,900 *																75
80	71.7	268.8	457,800 *																80
85	69.5	266.9	430,400 *																85
90	67.3	264.8	405,300 *																90
95	65.1	262.5	371,800 *																95
100	62.8	259.9	341,100 *	67.8	263.8	414,000													100
105	60.4	257.1	314,800 *	65.6	261.5	379,500 *													105
110	58.0	253.9	291,900 *	63.3	259.0	347,800 *													110
115	55.5	250.5	270,500 *	61.0	256.2	320,500 *													115
120	53.0	246.8	250,500 *	58.6	253.1	296,900 *	63.7	257.0	315,900										120
130	47.5	238.1	216,200 *	53.6	246.1	258,000 *	59.0	251.2	284,600										130
140	41.6	227.5	187,200 *	48.2	237.6	223,700 *	54.1	244.3	258,500	59.4	248.2	250,500							140
150	34.8	214.2	161,800 *	42.3	227.3	194,300 *	48.7	236.0	230,000 *	54.4	241.4	229,000							150
160	26.4	196.5	138,200 *	35.6	214.4	168,800 *	42.9	225.9	200,600 *	49.1	233.2	210,500	54.6	237.3	204,100				160
170	13.8	167.3	110,200 *	27.5	197.3	145,200 *	36.3	213.2	174,900 *	43.3	223.2	194,500	49.3	229.1	188,500				170
180				15.8	170.5	120,600 *	28.4	196.7	151,500 *	36.8	210.8	180,000 *	43.5	219.2	174,800	49.3	223.8	169,400	180
190							17.3	171.5	127,600 *	29.0	194.6	156,800 *	37.1	206.9	162,600	43.5	213.9	157,600	190
200										18.3	170.4	133,500 *	29.3	190.9	151,700	37.0	201.5	147,000	200
210													18.8	167.2	138,200 *	29.3	185.5	137,500	210
220																18.7	161.7	128,600	220



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125 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	74.1	289.8	440,400 *																80
85	72.2	288.2	415,500 *																85
90	70.3	286.4	392,600 *																90
95	68.4	284.4	371,300 *																95
100	66.4	282.2	344,500 *																100
105	64.4	279.9	316,200 *	68.8	283.4	384,400 *													105
110	62.4	277.2	291,400 *	66.9	281.2	351,600 *													110
115	60.4	274.4	269,400 *	64.9	278.9	323,500 *													115
120	58.3	271.3	249,900 *	62.9	276.3	299,100 *													120
130	53.9	264.3	216,500 *	58.7	270.5	257,700 *	63.3	274.3	282,100										130
140	49.2	256.1	188,800 *	54.4	263.6	223,600 *	59.2	268.6	256,000										140
150	44.2	246.3	165,100 *	49.8	255.5	195,400 *	54.8	261.8	229,700 *	59.4	265.5	226,500							150
160	38.7	234.6	144,400 *	44.8	246.0	171,400 *	50.3	253.9	201,100 *	55.1	258.9	208,100							160
170	32.4	220.0	125,500 *	39.4	234.5	150,500 *	45.3	244.4	176,900 *	50.6	251.0	192,200							170
180	24.6	200.8	107,400 *	33.2	220.3	131,500 *	39.9	233.2	155,800 *	45.7	241.7	178,200	50.8	246.9	172,400				180
190	12.8	169.4	82,600 *	25.6	201.8	113,500 *	33.8	219.3	136,900 *	40.3	230.6	160,300 *	45.9	237.7	160,400				190
200				14.7	173.0	93,200 *	26.5	201.4	119,100 *	34.3	217.0	141,400 *	40.5	226.6	149,600	45.8	232.4	144,700	200
210										27.0	199.4	123,800 *	34.5	213.1	139,900	40.5	221.3	135,400	210
220										16.1	174.2	100,200 *	27.3	195.7	127,600 *	34.5	207.8	126,900	220
230													17.5	170.1	109,700 *	27.3	190.3	119,100	230
240																17.4	164.7	111,800	240



Liftcrane Luffing Jib Capacities

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Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
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125 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	74.3	309.2	399,700 *																85
90	72.6	307.6	379,000 *																90
95	70.9	305.9	359,600 *																95
100	69.2	304.0	341,500 *																100
105	67.5	301.9	315,000 *																105
110	65.7	299.7	291,400 *	69.6	302.9	349,500 *													110
115	64.0	297.2	270,000 *	67.9	300.9	321,300 *													115
120	62.2	294.6	250,700 *	66.1	298.6	296,800 *													120
130	58.5	288.6	217,700 *	62.6	293.6	256,600 *													130
140	54.6	281.8	190,600 *	58.9	287.8	224,200 *	62.9	291.6	252,800										140
150	50.5	273.9	167,800 *	55.0	281.1	196,600 *	59.2	285.9	227,700 *										150
160	46.2	264.7	148,100 *	51.0	273.3	173,400 *	55.4	279.3	201,300 *	59.5	282.9	204,700							160
170	41.5	254.0	130,700 *	46.7	264.3	153,400 *	51.4	271.6	178,200 *	55.7	276.3	188,900							170
180	36.4	241.2	115,000 *	42.1	253.7	135,900 *	47.2	262.7	158,100 *	51.7	268.7	175,000							180
190	30.4	225.5	100,400 *	37.0	241.2	120,100 *	42.6	252.3	140,400 *	47.5	259.9	161,900 *	51.8	264.6	157,000				190
200	23.1	204.8	86,000 *	31.2	225.9	105,500 *	37.5	240.0	124,600 *	42.9	249.6	144,200 *	47.6	255.9	146,400				200
210	12.0	171.4	65,700 *	24.1	206.0	91,300 *	31.8	225.0	110,100 *	37.9	237.5	128,400 *	43.1	245.7	136,800	47.6	250.5	132,000	210
220				13.8	175.3	74,900 *	24.9	205.7	96,000 *	32.2	222.7	114,000 *	38.1	233.6	128,200	43.0	240.3	123,600	220
230							15.1	176.8	80,900 *	25.4	203.8	100,100 *	32.4	218.9	117,100 *	38.0	228.2	116,000	230
240										16.0	176.0	85,400 *	25.7	200.2	103,400 *	32.4	213.6	109,100	240
250													16.4	172.9	89,100 *	25.6	194.8	102,600	250
260																16.3	167.4	91,800 *	260



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125 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	74.4	328.6	363,600 *																90
95	72.9	327.0	346,200 *																95
100	71.4	325.4	329,800 *																100
105	69.8	323.5	313,300 *																105
110	68.3	321.5	289,600 *																110
115	66.7	319.4	268,800 *																115
120	65.2	317.0	250,400 *	68.7	320.4	295,000 *													120
130	61.9	311.9	218,200 *	65.5	316.0	254,700 *													130
140	58.6	306.0	191,500 *	62.3	311.0	222,800 *													140
150	55.2	299.2	169,000 *	59.0	305.1	197,000 *	62.6	309.0	225,800 *										150
160	51.5	291.6	149,800 *	55.6	298.5	174,200 *	59.3	303.2	199,400 *										160
170	47.7	282.8	133,100 *	52.0	291.0	154,700 *	55.9	296.7	177,700 *	59.6	300.2	186,300							170
180	43.7	272.8	118,400 *	48.2	282.3	137,800 *	52.3	289.2	158,800 *	56.1	293.7	172,500							180
190	39.3	261.1	105,000 *	44.2	272.5	122,900 *	48.6	280.7	141,800 *	52.6	286.3	160,300							190
200	34.4	247.4	92,700 *	39.8	261.0	109,400 *	44.6	271.0	126,800 *	48.8	277.9	143,700 *	52.7	282.2	143,900				200
210	28.8	230.6	81,000 *	35.0	247.5	97,100 *	40.2	259.7	113,300 *	44.8	268.2	128,800 *	49.0	273.8	134,400				210
220	21.9	208.7	69,300 *	29.5	231.2	85,400 *	35.5	246.4	101,000 *	40.6	257.1	115,900 *	45.0	264.2	125,900	48.9	268.5	121,100	220
230	11.4	173.3	52,200 *	22.8	210.0	73,900 *	30.1	230.4	89,400 *	35.8	244.0	104,300 *	40.7	253.1	116,300 *	45.0	258.9	113,600	230
240				13.0	177.4	60,300 *	23.5	209.8	78,000 *	30.5	228.2	92,800 *	36.0	240.1	105,200 *	40.7	247.8	106,800	240
250							14.3	179.2	65,500 *	24.0	208.0	81,600 *	30.7	224.4	95,200 *	36.0	234.8	100,500	250
260										15.1	178.6	69,500 *	24.3	204.5	84,500 *	30.6	219.0	94,700	260
270													15.5	175.6	72,800 *	24.3	199.1	86,400 *	270
280																15.4	170.1	75,200 *	280



Liftcrane Luffing Jib Capacities

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Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
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 360 Degree Rating

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 The Scope of ANSI B30.5

125 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	74.5	348.0	332,000 *																95
100	73.1	346.4	317,400 *																100
105	71.8	344.8	303,400 *																105
110	70.4	343.0	286,900 *																110
115	69.0	341.1	266,400 *																115
120	67.6	339.0	247,900 *																120
130	64.7	334.4	216,800 *	67.9	337.9	252,300 *													130
140	61.8	329.2	190,700 *	65.0	333.4	220,300 *													140
150	58.7	323.3	168,400 *	62.1	328.3	194,400 *													150
160	55.6	316.7	149,500 *	59.1	322.5	172,900 *	62.4	326.3	196,800 *										160
170	52.4	309.2	133,200 *	56.0	315.9	153,400 *	59.4	320.6	175,000 *										170
180	49.0	300.8	118,800 *	52.7	308.5	136,600 *	56.3	314.1	155,200 *	59.6	317.5	169,100							180
190	45.4	291.3	106,000 *	49.4	300.2	122,300 *	53.1	306.8	138,100 *	56.5	311.1	156,500 *							190
200	41.5	280.4	94,400 *	45.8	290.9	110,000 *	49.7	298.6	123,600 *	53.3	303.9	139,300 *							200
210	37.4	267.9	83,800 *	42.0	280.2	98,300 *	46.1	289.3	111,000 *	49.9	295.7	124,500 *	53.4	299.8	131,000				210
220	32.7	253.2	73,800 *	37.8	267.9	87,600 *	42.4	278.8	100,300 *	46.4	286.5	112,000 *	50.1	291.7	122,600				220
230	27.4	235.4	64,200 *	33.3	253.5	77,700 *	38.3	266.6	90,400 *	42.6	276.1	101,000 *	46.5	282.5	112,400 *	50.0	286.3	110,200	230
240	20.8	212.3	54,400 *	28.1	236.1	68,100 *	33.7	252.5	81,100 *	38.6	264.1	91,300 *	42.8	272.1	101,400 *	46.5	277.2	103,400	240
250	10.8	175.1	39,700 *	21.7	213.8	58,500 *	28.6	235.5	71,600 *	34.1	250.1	82,700 *	38.7	260.2	91,700 *	42.7	266.8	97,200	250
260				12.4	179.5	46,900 *	22.4	213.7	62,200 *	29.0	233.3	74,700 *	34.3	246.3	83,100 *	38.7	254.8	91,500	260
270							13.6	181.5	51,600 *	22.9	212.0	65,400 *	29.2	229.6	75,400 *	34.2	240.9	83,100 *	270
280										14.4	181.0	55,200 *	23.1	208.5	68,000 *	29.2	224.2	75,400 *	280
290													14.8	178.1	58,100 *	23.1	203.1	68,500 *	290
300																14.7	172.6	60,400 *	300



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

125 Ft. Boom, 240 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	74.6	367.3	303,100 *																100
105	73.3	365.8	290,800 *																105
110	72.1	364.2	277,700 *																110
115	70.8	362.5	260,700 *																115
120	69.5	360.6	245,200 *																120
130	66.9	356.5	214,500 *	69.8	359.5	248,000 *													130
140	64.3	351.8	189,200 *	67.2	355.4	217,900 *													140
150	61.6	346.5	167,100 *	64.6	350.8	192,000 *													150
160	58.8	340.6	147,600 *	61.9	345.6	169,600 *	64.9	348.8	194,500 *										160
170	56.0	334.1	131,200 *	59.2	339.8	149,700 *	62.2	343.6	171,700 *										170
180	53.0	326.8	117,100 *	56.3	333.3	132,900 *	59.4	337.9	151,500 *										180
190	50.0	318.6	104,900 *	53.4	326.1	118,600 *	56.6	331.5	134,400 *	59.6	334.8	152,700 *							190
200	46.7	309.5	94,200 *	50.3	318.0	106,400 *	53.7	324.3	120,000 *	56.8	328.5	135,500 *							200
210	43.3	299.3	84,900 *	47.1	309.0	95,600 *	50.6	316.3	107,500 *	53.9	321.4	121,000 *							210
220	39.6	287.7	75,600 *	43.7	298.9	86,000 *	47.4	307.4	96,700 *	50.8	313.5	108,400 *	54.0	317.3	120,000				220
230	35.7	274.4	66,900 *	40.1	287.5	77,600 *	44.0	297.4	87,100 *	47.6	304.6	97,400 *	50.9	309.4	108,800 *				230
240	31.3	258.8	58,600 *	36.2	274.4	70,000 *	40.4	286.2	78,500 *	44.3	294.7	87,800 *	47.8	300.6	97,800 *				240
250	26.2	240.1	50,600 *	31.8	259.2	62,100 *	36.5	273.3	70,900 *	40.7	283.5	79,200 *	44.4	290.7	88,100 *	47.7	295.3	94,700	250
260	19.9	215.7	42,200 *	26.8	240.9	54,100 *	32.2	258.3	64,100 *	36.8	270.8	71,600 *	40.8	279.6	79,500 *	44.4	285.4	88,000 *	260
270	10.3	176.8	29,500 *	20.7	217.4	45,900 *	27.3	240.3	57,200 *	32.6	256.0	64,700 *	37.0	266.9	71,900 *	40.8	274.3	79,500 *	270
280				11.8	181.5	36,000 *	21.4	217.5	49,200 *	27.7	238.2	58,500 *	32.7	252.1	65,100 *	37.0	261.5	71,900 *	280
290							12.9	183.6	40,200 *	21.8	215.8	52,100 *	27.9	234.6	58,800 *	32.7	246.8	65,100 *	290
300										13.7	183.3	43,400 *	22.1	212.4	53,200 *	27.9	229.2	58,900 *	300
310													14.1	180.5	46,100 *	22.0	207.0	53,300 *	310
320																14.0	174.9	48,100 *	320



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

125 Ft. Boom, 260 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	74.6	386.7	275,900 *																105
110	73.5	385.2	266,700 *																110
115	72.3	383.6	250,900 *																115
120	71.2	381.9	236,000 *																120
130	68.8	378.1	209,100 *																130
140	66.4	373.9	185,400 *	69.1	377.1	211,400 *													140
150	64.0	369.1	162,300 *	66.7	372.9	188,300 *													150
160	61.5	363.8	143,000 *	64.3	368.2	164,700 *													160
170	58.9	358.0	126,800 *	61.8	362.9	145,100 *	64.5	366.1	166,700 *										170
180	56.3	351.5	113,000 *	59.2	357.1	128,500 *	62.0	360.9	146,800 *										180
190	53.6	344.3	100,900 *	56.6	350.7	114,500 *	59.5	355.2	129,900 *										190
200	50.8	336.4	90,300 *	53.9	343.6	102,300 *	56.9	348.8	115,800 *	59.7	352.2	131,000 *							200
210	47.8	327.6	81,000 *	51.1	335.7	91,700 *	54.2	341.8	103,400 *	57.1	345.8	116,700 *							210
220	44.8	317.8	72,800 *	48.2	327.1	82,200 *	51.4	334.0	92,700 *	54.4	338.9	104,200 *							220
230	41.5	306.9	65,400 *	45.1	317.4	73,900 *	48.5	325.4	83,200 *	51.6	331.1	93,400 *	54.5	334.7	104,600 *				230
240	38.0	294.6	58,800 *	41.9	306.6	66,400 *	45.4	315.9	74,800 *	48.7	322.6	83,900 *	51.7	327.1	93,800 *				240
250	34.2	280.5	51,900 *	38.4	294.5	59,800 *	42.2	305.2	67,300 *	45.6	313.1	75,400 *	48.8	318.5	84,200 *				250
260	30.0	264.2	44,900 *	34.7	280.7	53,800 *	38.8	293.2	60,500 *	42.4	302.5	67,900 *	45.8	309.1	75,700 *	48.8	313.2	84,100 *	260
270	25.1	244.5	38,000 *	30.5	264.6	48,000 *	35.0	279.6	54,400 *	39.0	290.7	61,100 *	42.6	298.6	68,200 *	45.7	303.8	75,700 *	270
280	19.1	219.0	30,800 *	25.7	245.4	41,200 *	30.9	263.8	48,900 *	35.3	277.2	55,000 *	39.1	286.7	61,400 *	42.5	293.2	68,100 *	280
290	9.9	178.4	19,600 *	19.9	220.8	34,200 *	26.2	244.9	44,100 *	31.2	261.5	49,400 *	35.5	273.3	55,300 *	39.1	281.4	61,400 *	290
300				11.3	183.4	25,500 *	20.5	221.0	37,200 *	26.6	242.9	44,400 *	31.4	257.8	49,700 *	35.4	267.9	55,300 *	300
310							12.4	185.7	29,300 *	21.0	219.5	39,800 *	26.7	239.3	44,700 *	31.4	252.4	49,800 *	310
320										13.1	185.5	32,200 *	21.2	216.1	40,000 *	26.7	233.9	44,700 *	320
330													13.5	182.8	34,700 *	21.1	210.7	40,100 *	330
340																13.4	177.2	35,900 *	340



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

125 Ft. Boom, 280 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	74.7	406.1	242,600 *																110
115	73.6	404.6	239,600 *																115
120	72.6	403.0	225,900 *																120
130	70.4	399.6	200,500 *																130
140	68.2	395.7	178,100 *																140
150	66.0	391.3	156,800 *	68.5	394.6	180,100 *													150
160	63.7	386.5	137,900 *	66.2	390.3	159,100 *													160
170	61.4	381.2	122,100 *	64.0	385.5	139,800 *													170
180	59.0	375.3	108,400 *	61.7	380.3	123,800 *	64.2	383.5	141,700 *										180
190	56.6	368.9	96,500 *	59.3	374.5	109,800 *	61.9	378.3	125,200 *										190
200	54.1	361.8	86,000 *	56.9	368.1	97,800 *	59.5	372.5	111,100 *										200
210	51.5	354.0	76,800 *	54.4	361.1	87,300 *	57.1	366.2	98,900 *	59.7	369.5	112,000 *							210
220	48.8	345.5	68,600 *	51.8	353.4	78,000 *	54.6	359.3	88,300 *	57.3	363.2	99,700 *							220
230	46.0	336.1	61,400 *	49.1	345.0	69,700 *	52.0	351.7	78,900 *	54.8	356.3	89,000 *							230
240	43.0	325.7	54,900 *	46.3	335.7	62,300 *	49.4	343.3	70,600 *	52.2	348.8	79,500 *	54.9	352.2	89,300 *				240
250	39.9	314.2	49,000 *	43.4	325.4	55,700 *	46.6	334.1	63,200 *	49.6	340.5	71,200 *	52.3	344.7	79,800 *				250
260	36.6	301.2	43,700 *	40.3	314.0	49,800 *	43.7	323.9	56,500 *	46.8	331.3	63,700 *	49.7	336.4	71,500 *				260
270	32.9	286.4	38,600 *	37.0	301.2	44,400 *	40.6	312.6	50,500 *	43.9	321.2	57,000 *	46.9	327.3	64,000 *	49.6	331.1	71,400 *	270
280	28.9	269.3	33,500 *	33.3	286.7	39,200 *	37.3	300.0	44,900 *	40.8	310.0	51,000 *	44.0	317.2	57,300 *	46.9	322.0	63,900 *	280
290	24.2	248.7	27,600 *	29.3	269.9	34,500 *	33.7	285.7	39,800 *	37.5	297.5	45,400 *	40.9	306.1	51,200 *	44.0	311.9	57,300 *	290
300	18.4	222.2	21,300 *	24.7	249.8	30,100 *	29.7	269.1	35,000 *	34.0	283.3	40,100 *	37.6	293.6	45,600 *	40.9	300.7	51,200 *	300
310				19.1	224.2	24,400 *	25.2	249.4	30,600 *	30.0	266.9	35,300 *	34.1	279.4	40,400 *	37.6	288.2	45,600 *	310
320				10.9	185.2	16,700 *	19.7	224.5	26,400 *	25.6	247.4	30,900 *	30.2	263.1	35,500 *	34.1	274.1	40,300 *	320
330							11.9	187.8	20,200 *	20.2	223.0	26,700 *	25.7	243.8	31,100 *	30.2	257.8	35,500 *	330
340										12.6	187.7	22,700 *	20.4	219.6	26,900 *	25.7	238.4	31,000 *	340
350													13.0	185.0	22,900 *	20.3	214.2	27,000 *	350
360																12.9	179.4	23,000 *	360



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

125 Ft. Boom, 300 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
115	74.8	425.5	213,700 *																115
120	73.8	424.0	211,400 *																120
130	71.8	420.8	191,500 *																130
140	69.7	417.2	170,100 *																140
150	67.7	413.2	151,100 *	70.0	416.1	171,700 *													150
160	65.6	408.7	132,800 *	67.9	412.1	153,000 *													160
170	63.5	403.8	117,100 *	65.8	407.7	134,700 *													170
180	61.3	398.5	103,600 *	63.7	402.9	118,700 *													180
190	59.1	392.6	92,000 *	61.5	397.6	105,100 *	63.9	400.9	120,100 *										190
200	56.8	386.2	81,600 *	59.3	391.8	93,200 *	61.8	395.6	106,300 *										200
210	54.5	379.3	72,500 *	57.1	385.4	82,800 *	59.5	389.8	94,300 *										210
220	52.1	371.6	64,500 *	54.8	378.5	73,700 *	57.3	383.6	83,800 *	59.7	386.8	95,000 *							220
230	49.6	363.3	57,300 *	52.4	371.0	65,500 *	55.0	376.7	74,600 *	57.5	380.6	84,500 *							230
240	47.0	354.3	50,800 *	49.9	362.8	58,200 *	52.6	369.2	66,400 *	55.1	373.8	75,200 *							240
250	44.3	344.3	44,900 *	47.3	353.8	51,700 *	50.1	361.1	59,100 *	52.8	366.3	66,900 *							250
260	41.5	333.3	39,300 *	44.6	343.9	45,600 *	47.6	352.2	52,300 *	50.3	358.2	59,600 *	52.9	362.2	67,200 *				260
270	38.5	321.2	34,200 *	41.8	333.1	40,000 *	44.9	342.4	46,200 *	47.8	349.4	52,800 *	50.4	354.2	59,800 *				270
280	35.3	307.6	29,300 *	38.8	321.1	34,800 *	42.1	331.7	40,500 *	45.1	339.7	46,600 *	47.8	345.3	53,100 *				280
290	31.7	292.1	24,700 *	35.6	307.6	30,000 *	39.1	319.8	35,300 *	42.3	329.0	40,900 *	45.2	335.7	46,800 *	47.8	340.0	53,000 *	290
300	27.8	274.3	20,500 *	32.2	292.4	25,300 *	36.0	306.5	30,400 *	39.3	317.2	35,700 *	42.4	325.0	41,100 *	45.2	330.3	46,800 *	300
310				28.3	274.9	20,900 *	32.5	291.5	25,800 *	36.2	304.0	30,800 *	39.5	313.3	35,900 *	42.4	319.7	41,100 *	310
320							28.7	274.2	21,400 *	32.8	289.1	26,100 *	36.3	300.1	31,000 *	39.4	307.9	35,900 *	320
330							24.3	253.7	15,200 *	29.0	272.0	21,800 *	32.9	285.3	26,300 *	36.3	294.8	30,900 *	330
340										24.7	251.8	16,700 *	29.1	268.3	22,000 *	32.9	280.0	26,300 *	340
350													24.8	248.2	17,900 *	29.1	263.0	22,000 *	350
360																24.8	242.8	17,900 *	360



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

125 Ft. Boom, 320 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
120	74.8	444.8	188,400 *																120
130	72.9	441.8	181,700 *																130
140	71.1	438.5	161,500 *																140
150	69.1	434.8	143,400 *																150
160	67.2	430.6	126,800 *	69.4	433.7	144,800 *													160
170	65.2	426.1	111,600 *	67.4	429.6	128,500 *													170
180	63.2	421.2	98,400 *	65.5	425.1	113,200 *													180
190	61.2	415.8	87,000 *	63.5	420.2	99,800 *													190
200	59.1	410.0	76,900 *	61.4	414.9	88,200 *	63.7	418.2	101,000 *										200
210	57.0	403.6	67,900 *	59.4	409.1	78,000 *	61.6	412.9	89,200 *										210
220	54.8	396.7	60,000 *	57.3	402.8	69,000 *	59.6	407.2	78,900 *										220
230	52.6	389.2	52,700 *	55.1	396.0	60,900 *	57.5	400.9	69,900 *	59.7	404.1	79,600 *							230
240	50.3	381.1	46,100 *	52.9	388.6	53,500 *	55.3	394.1	61,700 *	57.6	397.9	70,500 *							240
250	47.9	372.3	40,100 *	50.6	380.5	46,800 *	53.1	386.8	54,200 *	55.5	391.2	62,200 *							250
260	45.4	362.7	34,400 *	48.2	371.8	40,800 *	50.8	378.8	47,500 *	53.2	383.9	54,700 *							260
270	42.8	352.2	29,100 *	45.7	362.3	35,000 *	48.4	370.1	41,300 *	51.0	375.9	47,900 *	53.3	379.8	54,900 *				270
280	40.1	340.7	24,100 *	43.1	351.9	29,700 *	46.0	360.7	35,600 *	48.6	367.3	41,800 *	51.0	371.9	48,200 *				280
290	37.2	327.9	19,600 *	40.4	340.5	24,700 *	43.4	350.4	30,200 *	46.1	357.9	36,000 *	48.7	363.3	42,000 *				290
300				37.5	327.9	20,100 *	40.7	339.1	25,200 *	43.6	347.7	30,600 *	46.2	353.9	36,200 *	48.7	357.9	41,900 *	300
310							37.8	326.6	20,600 *	40.9	336.5	25,600 *	43.7	343.7	30,800 *	46.2	348.6	36,100 *	310
320							34.8	312.8	15,700 *	38.0	324.1	20,900 *	41.0	332.5	25,800 *	43.7	338.4	30,800 *	320
330										35.0	310.3	16,600 *	38.1	320.2	21,100 *	41.0	327.2	25,800 *	330
340													35.1	306.5	16,800 *	38.1	314.8	21,100 *	340
350																35.1	301.1	16,800 *	350



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

150 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.5	257.3	548,400 *b																65
70	71.5	255.6	547,200 *b																70
75	68.4	253.6	536,600 *b																75
80	65.3	251.3	489,500 *b																80
85	62.0	248.6	443,300 *																85
90	58.7	245.6	405,400 *	67.4	251.0	477,300 b													90
95	55.2	242.1	373,400 *	64.2	248.6	443,800													95
100	51.5	238.2	346,800 *	60.9	245.8	414,600													100
105	47.7	233.7	316,300 *	57.5	242.6	388,700													105
110	43.6	228.5	287,500 *	54.0	239.0	365,700	62.9	244.6	353,600										110
115	39.1	222.4	261,500 *	50.3	234.9	342,100 *	59.6	241.7	333,700										115
120	34.1	215.3	237,400 *	46.3	230.1	312,100 *	56.2	238.3	315,800										120
130	20.9	194.6	190,600 *	37.4	218.3	259,300 *	48.8	230.2	284,700	58.1	236.1	275,000							130
140				26.0	201.0	212,900 *	40.4	219.4	258,700	50.9	228.5	249,900							140
150							30.0	204.3	232,900 *	42.8	218.6	228,600	52.7	225.3	220,800				150
160							13.0	176.6	184,100 *	33.2	205.0	210,100	44.9	216.0	203,100				160
170										19.4	183.2	193,700	35.7	203.5	187,600	46.4	211.7	181,300	170
180													23.4	184.6	173,800	37.6	199.9	168,200	180
190																26.1	182.7	156,300	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

150 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.7	276.6	525,900 *b																70
75	72.2	275.0	509,000 *b																75
80	69.6	273.2	486,200 *																80
85	67.1	271.0	456,700 *																85
90	64.4	268.6	415,100 *																90
95	61.7	265.9	381,300 *	68.8	270.6	440,700													95
100	58.9	262.9	352,900 *	66.2	268.4	411,600													100
105	56.0	259.6	326,000 *	63.5	265.9	385,800													105
110	53.0	255.8	299,200 *	60.8	263.1	362,900													110
115	49.9	251.6	275,100 *	57.9	260.0	342,400													115
120	46.7	246.9	253,400 *	55.0	256.5	317,500 *	62.5	261.9	312,600										120
130	39.5	235.7	215,500 *	48.8	248.3	272,100 *	56.8	255.7	281,700										130
140	30.9	220.8	182,300 *	42.0	237.9	232,200 *	50.8	248.0	256,000	58.4	253.5	246,600							140
150	18.9	197.8	149,500 *	33.9	224.4	198,000 *	44.2	238.4	234,100	52.5	246.2	225,500							150
160				23.5	205.1	166,100 *	36.6	226.1	212,600 *	46.1	237.2	207,400	54.0	242.9	199,700				160
170							27.2	209.1	180,800 *	38.8	225.7	191,600	47.7	234.3	184,600				170
180							11.7	178.4	146,100 *	30.1	210.4	177,600	40.7	223.5	171,200	48.9	229.8	164,800	180
190										17.5	186.1	162,100 *	32.4	209.3	159,300	42.1	219.5	153,400	190
200													21.2	188.2	148,400	34.1	206.0	143,100	200
210																23.7	186.8	133,700	210



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

150 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.8	296.0	481,200 *b																75
80	72.7	294.4	461,900 *																80
85	70.5	292.7	443,100 *																85
90	68.3	290.7	423,600 *																90
95	66.1	288.4	387,000 *																95
100	63.8	286.0	354,100 *	69.8	290.2	408,300													100
105	61.4	283.2	326,000 *	67.5	288.1	382,600													105
110	59.1	280.3	301,600 *	65.3	285.8	359,800													110
115	56.6	277.0	280,400 *	63.0	283.2	339,400													115
120	54.1	273.3	259,500 *	60.6	280.4	317,400 *													120
130	48.8	265.0	223,700 *	55.8	273.9	273,900 *	62.1	279.2	278,400										130
140	42.9	254.9	193,700 *	50.6	266.1	238,500 *	57.3	273.1	252,800										140
150	36.4	242.3	167,700 *	44.9	256.6	207,000 *	52.2	265.7	231,100	58.7	270.8	222,000							150
160	28.5	225.8	143,900 *	38.6	245.0	180,000 *	46.7	256.8	212,400	53.7	263.8	204,100							160
170	17.4	200.7	119,400 *	31.3	230.0	155,800 *	40.7	245.9	191,600 *	48.3	255.3	188,500	54.9	260.4	181,000				170
180				21.7	208.9	132,400 *	33.7	232.1	166,900 *	42.4	245.0	174,800	49.6	252.3	167,800				180
190							25.0	213.5	143,900 *	35.8	232.2	162,600	43.9	242.5	156,200				190
200							10.8	180.1	117,600 *	27.7	215.3	151,600	37.4	230.3	145,700	45.0	238.2	139,800	200
210										16.1	188.8	130,300 *	29.8	214.6	136,200	38.7	226.6	130,800	210
220													19.5	191.6	127,500	31.4	211.6	122,500	220
230																21.8	190.6	114,900	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

150 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
80	74.9	315.4	436,100 *																80
85	73.0	313.9	420,200 *																85
90	71.1	312.1	404,800 *																90
95	69.2	310.2	387,900 *																95
100	67.3	308.1	358,800 *																100
105	65.3	305.8	328,600 *																105
110	63.3	303.3	302,200 *	68.6	307.7	357,200													110
115	61.3	300.6	279,100 *	66.6	305.5	336,800													115
120	59.2	297.6	258,600 *	64.6	303.2	318,500													120
130	54.9	290.8	223,700 *	60.6	297.7	275,300 *													130
140	50.3	282.9	194,900 *	56.3	291.4	237,900 *	61.8	296.5	250,200										140
150	45.4	273.5	170,500 *	51.8	283.8	207,400 *	57.6	290.5	228,600										150
160	40.0	262.2	149,200 *	47.0	274.9	181,800 *	53.2	283.3	210,100	58.8	288.1	201,500							160
170	33.9	248.4	130,000 *	41.8	264.4	159,700 *	48.6	274.9	192,500 *	54.5	281.3	186,000							170
180	26.5	230.5	111,900 *	36.0	251.5	140,000 *	43.5	264.9	169,500 *	49.9	273.2	172,400							180
190	16.2	203.5	92,500 *	29.1	235.2	121,800 *	37.9	252.8	149,300 *	44.9	263.7	160,400	51.0	270.1	153,700				190
200				20.2	212.3	103,500 *	31.4	237.7	130,900 *	39.5	252.3	149,600	46.2	260.9	143,300				200
210							23.3	217.5	113,200 *	33.3	238.2	139,200 *	40.9	250.0	134,100	47.1	256.5	128,300	210
220							10.0	181.7	92,100 *	25.8	219.8	121,600 *	34.9	236.6	125,700	41.9	245.9	120,300	220
230										15.0	191.4	102,900 *	27.8	219.5	118,000	36.1	233.1	112,900	230
240													18.2	194.7	110,800	29.2	216.8	106,200	240
250																20.3	194.1	99,800	250



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

150 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	75.0	334.8	396,400 *																85
90	73.3	333.3	383,500 *																90
95	71.6	331.6	370,700 *																95
100	69.9	329.7	356,500 *																100
105	68.2	327.7	328,600 *																105
110	66.5	325.6	302,400 *																110
115	64.7	323.2	279,500 *	69.4	327.3	333,600													115
120	62.9	320.6	259,200 *	67.6	325.2	315,300													120
130	59.3	314.9	224,700 *	64.1	320.5	275,200 *													130
140	55.5	308.3	196,500 *	60.5	315.1	238,300 *													140
150	51.4	300.6	172,800 *	56.7	308.7	208,300 *	61.6	313.9	225,300										150
160	47.2	291.7	152,500 *	52.8	301.4	183,300 *	57.9	307.8	206,800										160
170	42.6	281.4	134,700 *	48.6	293.0	162,100 *	54.0	300.8	190,800	59.0	305.5	182,500							170
180	37.6	269.1	118,700 *	44.2	283.1	143,600 *	49.9	292.7	171,100 *	55.1	298.8	169,000							180
190	31.8	254.1	104,000 *	39.3	271.5	127,100 *	45.6	283.4	151,900 *	51.1	291.0	157,100							190
200	24.9	234.9	89,600 *	33.8	257.6	112,100 *	40.8	272.4	135,000 *	46.8	282.0	146,500	52.1	287.7	139,800				200
210	15.2	206.0	74,000 *	27.4	240.0	97,900 *	35.6	259.2	119,700 *	42.2	271.5	136,900	47.9	279.0	130,700				210
220				19.0	215.6	83,300 *	29.5	243.0	105,500 *	37.1	259.0	126,600 *	43.3	268.9	122,400	48.7	274.5	116,700	220
230							21.9	221.3	91,400 *	31.3	243.8	112,300 *	38.4	257.0	114,900	44.2	264.7	109,500	230
240							9.4	183.2	74,200 *	24.3	224.0	98,400 *	32.8	242.5	108,000	39.3	253.1	102,900	240
250										14.1	193.7	83,300 *	26.1	224.1	101,600	33.9	239.2	96,800	250
260													17.1	197.6	90,300 *	27.5	221.7	91,200	260
270																19.1	197.4	85,800	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

150 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
90	75.0	354.1	360,700 *																90
95	73.5	352.6	350,000 *																95
100	72.0	351.0	339,500 *																100
105	70.5	349.2	325,200 *																105
110	69.0	347.3	302,300 *																110
115	67.4	345.2	279,400 *																115
120	65.9	343.0	259,200 *	70.0	346.8	312,800													120
130	62.7	338.0	225,100 *	66.9	342.6	274,700 *													130
140	59.3	332.2	197,200 *	63.7	337.9	238,100 *													140
150	55.9	325.7	173,900 *	60.5	332.4	208,400 *	64.7	336.4	222,700										150
160	52.4	318.2	154,100 *	57.1	326.1	183,900 *	61.5	331.2	204,300										160
170	48.6	309.7	136,900 *	53.5	319.0	163,100 *	58.1	325.2	188,400										170
180	44.6	300.0	121,800 *	49.9	310.8	145,100 *	54.7	318.3	171,400 *	59.1	322.8	166,400							180
190	40.3	288.7	108,200 *	45.9	301.5	129,400 *	51.0	310.5	152,800 *	55.6	316.2	154,500							190
200	35.5	275.5	95,700 *	41.7	290.8	115,400 *	47.2	301.6	136,600 *	52.0	308.7	144,000							200
210	30.1	259.5	83,900 *	37.2	278.3	102,700 *	43.1	291.3	122,200 *	48.3	300.1	134,500	52.9	305.3	128,100				210
220	23.6	239.0	72,300 *	32.0	263.3	90,800 *	38.6	279.4	109,200 *	44.2	290.2	126,000	49.2	297.0	119,900				220
230	14.4	208.4	59,400 *	25.9	244.6	79,300 *	33.7	265.3	97,200 *	39.9	278.8	114,500 *	45.2	287.5	112,400	49.9	292.4	106,900	230
240				17.9	218.7	67,300 *	27.9	247.9	85,700 *	35.1	265.4	102,900 *	41.0	276.5	105,700	46.0	283.1	100,300	240
250							20.7	224.9	74,200 *	29.6	249.1	91,500 *	36.3	263.6	99,400	41.8	272.4	94,400	250
260							8.8	184.7	60,000 *	23.0	228.1	80,300 *	31.0	248.1	93,600	37.2	259.9	88,900	260
270										13.3	195.9	67,800 *	24.7	228.4	85,400 *	32.1	244.9	83,800	270
280													16.1	200.3	73,800 *	26.0	226.3	79,000	280
290																18.1	200.5	74,400	290



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

150 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	73.7	372.0	315,300 *																100
105	72.4	370.4	308,000 *																105
110	71.0	368.7	292,900 *																110
115	69.6	366.8	275,200 *																115
120	68.2	364.8	258,100 *																120
130	65.3	360.4	224,000 *	69.1	364.3	269,100 *													130
140	62.4	355.3	196,300 *	66.3	360.1	236,600 *													140
150	59.4	349.6	173,300 *	63.4	355.2	207,100 *													150
160	56.3	343.1	153,700 *	60.4	349.7	182,700 *	64.3	353.8	200,900										160
170	53.1	335.8	136,800 *	57.3	343.5	162,200 *	61.3	348.5	185,000										170
180	49.7	327.6	122,100 *	54.2	336.5	143,900 *	58.3	342.5	168,300 *										180
190	46.2	318.3	109,000 *	50.8	328.6	128,600 *	55.2	335.7	149,200 *	59.2	340.1	151,000							190
200	42.4	307.8	97,200 *	47.4	319.7	115,300 *	51.9	328.1	133,100 *	56.0	333.6	140,600							200
210	38.3	295.7	86,400 *	43.7	309.6	103,500 *	48.5	319.6	119,200 *	52.8	326.2	131,200							210
220	33.8	281.6	76,300 *	39.7	298.1	92,500 *	44.8	309.9	107,400 *	49.4	318.0	122,700	53.6	322.9	116,400				220
230	28.6	264.6	66,600 *	35.3	284.7	82,200 *	40.9	298.8	96,800 *	45.9	308.6	110,600 *	50.2	314.8	109,000				230
240	22.4	242.9	57,000 *	30.4	268.7	72,600 *	36.7	286.1	87,400 *	42.1	297.9	99,800 *	46.7	305.7	102,300				240
250	13.7	210.8	46,000 *	24.6	248.9	63,100 *	32.0	271.0	78,000 *	37.9	285.7	90,200 *	43.0	295.4	96,100	47.4	301.2	90,900	250
260				17.1	221.6	53,000 *	26.6	252.6	68,600 *	33.4	271.4	81,600 *	39.0	283.6	90,500	43.7	291.2	85,400	260
270							19.7	228.3	59,000 *	28.2	254.1	73,600 *	34.5	269.8	83,800 *	39.7	279.6	80,400	270
280							8.4	186.0	46,900 *	21.8	231.9	64,300 *	29.5	253.3	75,900 *	35.4	266.3	75,800	280
290										12.7	198.1	53,700 *	23.5	232.6	68,800 *	30.5	250.4	71,400	290
300													15.4	203.0	59,000 *	24.7	230.6	67,300	300
310																17.2	203.4	63,200 *	310



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

150 Ft. Boom, 240 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	73.9	391.4	277,600 *																105
110	72.6	389.8	272,100 *																110
115	71.4	388.1	264,500 *																115
120	70.1	386.3	249,000 *																120
130	67.5	382.3	221,100 *																130
140	64.9	377.8	195,400 *	68.4	381.9	229,700 *													140
150	62.2	372.6	171,000 *	65.8	377.5	204,400 *													150
160	59.5	366.9	151,000 *	63.1	372.6	178,500 *													160
170	56.6	360.5	134,100 *	60.4	367.0	157,200 *	63.9	371.2	182,400										170
180	53.7	353.3	119,400 *	57.6	360.8	139,300 *	61.2	365.8	163,400 *										180
190	50.6	345.4	106,900 *	54.7	353.9	124,100 *	58.4	359.8	144,600 *										190
200	47.4	336.5	96,000 *	51.7	346.3	111,200 *	55.6	353.2	128,600 *	59.2	357.5	137,900							200
210	44.1	326.5	86,400 *	48.5	337.7	99,700 *	52.6	345.7	115,100 *	56.4	351.0	128,600							210
220	40.5	315.2	77,900 *	45.2	328.1	89,700 *	49.5	337.5	103,300 *	53.4	343.8	118,700 *							220
230	36.6	302.3	69,100 *	41.7	317.3	80,800 *	46.2	328.2	92,900 *	50.4	335.7	106,400 *	54.2	340.4	106,300				230
240	32.3	287.4	60,700 *	37.9	305.0	73,000 *	42.8	317.8	83,700 *	47.2	326.8	95,700 *	51.1	332.5	99,700				240
250	27.4	269.4	52,700 *	33.8	290.7	65,900 *	39.1	306.0	75,500 *	43.8	316.7	86,300 *	47.9	323.8	93,600				250
260	21.4	246.6	44,500 *	29.1	273.9	57,900 *	35.1	292.4	68,300 *	40.2	305.3	77,900 *	44.6	314.0	88,000	48.6	319.2	82,800	260
270	13.0	213.0	35,100 *	23.6	253.1	49,800 *	30.6	276.5	61,700 *	36.2	292.3	70,400 *	41.0	302.9	79,900 *	45.2	309.6	77,800	270
280				16.3	224.4	41,200 *	25.4	257.1	54,700 *	31.9	277.1	63,600 *	37.2	290.3	72,200 *	41.7	298.8	73,300	280
290							18.8	231.6	46,600 *	26.9	258.8	57,500 *	33.0	275.7	65,300 *	37.9	286.5	69,000	290
300							8.0	187.3	36,100 *	20.9	235.5	51,200 *	28.2	258.3	59,100 *	33.8	272.4	65,000	300
310										12.1	200.1	42,200 *	22.5	236.5	53,400 *	29.1	255.6	60,300 *	310
320													14.7	205.4	46,900 *	23.6	234.8	54,500 *	320
330																16.4	206.2	49,300 *	330



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

150 Ft. Boom, 260 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	74.0	410.8	245,100 *																110
115	72.8	409.2	241,000 *																115
120	71.7	407.6	236,300 *																120
130	69.3	403.9	212,400 *																130
140	67.0	399.8	189,000 *																140
150	64.5	395.1	165,800 *	67.7	399.4	196,300 *													150
160	62.0	390.0	146,100 *	65.3	394.9	173,100 *													160
170	59.5	384.2	129,400 *	62.9	389.9	152,200 *													170
180	56.9	377.9	115,300 *	60.3	384.3	134,600 *	63.6	388.5	158,200 *										180
190	54.2	370.8	102,800 *	57.8	378.2	119,800 *	61.1	383.1	139,700 *										190
200	51.4	363.1	92,000 *	55.1	371.4	107,000 *	58.6	377.2	124,200 *										200
210	48.5	354.5	82,500 *	52.3	363.9	95,700 *	55.9	370.6	110,800 *	59.3	374.8	125,100							210
220	45.5	344.9	74,100 *	49.5	355.6	85,800 *	53.2	363.3	99,100 *	56.7	368.4	114,300 *							220
230	42.2	334.3	66,700 *	46.5	346.3	77,000 *	50.4	355.2	88,900 *	54.0	361.3	102,200 *							230
240	38.8	322.3	60,000 *	43.3	336.1	69,300 *	47.4	346.3	79,900 *	51.2	353.4	91,600 *	54.6	357.8	96,200				240
250	35.1	308.7	53,700 *	40.0	324.6	62,300 *	44.3	336.4	71,800 *	48.3	344.8	82,300 *	51.8	350.2	90,100				250
260	31.0	292.9	46,700 *	36.3	311.5	56,100 *	41.0	325.3	64,600 *	45.2	335.1	74,100 *	49.0	341.7	84,400 *				260
270	26.3	274.1	39,800 *	32.4	296.6	50,400 *	37.5	312.8	58,100 *	42.0	324.4	66,600 *	45.9	332.3	76,000 *	49.5	337.1	74,300	270
280	20.6	250.2	32,800 *	27.9	278.9	44,400 *	33.6	298.4	52,300 *	38.5	312.3	60,000 *	42.7	321.8	68,400 *	46.5	327.9	69,800	280
290	12.5	215.1	24,600 *	22.6	257.0	37,600 *	29.3	281.7	47,000 *	34.7	298.5	54,000 *	39.3	310.1	61,600 *	43.4	317.6	65,600	290
300				15.6	227.1	30,100 *	24.3	261.4	41,900 *	30.6	282.5	48,500 *	35.7	296.8	55,500 *	40.0	306.1	61,600	300
310							18.1	234.7	34,900 *	25.8	263.4	43,600 *	31.6	281.4	49,900 *	36.4	293.1	56,600 *	310
320							7.6	188.5	25,800 *	20.0	239.0	39,100 *	27.0	263.1	44,800 *	32.4	278.2	51,000 *	320
330										11.6	202.0	31,200 *	21.5	240.2	40,200 *	27.9	260.5	45,800 *	330
340													14.1	207.8	35,400 *	22.7	238.7	41,100 *	340
350																15.7	208.9	36,800 *	350



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

150 Ft. Boom, 280 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
115	74.1	430.2	216,900 *																115
120	73.0	428.6	213,800 *																120
130	70.9	425.3	202,900 *																130
140	68.7	421.5	180,700 *																140
150	66.5	417.2	159,900 *	69.4	420.9	187,100 *													150
160	64.2	412.5	140,800 *	67.2	416.8	167,100 *													160
170	61.9	407.3	124,500 *	65.0	412.3	146,800 *													170
180	59.5	401.5	110,500 *	62.7	407.2	129,600 *													180
190	57.1	395.2	98,200 *	60.3	401.7	114,900 *	63.4	405.9	134,500 *										190
200	54.6	388.3	87,600 *	57.9	395.5	102,200 *	61.1	400.5	119,200 *										200
210	52.1	380.7	78,200 *	55.5	388.8	91,200 *	58.7	394.5	106,000 *										210
220	49.4	372.3	69,900 *	52.9	381.4	81,400 *	56.2	388.0	94,500 *	59.3	392.1	109,400 *							220
230	46.6	363.1	62,500 *	50.3	373.3	72,800 *	53.7	380.8	84,400 *	56.9	385.7	97,500 *							230
240	43.7	353.0	55,900 *	47.5	364.4	65,100 *	51.1	372.9	75,500 *	54.4	378.8	87,100 *							240
250	40.6	341.7	50,000 *	44.7	354.6	58,200 *	48.4	364.3	67,600 *	51.8	371.1	77,900 *	55.0	375.3	87,400				250
260	37.3	329.1	44,600 *	41.6	343.7	52,000 *	45.6	354.8	60,400 *	49.2	362.7	69,800 *	52.5	367.8	80,000 *				260
270	33.7	314.7	39,500 *	38.4	331.6	46,400 *	42.6	344.2	54,000 *	46.4	353.4	62,500 *	49.8	359.5	71,600 *				270
280	29.8	298.2	34,800 *	35.0	317.8	41,300 *	39.4	332.5	48,300 *	43.4	343.2	55,900 *	47.0	350.5	64,200 *				280
290	25.3	278.5	29,200 *	31.1	302.1	36,400 *	36.1	319.3	42,900 *	40.3	331.8	49,900 *	44.2	340.5	57,500 *	47.6	346.0	62,700 *	290
300	19.8	253.7	23,000 *	26.8	283.6	31,800 *	32.4	304.3	37,900 *	37.0	319.0	44,400 *	41.1	329.4	51,400 *	44.7	336.2	58,200 *	300
310	12.0	217.1	15,800 *	21.7	260.8	27,400 *	28.2	286.7	33,300 *	33.4	304.5	39,300 *	37.8	317.0	45,800 *	41.7	325.3	52,500 *	310
320				15.0	229.7	20,800 *	23.4	265.5	29,000 *	29.4	287.8	34,600 *	34.3	302.9	40,600 *	38.5	313.1	46,800 *	320
330							17.4	237.7	24,900 *	24.9	267.8	30,200 *	30.4	286.8	35,700 *	35.0	299.4	41,600 *	330
340							7.3	189.7	17,100 *	19.3	242.3	26,100 *	26.0	267.7	31,300 *	31.2	283.7	36,600 *	340
350										11.1	203.9	22,000 *	20.7	243.9	27,200 *	26.9	265.3	32,100 *	350
360													13.5	210.1	23,100 *	21.8	242.6	27,900 *	360
370																15.1	211.5	23,900 *	370



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

150 Ft. Boom, 300 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
120	74.2	449.5	192,200 *																120
130	72.2	446.4	187,100 *																130
140	70.2	442.9	173,800 *																140
150	68.1	439.0	154,900 *																150
160	66.0	434.6	136,800 *	68.8	438.5	160,300 *													160
170	63.9	429.9	120,500 *	66.7	434.3	142,700 *													170
180	61.8	424.6	106,600 *	64.6	429.7	125,600 *													180
190	59.6	418.9	94,500 *	62.5	424.6	111,000 *													190
200	57.3	412.6	83,800 *	60.3	419.0	98,400 *	63.2	423.2	115,200 *										200
210	55.0	405.7	74,400 *	58.1	412.9	87,400 *	61.0	417.8	102,100 *										210
220	52.6	398.3	66,200 *	55.8	406.2	77,700 *	58.8	411.8	90,600 *										220
230	50.1	390.1	58,800 *	53.4	399.0	69,000 *	56.5	405.4	80,600 *	59.4	409.4	93,600 *							230
240	47.6	381.2	52,200 *	51.0	391.1	61,400 *	54.1	398.3	71,700 *	57.1	403.1	83,200 *							240
250	44.9	371.5	46,200 *	48.4	382.4	54,500 *	51.7	390.6	63,800 *	54.8	396.2	74,100 *							250
260	42.1	360.7	40,600 *	45.8	372.9	48,200 *	49.2	382.2	56,700 *	52.4	388.7	66,000 *							260
270	39.2	348.8	35,300 *	43.1	362.5	42,500 *	46.6	373.0	50,200 *	49.9	380.5	58,700 *	53.0	385.3	67,800 *				270
280	36.0	335.6	30,500 *	40.2	351.1	37,100 *	43.9	362.9	44,200 *	47.4	371.5	52,000 *	50.5	377.3	60,400 *				280
290	32.5	320.6	25,800 *	37.1	338.3	32,100 *	41.1	351.8	38,700 *	44.7	361.7	45,900 *	48.0	368.5	53,600 *				290
300	28.7	303.3	21,400 *	33.7	323.9	27,400 *	38.0	339.4	33,700 *	41.9	350.9	40,300 *	45.3	358.9	47,300 *	48.5	363.9	53,600 *	300
310				30.0	307.5	22,900 *	34.8	325.6	28,900 *	38.9	338.9	35,100 *	42.6	348.3	41,600 *	45.9	354.5	48,400 *	310
320				25.9	288.2	17,300 *	31.2	309.8	24,300 *	35.7	325.5	30,200 *	39.6	336.6	36,300 *	43.1	344.1	42,600 *	320
330							27.2	291.5	20,100 *	32.2	310.3	25,600 *	36.5	323.6	31,500 *	40.2	332.6	37,300 *	330
340										28.4	292.8	21,300 *	33.1	308.9	26,700 *	37.1	319.9	32,400 *	340
350										24.0	272.0	15,000 *	29.3	292.0	22,300 *	33.8	305.5	27,600 *	350
360													25.1	272.1	18,300 *	30.1	289.1	23,100 *	360
370																25.9	269.9	19,000 *	370



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

150 Ft. Boom, 320 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
130	73.4	467.4	168,600 *																130
140	71.5	464.1	164,200 *																140
150	69.6	460.5	146,700 *																150
160	67.6	456.5	130,400 *																160
170	65.7	452.1	115,000 *	68.3	456.0	135,200 *													170
180	63.7	447.2	101,300 *	66.3	451.7	119,900 *													180
190	61.7	441.9	89,500 *	64.3	447.0	105,600 *													190
200	59.6	436.2	79,000 *	62.3	441.9	93,200 *	65.0	445.5	109,700 *										200
210	57.5	429.9	69,800 *	60.3	436.3	82,500 *	63.0	440.5	96,900 *										210
220	55.3	423.2	61,700 *	58.2	430.2	73,000 *	60.9	435.1	85,600 *										220
230	53.1	415.8	54,300 *	56.0	423.6	64,500 *	58.8	429.2	75,800 *										230
240	50.8	407.8	47,600 *	53.8	416.5	56,800 *	56.7	422.7	67,100 *	59.4	426.8	78,400 *							240
250	48.4	399.2	41,500 *	51.6	408.7	49,800 *	54.5	415.8	59,100 *	57.3	420.5	69,400 *							250
260	46.0	389.7	35,700 *	49.2	400.3	43,400 *	52.3	408.2	51,900 *	55.1	413.6	61,200 *							260
270	43.4	379.5	30,300 *	46.8	391.1	37,600 *	50.0	400.0	45,400 *	52.9	406.2	53,800 *							270
280	40.7	368.2	25,300 *	44.3	381.1	32,100 *	47.6	391.1	39,400 *	50.6	398.2	47,100 *	53.4	402.8	55,500 *				280
290	37.8	355.7	20,600 *	41.6	370.2	26,900 *	45.1	381.3	33,800 *	48.2	389.5	41,000 *	51.2	395.0	48,600 *				290
300				38.8	358.1	22,200 *	42.5	370.7	28,500 *	45.8	380.0	35,300 *	48.8	386.4	42,400 *				300
310				35.8	344.8	17,700 *	39.7	359.0	23,700 *	43.2	369.6	30,000 *	46.4	377.1	36,600 *	49.3	381.8	43,500 *	310
320							36.8	346.1	19,100 *	40.5	358.3	25,000 *	43.8	367.0	31,200 *	46.8	372.7	37,600 *	320
330										37.6	345.7	20,400 *	41.1	355.8	26,200 *	44.3	362.7	32,200 *	330
340										34.5	331.7	15,500 *	38.3	343.6	21,500 *	41.6	351.7	27,100 *	340
350													35.3	330.0	17,200 *	38.8	339.7	22,400 *	350
360																35.9	326.4	18,000 *	360



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

175 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	72.8	281.3	540,600 *b																70
75	69.8	279.4	516,300 *b																75
80	66.7	277.2	481,000 *b																80
85	63.5	274.7	438,200 *																85
90	60.2	271.9	401,200 *																90
95	56.7	268.6	370,200 *	67.0	275.3	438,400 b													95
100	53.2	264.9	343,900 *	63.8	272.9	409,500													100
105	49.4	260.6	321,400 *	60.5	270.0	384,000													105
110	45.4	255.7	300,200 *	57.1	266.8	361,300													110
115	41.1	250.1	273,100 *	53.5	263.1	340,900	63.9	269.5	327,000										115
120	36.3	243.5	248,200 *	49.8	258.9	322,600	60.6	266.7	309,400										120
130	24.4	225.2	201,700 *	41.5	248.5	281,500 *	53.7	259.8	279,000										130
140				31.5	234.1	233,200 *	46.0	250.9	253,600	57.1	258.6	242,700							140
150				16.2	209.6	185,500 *	37.0	238.9	231,800	49.8	250.8	222,100							150
160							25.4	221.2	212,900	41.6	240.4	204,200	53.1	248.4	195,400				160
170										31.5	226.1	188,600	45.3	239.3	180,600				170
180										16.4	201.7	174,400	36.3	227.0	167,500	48.4	235.8	160,200	180
190													24.3	208.6	155,600	39.9	224.9	149,100	190
200																29.4	209.5	139,000	200
210																11.6	180.1	129,400	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

175 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
75	73.3	300.7	487,600 *b																75
80	70.8	298.9	467,800 *b																80
85	68.2	296.9	448,400 *																85
90	65.6	294.6	409,100 *																90
95	62.9	292.1	376,100 *																95
100	60.1	289.2	348,300 *	68.4	295.0	406,300													100
105	57.3	286.0	324,500 *	65.8	292.7	380,900													105
110	54.4	282.4	304,000 *	63.1	290.2	358,300													110
115	51.3	278.4	285,900 *	60.4	287.3	338,000													115
120	48.1	274.0	263,200 *	57.6	284.2	319,800													120
130	41.1	263.3	223,800 *	51.6	276.7	288,200	60.5	284.0	275,700										130
140	32.9	249.4	189,800 *	45.1	267.3	249,100 *	54.8	277.3	250,500										140
150	22.1	229.0	157,600 *	37.6	255.4	212,800 *	48.6	269.0	229,100	57.6	276.0	218,600							150
160				28.5	239.2	180,500 *	41.6	258.6	210,700	51.6	268.5	201,000							160
170				14.7	212.0	146,600 *	33.6	244.9	194,500	45.1	259.2	185,700	54.3	266.0	177,000				170
180							23.0	225.2	170,100 *	37.7	247.3	172,200	48.1	257.5	164,200				180
190										28.6	231.1	160,100	41.1	246.9	152,800				190
200										14.8	204.1	149,000	32.9	232.9	142,600	43.9	243.9	135,800	200
210													22.0	212.4	133,100	36.2	231.4	127,000	210
220																26.7	214.1	119,000	220
230																10.4	181.7	111,200	230



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

175 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	73.6	320.1	442,200 *																80
85	71.5	318.4	425,900 *																85
90	69.3	316.5	409,900 *																90
95	67.0	314.3	384,300 *																95
100	64.8	312.0	354,600 *																100
105	62.5	309.4	329,300 *	69.5	314.5	377,500													105
110	60.1	306.5	307,700 *	67.2	312.4	354,900													110
115	57.7	303.3	288,800 *	65.0	310.1	334,800													115
120	55.2	299.9	268,800 *	62.7	307.5	316,600													120
130	50.0	291.9	231,300 *	57.9	301.5	285,200													130
140	44.3	282.2	200,200 *	52.9	294.3	253,800 *	60.4	301.3	247,100										140
150	37.9	270.2	173,500 *	47.4	285.6	220,400 *	55.5	294.8	225,800										150
160	30.3	254.8	149,400 *	41.5	275.0	191,600 *	50.3	286.9	207,600	58.0	293.4	197,400							160
170	20.3	232.5	125,500 *	34.6	261.7	166,500 *	44.7	277.4	191,700	52.9	286.2	182,300							170
180				26.3	243.8	143,100 *	38.3	265.6	177,800	47.5	277.5	169,000							180
190				13.5	214.2	117,600 *	30.9	250.4	159,100 *	41.5	266.9	157,200	49.9	275.4	149,300				190
200							21.2	228.8	135,900 *	34.7	253.6	146,700	44.2	265.7	139,300				200
210										26.4	235.8	137,100	37.8	253.8	130,300	46.5	262.4	123,500	210
220										13.6	206.4	126,600 *	30.3	238.3	122,000	40.4	251.4	115,700	220
230													20.2	215.9	114,400	33.3	237.4	108,600	230
240																24.6	218.4	102,000	240
250																9.5	183.2	95,500	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

175 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	73.9	339.5	402,100 *																85
90	72.0	337.8	388,600 *																90
95	70.1	336.0	375,400 *																95
100	68.1	334.0	362,500 *																100
105	66.2	331.8	336,100 *																105
110	64.2	329.3	312,800 *																110
115	62.2	326.7	289,300 *	68.3	332.1	332,100													115
120	60.1	323.8	267,600 *	66.4	329.9	314,000													120
130	55.8	317.3	231,100 *	62.4	324.8	282,800													130
140	51.3	309.6	201,100 *	58.2	318.9	253,500 *	64.5	324.1	244,400										140
150	46.5	300.6	175,800 *	53.8	311.9	220,300 *	60.4	318.7	223,200										150
160	41.2	289.8	154,000 *	49.2	303.6	192,700 *	56.1	312.2	205,100										160
170	35.3	276.6	134,400 *	44.2	293.8	169,200 *	51.6	304.6	189,400	58.2	310.7	179,600							170
180	28.3	259.8	116,200 *	38.6	282.0	148,600 *	46.8	295.7	175,500	53.8	303.7	166,500							180
190	18.9	235.7	97,500 *	32.3	267.4	129,900 *	41.6	285.0	162,400 *	49.2	295.5	154,800							190
200				24.5	248.1	112,000 *	35.7	272.0	143,000 *	44.2	285.7	144,400	51.3	293.2	136,700				200
210				12.5	216.3	91,700 *	28.8	255.5	125,000 *	38.7	273.9	135,100	46.4	284.1	127,800				210
220							19.7	232.2	106,900 *	32.3	259.3	126,600	41.2	273.3	119,800	48.3	280.5	113,100	220
230										24.6	240.1	118,800	35.2	260.1	112,500	43.2	270.4	106,200	230
240										12.7	208.5	99,900 *	28.2	243.3	105,700	37.6	258.2	99,800	240
250													18.9	219.1	99,400	31.1	243.0	94,000	250
260																22.9	222.4	88,400	260
270																8.8	184.6	83,000	270



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

175 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	74.0	358.8	362,900 *																90
95	72.4	357.2	352,300 *																95
100	70.7	355.5	339,700 *																100
105	69.0	353.5	326,300 *																105
110	67.3	351.4	312,000 *																110
115	65.5	349.2	289,600 *																115
120	63.7	346.7	268,100 *	69.1	351.6	310,700													120
130	60.1	341.1	232,000 *	65.7	347.3	279,500													130
140	56.3	334.7	202,600 *	62.1	342.2	253,500													140
150	52.3	327.3	178,000 *	58.4	336.2	220,900 *	64.0	341.5	219,700										150
160	48.1	318.7	157,000 *	54.5	329.4	193,900 *	60.3	336.0	201,700										160
170	43.6	308.7	138,700 *	50.5	321.4	171,200 *	56.6	329.6	186,000										170
180	38.7	296.8	122,400 *	46.1	312.2	151,600 *	52.6	322.3	172,300	58.4	328.0	162,800							180
190	33.2	282.6	107,400 *	41.5	301.4	134,400 *	48.4	313.7	160,200	54.6	321.2	151,300							190
200	26.6	264.5	93,100 *	36.3	288.6	118,800 *	44.0	303.8	146,000 *	50.5	313.3	141,000							200
210	17.8	238.8	78,100 *	30.3	272.8	104,300 *	39.1	292.2	129,700 *	46.2	304.1	131,800	52.3	310.8	124,200				210
220				23.0	252.1	90,100 *	33.6	278.1	114,900 *	41.5	293.3	123,400	48.1	302.2	116,300				220
230				11.7	218.2	73,700 *	27.1	260.3	100,800 *	36.3	280.5	115,800	43.6	292.2	109,100	49.7	298.4	102,500	230
240							18.5	235.4	86,400 *	30.4	264.8	108,900	38.7	280.4	102,500	45.4	288.9	96,200	240
250										23.1	244.1	96,600 *	33.1	266.1	96,400	40.6	277.9	90,500	250
260										11.9	210.4	80,900 *	26.5	248.0	90,800	35.3	264.6	85,200	260
270													17.7	222.2	85,400	29.2	248.2	80,300	270
280																21.5	226.1	75,600	280
290																8.3	185.9	70,900	290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

175 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	74.2	378.2	318,700 *																95
100	72.7	376.6	310,500 *																100
105	71.2	374.9	301,200 *																105
110	69.6	373.1	290,700 *																110
115	68.1	371.1	279,600 *																115
120	66.5	368.9	268,100 *																120
130	63.4	364.0	232,300 *	68.2	369.1	276,900													130
140	60.1	358.5	203,200 *	65.1	364.6	251,000													140
150	56.7	352.1	179,000 *	61.9	359.5	220,900 *													150
160	53.1	344.9	158,500 *	58.6	353.6	194,300 *	63.6	358.8	199,000										160
170	49.4	336.6	140,800 *	55.1	346.8	172,000 *	60.3	353.3	183,400										170
180	45.5	327.1	125,200 *	51.5	339.1	152,900 *	56.9	347.0	169,800										180
190	41.2	316.2	111,300 *	47.7	330.4	136,300 *	53.4	339.8	157,700	58.6	345.4	148,600							190
200	36.6	303.5	98,600 *	43.6	320.3	121,600 *	49.7	331.6	147,000	55.1	338.6	138,400							200
210	31.4	288.2	86,700 *	39.2	308.6	108,300 *	45.8	322.3	131,500 *	51.5	331.0	129,200							210
220	25.1	268.9	75,100 *	34.3	294.8	96,100 *	41.6	311.5	117,700 *	47.7	322.2	121,000	53.1	328.4	113,600				220
230	16.8	241.6	62,800 *	28.7	277.9	84,500 *	36.9	298.9	105,100 *	43.6	312.1	113,500	49.4	320.1	106,500				230
240				21.8	255.9	73,000 *	31.7	283.8	93,300 *	39.2	300.5	106,600	45.5	310.7	100,000				240
250				11.1	220.0	59,300 *	25.6	264.8	82,000 *	34.4	286.7	100,300	41.2	299.8	94,000	47.0	307.2	87,800	250
260							17.5	238.4	70,100 *	28.8	269.9	90,100 *	36.6	287.0	88,500	42.9	296.9	82,700	260
270										21.8	247.9	78,800 *	31.3	271.7	83,400	38.4	284.8	77,800	270
280										11.2	212.3	65,800 *	25.1	252.4	78,600	33.4	270.6	73,400	280
290													16.7	225.0	74,100	27.6	253.1	69,200	290
300																20.3	229.7	65,200	300
310																7.8	187.1	61,100	310



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

175 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	74.3	397.6	281,000 *																100
105	72.9	396.0	274,800 *																105
110	71.6	394.4	267,700 *																110
115	70.2	392.6	259,700 *																115
120	68.8	390.6	251,100 *																120
130	66.0	386.3	231,200 *																130
140	63.1	381.4	202,300 *	67.5	386.6	247,700													140
150	60.1	375.8	178,300 *	64.6	382.0	219,500 *													150
160	57.0	369.5	158,000 *	61.7	376.8	193,100 *													160
170	53.8	362.4	140,600 *	58.7	370.9	170,200 *	63.3	376.2	179,900										170
180	50.5	354.4	125,400 *	55.6	364.2	150,800 *	60.3	370.6	166,400										180
190	47.0	345.4	112,000 *	52.3	356.8	134,500 *	57.2	364.4	154,400										190
200	43.2	335.1	99,900 *	48.9	348.3	120,300 *	54.0	357.3	142,700 *	58.7	362.7	134,800							200
210	39.2	323.4	88,900 *	45.3	338.8	108,000 *	50.7	349.4	127,600 *	55.6	356.1	125,700							210
220	34.8	309.8	78,700 *	41.4	327.9	97,400 *	47.2	340.4	114,500 *	52.3	348.6	117,500							220
230	29.8	293.5	69,000 *	37.3	315.4	86,800 *	43.5	330.3	103,100 *	48.9	340.2	110,100	53.8	345.9	102,800				230
240	23.9	273.1	59,400 *	32.6	300.7	77,000 *	39.5	318.7	93,100 *	45.3	330.6	103,300	50.4	337.9	96,400				240
250	16.0	244.4	49,000 *	27.3	282.8	67,400 *	35.1	305.2	84,100 *	41.5	319.8	97,100	46.9	328.9	90,500				250
260				20.7	259.5	57,800 *	30.2	289.1	74,900 *	37.3	307.3	88,600 *	43.2	318.7	85,100	48.3	325.2	79,000	260
270				10.5	221.8	46,200 *	24.4	269.1	65,500 *	32.7	292.6	80,300 *	39.2	306.9	80,100	44.7	315.5	74,300	270
280							16.7	241.2	55,600 *	27.4	274.7	72,500 *	34.8	293.3	75,500	40.8	304.3	69,900	280
290										20.8	251.5	63,100 *	29.8	277.0	71,100	36.5	291.5	65,800	290
300										10.7	214.0	52,000 *	23.9	256.6	67,000	31.8	276.3	62,000	300
310													15.9	227.7	59,800 *	26.3	257.7	58,100 *	310
320																19.3	233.0	54,100 *	320
330																7.4	188.3	50,100 *	330



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

175 Ft. Boom, 240 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	74.4	417.0	248,600 *																105
110	73.2	415.4	243,800 *																110
115	71.9	413.8	238,300 *																115
120	70.6	412.0	232,300 *																120
130	68.1	408.1	218,500 *																130
140	65.5	403.7	199,600 *	69.5	408.2	238,000 *													140
150	62.8	398.7	174,800 *	66.9	404.1	212,900 *													150
160	60.1	393.1	154,200 *	64.3	399.4	187,800 *													160
170	57.2	386.8	136,800 *	61.6	394.1	165,000 *													170
180	54.3	379.9	121,600 *	58.8	388.2	145,900 *	63.0	393.5	163,700										180
190	51.3	372.1	108,900 *	55.9	381.7	129,800 *	60.3	387.9	151,800										190
200	48.2	363.4	97,700 *	53.0	374.3	116,100 *	57.4	381.7	137,900 *										200
210	44.8	353.7	87,900 *	49.9	366.1	104,000 *	54.5	374.8	123,100 *	58.8	380.1	123,000							210
220	41.3	342.7	79,300 *	46.7	357.0	93,400 *	51.5	367.1	110,300 *	56.0	373.5	114,900							220
230	37.5	330.2	71,200 *	43.2	346.8	84,200 *	48.4	358.5	99,100 *	53.0	366.2	107,500							230
240	33.3	315.7	62,800 *	39.6	335.1	76,000 *	45.1	348.8	89,100 *	49.9	358.0	100,800	54.3	363.4	93,700				240
250	28.5	298.6	54,700 *	35.6	321.8	68,600 *	41.5	337.9	80,400 *	46.7	348.9	93,900 *	51.3	355.6	87,800				250
260	22.9	277.1	46,500 *	31.2	306.2	61,500 *	37.7	325.5	72,600 *	43.3	338.6	84,700 *	48.1	347.0	82,500				260
270	15.3	247.0	37,600 *	26.1	287.4	53,600 *	33.6	311.2	65,600 *	39.6	327.0	76,500 *	44.8	337.2	77,500	49.4	343.1	71,500	270
280				19.8	262.9	45,400 *	28.9	294.3	59,400 *	35.6	313.7	69,100 *	41.3	326.2	73,000	46.1	333.8	67,200	280
290				10.0	223.4	35,400 *	23.3	273.2	52,100 *	31.2	298.1	62,500 *	37.4	313.7	68,700	42.6	323.3	63,100 *	290
300							15.9	244.0	43,600 *	26.1	279.3	56,500 *	33.2	299.3	64,700	38.9	311.4	58,800 *	300
310										19.8	254.9	50,200 *	28.5	282.0	59,200 *	34.9	297.8	54,800 *	310
320										10.2	215.7	40,700 *	22.8	260.5	53,600 *	30.4	281.7	51,100 *	320
330													15.2	230.3	47,600 *	25.1	262.1	47,500 *	330
340																18.5	236.2	44,000 *	340
350																7.0	189.4	40,400 *	350



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

175 Ft. Boom, 260 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	74.5	436.3	220,400 *																110
115	73.3	434.8	216,800 *																115
120	72.2	433.2	212,600 *																120
130	69.9	429.7	202,800 *																130
140	67.5	425.6	191,700 *																140
150	65.1	421.1	169,100 *	68.8	425.8	203,300 *													150
160	62.6	416.0	148,900 *	66.4	421.5	181,600 *													160
170	60.1	410.4	131,800 *	63.9	416.7	159,400 *													170
180	57.5	404.2	117,300 *	61.4	411.4	140,800 *													180
190	54.8	397.3	104,600 *	58.9	405.6	125,200 *	62.8	410.8	148,300										190
200	52.0	389.7	93,600 *	56.3	399.0	111,600 *	60.2	405.2	133,100 *										200
210	49.1	381.3	83,900 *	53.5	391.9	99,800 *	57.6	399.1	118,500 *										210
220	46.1	372.0	75,400 *	50.7	383.9	89,400 *	55.0	392.2	105,800 *	58.9	397.4	111,300							220
230	42.9	361.6	67,800 *	47.8	375.1	80,200 *	52.2	384.7	94,800 *	56.3	390.9	104,000							230
240	39.6	349.9	61,000 *	44.7	365.3	72,100 *	49.3	376.3	85,100 *	53.6	383.7	97,300							240
250	35.9	336.7	54,900 *	41.4	354.4	64,900 *	46.3	367.1	76,500 *	50.8	375.7	89,700 *	54.8	380.9	84,200				250
260	31.9	321.5	48,400 *	37.9	342.0	58,400 *	43.2	356.8	68,800 *	47.8	366.9	80,700 *	52.0	373.3	78,900				260
270	27.3	303.4	41,500 *	34.1	328.0	52,600 *	39.8	345.2	61,900 *	44.7	357.2	72,600 *	49.1	364.9	74,000				270
280	21.9	280.9	34,600 *	29.9	311.6	47,300 *	36.2	332.1	55,700 *	41.5	346.2	65,300 *	46.1	355.5	69,500				280
290	14.6	249.5	26,800 *	25.0	291.8	40,800 *	32.2	317.0	50,100 *	38.0	333.9	58,800 *	42.9	345.1	65,300	47.3	351.9	58,300 *	290
300				19.0	266.2	33,700 *	27.7	299.2	45,100 *	34.2	319.9	52,900 *	39.5	333.5	61,400	44.2	342.0	54,100 *	300
310				9.6	225.0	25,000 *		277.1	39,700 *	29.9	303.5	47,600 *	35.9	320.2	55,600 *	40.9	330.8	50,200 *	310
320							15.3	246.6	32,300 *	25.1	283.7	42,800 *	31.9	305.0	50,000 *	37.3	318.2	46,500 *	320
330										19.0	258.2	38,200 *	27.3	286.9	44,900 *	33.4	303.8	43,100 *	330
340										9.7	217.3	29,900 *	21.9	264.4	40,300 *	29.1	286.9	39,800 *	340
350													14.6	232.8	36,000 *	24.1	266.4	36,600 *	350
360																17.7	239.3	33,600 *	360
370																6.7	190.5	30,400 *	370



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

175 Ft. Boom, 280 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
115	74.6	455.7	195,800 *																115
120	73.5	454.2	193,000 *																120
130	71.4	450.9	186,200 *																130
140	69.2	447.2	178,100 *																140
150	67.0	443.1	164,800 *																150
160	64.7	438.5	144,800 *	68.2	443.3	174,700 *													160
170	62.4	433.4	128,100 *	65.9	438.9	155,500 *													170
180	60.1	427.7	113,500 *	63.7	434.1	137,000 *													180
190	57.6	421.6	100,800 *	61.3	428.8	121,200 *	64.9	433.2	145,700										190
200	55.2	414.8	89,800 *	59.0	422.9	107,700 *	62.6	428.2	129,100 *										200
210	52.6	407.3	80,100 *	56.5	416.4	96,000 *	60.2	422.6	114,500 *										210
220	50.0	399.1	71,600 *	54.0	409.3	85,600 *	57.8	416.4	101,900 *										220
230	47.2	390.1	64,100 *	51.4	401.6	76,500 *	55.3	409.7	91,000 *	59.0	414.7	101,300							230
240	44.3	380.2	57,300 *	48.7	393.0	68,400 *	52.8	402.3	81,300 *	56.6	408.3	94,700							240
250	41.3	369.2	51,200 *	45.9	383.6	61,100 *	50.2	394.1	72,700 *	54.0	401.2	85,900 *							250
260	38.0	356.8	45,700 *	43.0	373.2	54,700 *	47.4	385.2	65,000 *	51.5	393.4	76,800 *							260
270	34.5	342.9	40,700 *	39.9	361.6	48,800 *	44.5	375.3	58,200 *	48.8	384.9	68,800 *	52.6	390.9	71,300				270
280	30.7	326.9	35,700 *	36.5	348.6	43,500 *	41.5	364.4	52,000 *	46.0	375.5	61,600 *	50.0	382.7	66,800				280
290	26.3	308.0	30,700 *	32.8	333.9	38,500 *	38.3	352.2	46,400 *	43.0	365.1	55,100 *	47.2	373.7	62,700				290
300	21.1	284.6	24,600 *	28.8	316.7	33,800 *	34.8	338.4	41,200 *	39.9	353.5	49,200 *	44.3	363.7	58,000 *	48.3	369.9	50,500 *	300
310	14.1	251.9	17,800 *	24.1	296.0	29,500 *	31.0	322.5	36,300 *	36.5	340.5	43,800 *	41.3	352.7	51,800 *	45.4	360.4	46,600 *	310
320				18.2	269.4	24,000 *	26.6	303.9	31,800 *	32.9	325.8	38,700 *	38.0	340.4	46,200 *	42.5	349.8	43,000 *	320
330				9.2	226.6	16,300 *	21.5	280.8	27,700 *	28.8	308.6	34,100 *	34.5	326.4	41,000 *	39.3	338.0	39,600 *	330
340							14.7	249.1	22,900 *	24.1	288.0	29,700 *	30.7	310.4	36,100 *	35.9	324.7	36,400 *	340
350										18.3	261.4	25,700 *	26.3	291.5	31,600 *	32.2	309.5	33,400 *	350
360										9.4	218.9	20,900 *	21.1	268.0	27,500 *	28.0	291.9	30,500 *	360
370													14.0	235.2	23,400 *	23.2	270.4	27,700 *	370
380																17.0	242.2	25,000 *	380
390																6.5	191.5	21,200 *	390



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

175 Ft. Boom, 300 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
120	74.6	475.1	174,100 *																120
130	72.6	472.0	169,500 *																130
140	70.6	468.6	163,700 *																140
150	68.6	464.8	156,700 *																150
160	66.5	460.5	139,100 *	69.7	464.8	165,600 *													160
170	64.4	455.8	122,600 *	67.6	460.8	148,400 *													170
180	62.2	450.7	108,500 *	65.5	456.3	131,200 *													180
190	60.1	445.1	96,000 *	63.4	451.5	115,900 *													190
200	57.8	438.9	85,200 *	61.3	446.1	102,700 *	64.5	450.6	123,500 *										200
210	55.5	432.2	75,700 *	59.0	440.2	91,200 *	62.4	445.5	109,300 *										210
220	53.1	424.9	67,300 *	56.8	433.8	81,100 *	60.2	439.9	97,000 *										220
230	50.7	416.9	59,900 *	54.4	426.8	72,100 *	58.0	433.8	86,300 *										230
240	48.2	408.1	53,200 *	52.0	419.2	64,100 *	55.7	427.1	76,800 *	59.1	432.0	91,200							240
250	45.5	398.6	47,200 *	49.6	410.9	57,000 *	53.3	419.8	68,400 *	56.8	425.6	81,200 *							250
260	42.7	388.1	41,600 *	47.0	401.8	50,600 *	50.9	411.9	60,800 *	54.5	418.7	72,400 *							260
270	39.8	376.4	36,200 *	44.3	391.8	44,700 *	48.3	403.2	54,000 *	52.1	411.0	64,500 *							270
280	36.7	363.5	31,300 *	41.4	380.8	39,200 *	45.7	393.7	47,800 *	49.6	402.7	57,400 *	53.1	408.4	62,700 *				280
290	33.3	348.9	26,800 *	38.4	368.6	34,100 *	42.9	383.2	42,100 *	47.0	393.6	50,900 *	50.7	400.4	58,000 *				290
300	29.6	332.2	22,300 *	35.2	355.0	29,300 *	40.0	371.7	36,800 *	44.3	383.7	44,900 *	48.1	391.7	53,700 *				300
310				31.7	339.5	24,800 *	36.9	358.9	31,900 *	41.5	372.7	39,300 *	45.5	382.1	47,500 *	49.1	387.8	41,800 *	310
320				27.8	321.6	20,600 *	33.6	344.4	27,200 *	38.5	360.5	34,300 *	42.7	371.6	41,700 *	46.5	378.6	38,300 *	320
330							29.9	327.9	22,800 *	35.2	346.9	29,500 *	39.8	360.0	36,500 *	43.8	368.4	35,000 *	330
340							25.7	308.4	17,700 *	31.7	331.4	24,900 *	36.7	347.0	31,700 *	40.9	357.3	31,800 *	340
350										27.8	313.5	20,700 *	33.3	332.4	26,900 *	37.9	344.8	28,900 *	350
360													29.6	315.7	22,500 *	34.6	330.9	26,000 *	360
370													25.4	296.0	18,400 *	31.0	315.1	23,400 *	370
380																27.0	296.7	20,000 *	380



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

175 Ft. Boom, 320 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
130	73.8	493.0	153,200 *																130
140	71.9	489.8	149,200 *																140
150	70.0	486.2	144,400 *																150
160	68.1	482.3	131,800 *																160
170	66.1	478.0	116,400 *	69.1	482.4	139,600 *													170
180	64.1	473.2	102,700 *	67.2	478.3	124,600 *													180
190	62.1	468.0	90,700 *	65.2	473.7	109,900 *													190
200	60.0	462.4	80,100 *	63.2	468.8	97,100 *													200
210	57.9	456.2	70,800 *	61.2	463.4	85,900 *	64.3	468.0	103,500 *										210
220	55.8	449.6	62,600 *	59.1	457.5	76,100 *	62.2	462.8	91,600 *										220
230	53.6	442.4	55,300 *	57.0	451.2	67,300 *	60.2	457.2	81,100 *										230
240	51.3	434.5	48,600 *	54.8	444.3	59,400 *	58.1	451.1	71,800 *										240
250	49.0	426.0	42,500 *	52.6	436.8	52,300 *	55.9	444.5	63,600 *	59.1	449.4	76,200 *							250
260	46.5	416.8	36,700 *	50.3	428.6	45,800 *	53.7	437.3	56,000 *	57.0	443.0	67,500 *							260
270	44.0	406.7	31,300 *	47.9	419.8	39,900 *	51.5	429.5	49,200 *	54.8	436.1	59,600 *							270
280	41.3	395.6	26,300 *	45.4	410.2	34,300 *	49.1	421.1	42,900 *	52.6	428.6	52,400 *							280
290	38.5	383.4	21,600 *	42.8	399.7	29,000 *	46.7	411.9	37,200 *	50.3	420.5	45,900 *	53.6	425.9	54,400 *				290
300	35.5	369.9	15,000 *	40.1	388.1	24,100 *	44.2	401.8	31,800 *	47.9	411.7	40,000 *	51.3	418.1	48,700 *				300
310				37.1	375.4	19,600 *	41.5	390.8	26,700 *	45.4	402.0	34,300 *	48.9	409.6	42,500 *				310
320							38.7	378.7	22,000 *	42.8	391.5	29,100 *	46.5	400.3	36,800 *	49.9	405.6	34,700 *	320
330							35.7	365.3	17,600 *	40.1	380.0	24,300 *	44.0	390.2	31,400 *	47.4	396.7	31,400 *	330
340										37.2	367.3	19,700 *	41.3	379.2	26,400 *	44.9	386.9	28,300 *	340
350													38.5	367.0	21,700 *	42.3	376.2	25,300 *	350
360													35.5	353.4	17,400 *	39.6	364.5	22,600 *	360
370																36.6	351.5	19,000 *	370



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

200 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.2	306.9	506,200 *b																70
75	71.1	305.2	486,200 *b																75
80	68.0	303.1	466,300 *b																80
85	64.9	300.8	428,700 *																85
90	61.6	298.1	394,700 *																90
95	58.2	295.0	364,900 *	69.7	301.8	431,700 b													95
100	54.7	291.4	339,300 *	66.5	299.6	403,200 b													100
105	51.1	287.4	317,200 *	63.3	297.1	378,100													105
110	47.2	282.8	298,200 *	60.0	294.2	355,700													110
115	43.0	277.6	281,500 *	56.6	291.0	335,700													115
120	38.5	271.4	257,600 *	53.0	287.2	317,600	64.8	294.4	301,900										120
130	27.4	254.9	210,500 *	45.2	278.0	286,300	58.2	288.6	272,300										130
140				36.1	265.7	252,300 *	51.0	281.1	247,500										140
150				24.1	247.2	206,000 *	43.0	271.2	226,300	56.1	281.1	214,500							150
160							33.3	257.7	208,000	48.7	272.9	197,300							160
170							19.7	236.1	191,700	40.3	262.1	182,300	53.5	271.5	172,600				170
180										29.8	246.9	168,900	45.8	262.5	160,100				180
190										12.7	218.8	156,500	36.8	250.4	149,000				190
200													25.1	232.6	138,800	42.2	249.6	131,400	200
210																32.3	235.6	122,900	210
220																17.9	212.5	114,800	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

200 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.4	326.3	456,800 *b																75
80	71.9	324.6	440,300 *b																80
85	69.3	322.7	423,800 *																85
90	66.7	320.6	399,400 *																90
95	64.1	318.1	368,600 *																95
100	61.3	315.4	341,800 *																100
105	58.5	312.3	318,800 *	68.1	319.3	374,700													105
110	55.7	308.9	298,900 *	65.5	317.0	352,500													110
115	52.7	305.1	281,500 *	62.8	314.4	332,600													115
120	49.5	300.9	266,200 *	60.0	311.6	314,600													120
130	42.7	290.8	230,800 *	54.2	304.8	283,600	64.0	311.8	268,700										130
140	34.9	277.7	195,900 *	48.0	296.3	257,600	58.5	306.0	244,100										140
150	24.8	259.3	163,600 *	41.0	285.6	227,000 *	52.6	298.8	223,200										150
160				32.8	271.6	193,200 *	46.2	289.8	205,300	56.8	298.5	193,700							160
170				21.8	251.0	161,200 *	39.0	278.3	189,600	50.7	290.8	179,000							170
180							30.2	263.1	175,700	44.1	281.1	166,000	54.7	289.0	156,400				180
190							17.8	239.1	157,300 *	36.5	268.8	154,400	48.4	280.7	145,500				190
200										27.1	251.7	144,000	41.5	270.2	135,800				200
210										11.4	220.6	134,100	33.4	256.5	127,000	45.6	268.2	119,400	210
220													22.7	236.6	118,800	38.2	256.5	111,900	220
230																29.3	240.8	105,000	230
240																16.2	215.2	98,400	240



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

200 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	74.5	345.6	414,500 *b																80
85	72.4	344.0	400,900 *																85
90	70.2	342.2	387,000 *																90
95	68.0	340.2	369,800 *																95
100	65.8	337.9	346,100 *																100
105	63.5	335.4	322,000 *																105
110	61.1	332.7	301,200 *	69.2	338.9	349,000													110
115	58.8	329.7	283,000 *	67.0	336.8	329,100													115
120	56.3	326.3	267,100 *	64.7	334.4	311,300													120
130	51.1	318.7	238,200 *	60.0	328.9	280,400													130
140	45.6	309.4	205,900 *	55.1	322.2	254,600	63.5	329.1	240,400										140
150	39.3	298.0	178,300 *	49.9	314.2	232,800	58.7	323.3	219,700										150
160	32.1	283.5	153,600 *	44.1	304.5	202,900 *	53.7	316.3	202,000										160
170	22.9	263.2	130,000 *	37.7	292.5	176,300 *	48.4	307.9	186,500	57.2	315.9	175,300							170
180				30.2	276.9	152,400 *	42.5	297.6	172,900	52.2	308.5	162,500							180
190				20.1	254.4	128,700 *	35.9	284.8	160,800	46.7	299.6	151,200							190
200							27.9	268.0	150,000	40.6	288.6	141,000	50.2	298.6	132,200				200
210							16.4	241.8	126,100 *	33.6	274.8	131,800	44.6	289.0	123,600				210
220										24.9	256.1	123,400	38.2	277.2	115,800	47.9	286.5	108,200	220
230										10.5	222.3	115,400	30.8	261.9	108,600	42.0	276.0	101,500	230
240													20.9	240.2	102,000	35.2	262.9	95,400	240
250																27.0	245.5	89,700	250
260																14.9	217.7	84,200	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

200 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
85	74.7	365.0	365,500 *																85
90	72.8	363.5	354,700 *																90
95	70.9	361.7	341,800 *																95
100	69.0	359.8	328,000 *																100
105	67.0	357.7	312,800 *																105
110	65.1	355.3	297,400 *																110
115	63.0	352.8	281,800 *	70.0	358.4	326,400													115
120	61.0	350.0	266,300 *	68.1	356.4	308,600													120
130	56.8	343.7	236,600 *	64.1	351.7	277,800													130
140	52.3	336.3	206,500 *	60.0	346.2	252,200													140
150	47.6	327.6	180,300 *	55.7	339.7	230,400	63.0	346.4	217,000										150
160	42.4	317.2	157,800 *	51.2	332.0	203,600 *	58.9	340.6	199,300										160
170	36.6	304.6	137,800 *	46.4	322.9	178,400 *	54.6	333.8	184,000										170
180	29.9	288.8	119,300 *	41.1	312.1	156,600 *	50.0	325.8	170,500	57.6	333.3	159,800							180
190	21.3	266.9	100,900 *	35.2	298.8	137,200 *	45.0	316.3	158,600	53.2	326.1	148,600							190
200				28.1	281.9	119,000 *	39.6	304.9	148,000	48.5	317.6	138,500							200
210				18.7	257.6	100,500 *	33.4	290.9	135,900 *	43.4	307.6	129,500	51.5	316.3	120,900				210
220							26.0	272.6	118,100 *	37.8	295.5	121,400	46.7	307.3	113,300				220
230							15.2	244.4	99,000 *	31.3	280.4	113,900	41.5	296.6	106,300	49.5	304.4	98,800	230
240										23.2	260.1	107,000	35.6	283.6	99,900	44.6	294.7	92,800	240
250										9.7	223.9	95,300 *	28.7	267.0	94,000	39.1	283.1	87,300	250
260													19.5	243.5	88,400	32.8	268.8	82,200	260
270																25.2	250.0	77,500	270
280																13.8	220.0	72,800	280



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

200 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	74.8	384.4	321,100 *																90
95	73.1	382.9	312,700 *																95
100	71.4	381.2	302,900 *																100
105	69.7	379.3	292,000 *																105
110	68.0	377.3	280,200 *																110
115	66.3	375.1	267,800 *																115
120	64.5	372.7	255,400 *																120
130	60.9	367.3	230,500 *	67.2	373.9	274,400													130
140	57.1	361.1	206,700 *	63.7	369.1	248,800													140
150	53.2	353.9	182,500 *	60.0	363.5	227,200													150
160	49.1	345.6	160,800 *	56.2	357.1	204,700 *	62.7	363.8	195,700										160
170	44.6	335.9	141,900 *	52.3	349.6	180,200 *	59.0	358.0	180,500										170
180	39.8	324.5	125,200 *	48.1	341.0	159,300 *	55.2	351.3	167,100										180
190	34.4	310.8	109,900 *	43.5	331.0	141,100 *	51.2	343.5	155,300	57.9	350.6	144,800							190
200	28.1	293.8	95,500 *	38.6	319.1	124,800 *	46.9	334.6	144,800	54.0	343.6	134,900							200
210	20.0	270.4	80,800 *	33.0	304.8	109,900 *	42.3	324.1	135,300	49.9	335.5	126,000							210
220				26.4	286.6	95,700 *	37.2	311.7	123,800 *	45.5	326.1	118,000	52.5	333.9	109,500				220
230				17.6	260.6	80,800 *	31.4	296.5	109,300 *	40.8	315.1	110,700	48.4	325.4	102,700				230
240							24.4	276.8	95,200 *	35.5	301.9	104,000	43.9	315.5	96,400				240
250							14.3	246.8	79,800 *	29.4	285.6	97,900	39.0	303.8	90,700	46.5	313.1	83,600	250
260										21.8	263.9	92,100	33.5	289.6	85,300	41.8	302.4	78,600	260
270										9.1	225.3	77,100 *	26.9	271.8	80,400	36.7	289.8	74,000	270
280													18.3	246.7	75,600	30.8	274.3	69,700	280
290																23.7	254.1	65,700	290
300																13.0	222.2	61,700	300



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

200 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	74.8	403.8	283,200 *																95
100	73.3	402.3	276,600 *																100
105	71.8	400.6	269,000 *																105
110	70.3	398.8	260,600 *																110
115	68.8	396.9	251,400 *																115
120	67.2	394.8	241,800 *																120
130	64.1	390.0	221,600 *	69.6	395.5	271,800													130
140	60.8	384.6	201,500 *	66.5	391.3	246,300													140
150	57.4	378.5	182,200 *	63.3	386.4	224,700													150
160	53.9	371.4	162,300 *	60.0	380.8	205,100 *													160
170	50.3	363.4	144,000 *	56.6	374.5	181,000 *	62.4	381.1	177,800										170
180	46.4	354.2	128,000 *	53.1	367.2	160,500 *	59.1	375.3	164,500										180
190	42.2	343.7	113,700 *	49.4	358.9	142,900 *	55.7	368.7	152,800										190
200	37.7	331.4	100,800 *	45.4	349.5	127,400 *	52.1	361.2	142,300	58.1	368.0	132,200							200
210	32.6	316.7	88,700 *	41.2	338.5	113,500 *	48.3	352.6	132,900	54.6	361.1	123,400							210
220	26.6	298.5	77,100 *	36.5	325.7	100,800 *	44.3	342.8	124,500	51.0	353.3	115,400							220
230	18.9	273.6	65,000 *	31.3	310.3	89,000 *	40.0	331.4	112,700 *	47.1	344.3	108,200	53.3	351.5	99,900				230
240				25.0	291.0	77,500 *	35.2	318.0	100,400 *	43.0	334.1	101,600	49.6	343.3	93,700				240
250				16.6	263.4	65,200 *	29.7	301.8	88,800 *	38.6	322.1	95,600	45.7	333.9	88,100				250
260							23.1	280.9	77,400 *	33.6	308.0	90,000	41.5	323.1	82,800	48.0	331.2	75,900	260
270							13.5	249.1	64,700 *	27.9	290.6	84,800	36.8	310.4	78,000	43.9	321.2	71,400	270
280										20.6	267.5	76,600 *	31.6	295.3	73,500	39.6	309.7	67,200	280
290										8.6	226.7	62,600 *	25.5	276.3	69,300	34.7	296.1	63,300	290
300													17.3	249.6	65,200	29.2	279.5	59,200 *	300
310																22.4	258.0	55,200 *	310
320																12.3	224.2	51,200 *	320



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

200 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	74.9	423.1	250,700 *																100
105	73.5	421.6	245,600 *																105
110	72.2	420.0	239,700 *																110
115	70.8	418.3	233,200 *																115
120	69.4	416.4	226,000 *																120
130	66.6	412.2	210,500 *																130
140	63.7	407.4	194,000 *	68.7	413.0	242,800													140
150	60.7	402.0	177,700 *	65.9	408.7	221,300													150
160	57.7	395.8	161,800 *	63.0	403.8	202,800													160
170	54.5	388.9	143,800 *	60.0	398.2	179,000 *													170
180	51.2	381.1	128,100 *	56.9	391.8	158,200 *	62.2	398.4	160,900										180
190	47.7	372.3	114,300 *	53.7	384.7	140,800 *	59.2	392.6	149,300										190
200	44.1	362.4	102,000 *	50.4	376.7	125,800 *	56.1	386.1	138,900										200
210	40.1	351.0	90,700 *	46.9	367.7	112,700 *	52.9	378.8	129,600	58.3	385.3	119,700							210
220	35.8	337.8	80,300 *	43.2	357.4	101,500 *	49.5	370.5	121,200	55.1	378.5	111,800							220
230	31.0	322.2	70,500 *	39.1	345.7	90,900 *	45.9	361.2	110,100 *	51.8	370.9	104,600							230
240	25.3	302.9	60,900 *	34.7	332.0	80,700 *	42.1	350.5	99,200 *	48.4	362.3	98,100	54.0	369.0	89,900				240
250	18.0	276.7	50,800 *	29.7	315.6	71,000 *	38.0	338.3	89,600 *	44.8	352.6	92,200	50.6	361.1	84,400				250
260				23.8	295.1	61,500 *	33.5	324.0	80,600 *	40.9	341.6	86,700	47.1	352.1	79,200				260
270				15.8	266.1	51,200 *	28.3	306.8	71,100 *	36.7	328.8	81,600	43.4	341.9	74,500	49.2	349.1	67,400 *	270
280							22.0	284.7	61,600 *	32.0	313.7	76,900	39.4	330.3	70,100	45.6	339.7	62,800 *	280
290							12.8	251.2	50,900 *	26.5	295.3	70,700 *	35.0	316.8	66,000	41.8	328.9	58,500 *	290
300										19.6	270.9	61,200 *	30.1	300.7	62,100	37.6	316.5	54,500 *	300
310										8.1	228.0	49,200 *	24.2	280.5	58,500	33.0	302.0	50,700 *	310
320													16.5	252.4	54,700 *	27.8	284.4	47,100 *	320
330																21.3	261.7	43,700 *	330
340																11.7	226.2	40,200 *	340



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

200 Ft. Boom, 240 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	75.0	442.5	222,600 *																105
110	73.7	441.0	218,600 *																110
115	72.5	439.4	214,000 *																115
120	71.2	437.7	208,900 *																120
130	68.6	433.9	197,300 *																130
140	66.0	429.6	184,500 *																140
150	63.4	424.7	171,000 *	68.0	430.6	218,700													150
160	60.7	419.3	157,600 *	65.4	426.1	199,300 *													160
170	57.9	413.2	140,800 *	62.7	421.1	175,100 *													170
180	55.0	406.4	125,100 *	60.0	415.5	154,500 *	64.7	420.9	158,200										180
190	52.0	398.8	111,600 *	57.2	409.2	137,100 *	62.0	415.7	146,600										190
200	48.9	390.3	100,200 *	54.3	402.2	122,200 *	59.3	410.0	136,200										200
210	45.6	380.8	90,100 *	51.3	394.4	109,300 *	56.4	403.5	127,000										210
220	42.1	370.1	81,100 *	48.1	385.7	98,100 *	53.5	396.3	118,600	58.4	402.6	109,000							220
230	38.3	358.0	72,600 *	44.8	376.0	88,200 *	50.4	388.3	106,600 *	55.5	396.0	101,900							230
240	34.2	344.0	64,000 *	41.2	365.0	79,600 *	47.2	379.3	95,700 *	52.6	388.5	95,500							240
250	29.6	327.5	55,900 *	37.4	352.5	71,900 *	43.8	369.3	86,200 *	49.5	380.2	89,600	54.5	386.5	81,600				250
260	24.2	307.2	47,800 *	33.2	337.9	64,600 *	40.2	357.9	77,700 *	46.2	370.9	84,100	51.5	378.8	76,500				260
270	17.2	279.7	39,100 *	28.4	320.7	56,500 *	36.3	344.9	70,200 *	42.8	360.5	79,100	48.3	370.1	71,800				270
280				22.7	299.1	48,500 *	32.0	329.8	63,500 *	39.1	348.7	74,500	45.0	360.5	67,500				280
290				15.1	268.7	39,600 *	27.0	311.6	56,800 *	35.0	335.1	68,300 *	41.5	349.6	63,400	46.9	357.9	54,800 *	290
300							21.0	288.3	48,800 *	30.5	319.1	61,800 *	37.7	337.1	59,500 *	43.5	347.7	50,900 *	300
310							12.3	253.3	39,500 *	25.3	299.7	55,900 *	33.5	322.8	55,500 *	39.9	336.2	47,200 *	310
320										18.8	274.1	48,600 *	28.8	305.8	51,700 *	35.9	323.0	43,700 *	320
330										7.8	229.2	38,300 *	23.2	284.6	48,100 *	31.6	307.6	40,400 *	330
340													15.7	255.1	44,500 *	26.5	289.1	37,300 *	340
350																20.3	265.2	34,300 *	350
360																11.1	228.0	31,200 *	360



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

200 Ft. Boom, 260 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	75.0	461.9	198,000 *																110
115	73.9	460.4	194,900 *																115
120	72.7	458.8	191,400 *																120
130	70.4	455.4	183,000 *																130
140	68.0	451.4	173,300 *																140
150	65.6	447.0	162,600 *	69.8	452.1	205,900 *													150
160	63.1	442.1	151,800 *	67.4	448.0	190,300 *													160
170	60.6	436.6	135,900 *	65.0	443.5	169,300 *													170
180	58.0	430.5	120,700 *	62.5	438.4	149,100 *													180
190	55.4	423.8	107,500 *	60.0	432.8	132,100 *	64.4	438.3	143,000										190
200	52.6	416.3	96,000 *	57.4	426.6	117,700 *	61.9	433.1	132,700										200
210	49.8	408.1	86,100 *	54.7	419.7	105,100 *	59.3	427.3	123,500										210
220	46.8	399.0	77,300 *	52.0	412.1	94,000 *	56.7	420.9	114,300 *										220
230	43.7	388.9	69,500 *	49.1	403.6	84,200 *	54.0	413.8	102,200 *	58.5	420.0	98,300							230
240	40.3	377.5	62,500 *	46.1	394.3	75,700 *	51.2	406.0	91,600 *	55.9	413.4	91,900							240
250	36.7	364.6	56,400 *	42.9	383.9	68,100 *	48.3	397.3	82,200 *	53.2	406.1	86,000							250
260	32.8	349.9	49,500 *	39.5	372.2	61,300 *	45.2	387.7	73,800 *	50.3	398.0	80,700	54.9	404.0	72,700				260
270	28.4	332.5	42,500 *	35.8	358.9	55,100 *	42.0	377.0	66,400 *	47.4	389.1	75,700	52.2	396.4	68,100				270
280	23.2	311.2	35,600 *	31.8	343.6	49,600 *	38.6	364.9	59,800 *	44.3	379.1	71,100	49.3	388.0	63,600 *				280
290	16.5	282.5	28,100 *	27.2	325.5	43,300 *	34.8	351.2	53,800 *	41.0	368.0	64,500 *	46.3	378.7	59,100 *				290
300				21.8	302.9	36,400 *	30.7	335.2	48,400 *	37.4	355.5	58,100 *	43.1	368.4	54,900 *	48.0	375.9	45,900 *	300
310				14.5	271.2	28,700 *	25.9	316.1	43,500 *	33.6	341.1	52,300 *	39.7	356.8	50,900 *	45.0	366.2	42,300 *	310
320							20.1	291.8	36,800 *	29.3	324.4	47,000 *	36.1	343.7	47,200 *	41.7	355.4	38,900 *	320
330							11.8	255.3	28,700 *	24.3	304.0	42,200 *	32.1	328.5	43,700 *	38.2	343.1	35,700 *	330
340										18.0	277.2	36,700 *	27.6	310.7	40,400 *	34.5	329.2	32,700 *	340
350										7.4	230.4	27,700 *	22.2	288.5	37,200 *	30.3	313.0	29,900 *	350
360													15.1	257.7	34,100 *	25.4	293.6	27,100 *	360
370																19.5	268.6	24,500 *	370
380																10.7	229.8	21,700 *	380



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

200 Ft. Boom, 280 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
115	75.0	481.2	176,400 *																115
120	74.0	479.8	174,000 *																120
130	71.8	476.6	168,100 *																130
140	69.6	473.0	161,000 *																140
150	67.4	468.9	153,000 *																150
160	65.2	464.4	144,300 *	69.1	469.7	180,100 *													160
170	62.9	459.4	130,400 *	66.9	465.5	162,100 *													170
180	60.6	453.9	115,500 *	64.7	460.9	143,300 *													180
190	58.2	447.9	102,600 *	62.4	455.8	126,700 *													190
200	55.7	441.2	91,300 *	60.0	450.1	112,500 *	64.1	455.6	130,000										200
210	53.2	433.9	81,500 *	57.6	443.9	100,200 *	61.7	450.4	120,800										210
220	50.6	425.9	72,900 *	55.1	437.1	89,300 *	59.4	444.6	109,100 *										220
230	47.8	417.1	65,200 *	52.6	429.7	79,800 *	57.0	438.3	97,300 *										230
240	45.0	407.3	58,300 *	49.9	421.5	71,300 *	54.5	431.3	86,900 *	58.6	437.3	89,100							240
250	42.0	396.6	52,200 *	47.2	412.4	63,800 *	51.9	423.6	77,700 *	56.2	430.8	83,300							250
260	38.8	384.6	46,600 *	44.3	402.5	57,100 *	49.2	415.2	69,500 *	53.7	423.6	78,000							260
270	35.3	371.0	41,500 *	41.2	391.4	51,000 *	46.4	406.0	62,200 *	51.1	415.7	73,100							270
280	31.6	355.5	36,600 *	38.0	379.1	45,600 *	43.5	395.7	55,600 *	48.4	407.1	67,400 *	52.8	414.0	59,900 *				280
290	27.3	337.4	31,500 *	34.5	365.1	40,500 *	40.4	384.4	49,700 *	45.5	397.5	60,300 *	50.1	405.8	55,400 *				290
300	22.3	315.1	25,500 *	30.6	349.1	35,700 *	37.1	371.6	44,400 *	42.6	387.0	53,900 *	47.4	396.9	51,300 *				300
310	15.9	285.3	18,900 *	26.2	330.1	31,200 *	33.5	357.2	39,400 *	39.4	375.2	48,200 *	44.5	387.0	47,400 *	49.0	393.8	38,600 *	310
320				21.0	306.6	26,300 *	29.5	340.5	34,600 *	36.0	362.0	42,900 *	41.5	376.0	43,800 *	46.2	384.5	35,200 *	320
330				13.9	273.6	19,600 *	24.9	320.5	30,200 *	32.3	346.9	38,000 *	38.2	363.8	40,300 *	43.2	374.2	32,100 *	330
340							19.4	295.2	26,200 *	28.2	329.4	33,300 *	34.7	349.9	37,100 *	40.1	362.7	29,200 *	340
350							11.3	257.2	19,700 *	23.4	308.1	29,000 *	30.9	334.1	34,000 *	36.8	349.8	26,400 *	350
360										17.3	280.2	25,000 *	26.5	315.4	31,100 *	33.1	335.2	23,700 *	360
370										7.1	231.6	18,900 *	21.4	292.2	27,700 *	29.1	318.2	21,200 *	370
380													14.5	260.2	23,600 *	24.5	297.9	18,800 *	380
390																18.8	271.9	16,400 *	390



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

200 Ft. Boom, 300 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
130	73.1	497.6	153,200 *																130
140	71.1	494.3	148,200 *																140
150	69.0	490.6	142,200 *																150
160	67.0	486.4	135,500 *																160
170	64.9	481.8	124,300 *	68.5	487.2	153,000 *													170
180	62.7	476.8	110,000 *	66.5	482.9	136,600 *													180
190	60.5	471.2	97,400 *	64.4	478.3	120,700 *													190
200	58.3	465.2	86,400 *	62.2	473.1	106,900 *													200
210	56.0	458.6	76,800 *	60.0	467.4	94,900 *	63.8	473.0	116,700 *										210
220	53.7	451.4	68,400 *	57.8	461.3	84,400 *	61.6	467.7	103,600 *										220
230	51.2	443.6	60,800 *	55.5	454.5	75,100 *	59.4	461.9	92,100 *										230
240	48.7	435.0	54,100 *	53.1	447.2	66,800 *	57.2	455.6	82,000 *										240
250	46.1	425.6	48,000 *	50.6	439.2	59,400 *	54.8	448.7	73,000 *	58.7	454.6	79,700							250
260	43.4	415.3	42,400 *	48.1	430.5	52,800 *	52.5	441.2	65,000 *	56.5	448.2	74,400							260
270	40.5	404.0	37,100 *	45.5	420.9	46,900 *	50.0	433.0	57,800 *	54.1	441.1	69,500							270
280	37.4	391.3	32,200 *	42.7	410.3	41,300 *	47.4	424.1	51,400 *	51.7	433.4	62,900 *							280
290	34.1	377.2	27,600 *	39.8	398.7	36,100 *	44.7	414.2	45,500 *	49.2	424.9	56,000 *	53.3	431.5	50,600 *				290
300	30.4	361.0	23,300 *	36.6	385.7	31,200 *	41.9	403.4	40,000 *	46.6	415.7	49,700 *	50.8	423.5	46,500 *				300
310	26.4	342.0	16,200 *	33.2	371.1	26,700 *	39.0	391.5	34,900 *	43.9	405.6	43,800 *	48.3	414.9	42,700 *				310
320				29.5	354.4	22,300 *	35.8	378.1	30,100 *	41.0	394.5	38,400 *	45.7	405.3	39,100 *	49.8	411.7	30,300 *	320
330				25.3	334.6	15,400 *	32.3	363.0	25,600 *	38.0	382.1	33,400 *	42.9	394.9	35,700 *	47.2	402.6	27,300 *	330
340							28.5	345.5	21,300 *	34.7	368.3	28,700 *	40.0	383.3	32,600 *	44.5	392.7	24,400 *	340
350										31.2	352.5	24,300 *	36.9	370.4	29,600 *	41.7	381.8	21,700 *	350
360										27.2	334.2	20,100 *	33.5	356.0	26,700 *	38.7	369.7	19,100 *	360
370													29.8	339.4	22,800 *	35.5	356.2	16,600 *	370
380													25.6	319.9	18,700 *				380



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

200 Ft. Boom, 320 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
130	74.2	518.5	138,700 *																130
140	72.3	515.4	135,200 *																140
150	70.4	511.9	130,900 *																150
160	68.5	508.1	126,000 *																160
170	66.5	503.8	120,000 *	69.9	508.7	143,400 *													170
180	64.6	499.2	106,000 *	68.0	504.7	130,600 *													180
190	62.5	494.1	93,400 *	66.1	500.4	116,500 *													190
200	60.5	488.6	82,500 *	64.1	495.6	102,800 *													200
210	58.4	482.5	72,900 *	62.1	490.4	90,900 *													210
220	56.3	476.0	64,500 *	60.0	484.8	80,500 *	63.6	490.4	99,500 *										220
230	54.1	468.9	56,900 *	57.9	478.6	71,200 *	61.5	485.0	88,000 *										230
240	51.8	461.2	50,200 *	55.8	472.0	62,900 *	59.5	479.3	78,000 *										240
250	49.5	452.8	43,900 *	53.5	464.7	55,500 *	57.3	473.0	69,100 *										250
260	47.1	443.8	38,000 *	51.3	456.9	48,800 *	55.2	466.2	61,100 *	58.8	472.0	71,700							260
270	44.5	433.9	32,600 *	48.9	448.4	42,600 *	52.9	458.8	53,800 *	56.7	465.5	66,600 *							270
280	41.9	423.0	27,500 *	46.5	439.1	36,800 *	50.7	450.8	47,100 *	54.5	458.5	58,800 *							280
290	39.1	411.1	22,700 *	43.9	429.0	31,400 *	48.3	442.1	41,000 *	52.3	451.0	51,700 *							290
300	36.1	397.9	16,700 *	41.3	417.9	26,400 *	45.8	432.6	35,500 *	49.9	442.7	45,200 *	53.7	449.0	42,800 *				300
310				38.4	405.7	21,700 *	43.2	422.2	30,100 *	47.5	433.8	39,300 *	51.4	441.2	39,000 *				310
320				35.4	392.1	16,100 *	40.5	410.9	25,100 *	45.0	424.1	33,800 *	49.1	432.7	35,500 *				320
330							37.7	398.3	20,500 *	42.4	413.4	28,600 *	46.6	423.5	32,200 *				330
340										39.7	401.7	23,700 *	44.1	413.5	29,000 *	48.1	420.6	20,700 *	340
350										36.7	388.8	19,200 *	41.4	402.5	26,100 *	45.6	411.1	18,000 *	350
360													38.6	390.3	22,100 *	43.0	400.6	15,500 *	360
370													35.6	376.9	17,800 *				370



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

225 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	72.4	330.8	448,800 *b																75
80	69.4	329.0	433,900 *b																80
85	66.3	326.7	418,700 *b																85
90	63.0	324.2	385,200 *																90
95	59.7	321.3	356,300 *																95
100	56.3	317.9	331,700 *	69.3	326.2	397,100 b													100
105	52.7	314.1	310,400 *	66.1	324.0	372,300 b													105
110	48.9	309.8	292,000 *	62.9	321.4	350,300													110
115	44.9	304.9	276,000 *	59.6	318.5	330,600													115
120	40.5	299.1	262,100 *	56.1	315.1	312,800													120
130	30.1	284.1	221,800 *	48.7	306.9	282,000	62.6	316.7	265,400										130
140	13.4	256.8	165,400 *	40.3	296.2	256,200	55.8	310.3	241,200										140
150				29.9	281.0	227,200 *	48.3	302.0	220,700										150
160				12.8	253.1	174,700 *	39.8	291.1	202,900	55.1	303.5	190,200							160
170							29.3	275.6	187,300	47.6	295.0	175,700							170
180							11.2	245.8	172,900	38.9	283.8	163,000	53.9	294.6	152,300				180
190										28.0	267.6	151,500	46.3	285.7	141,800				190
200										6.8	232.1	140,400	37.4	273.9	132,300				200
210													25.9	256.6	123,500	44.3	274.0	115,300	210
220																35.0	261.2	108,000	220
230																22.4	241.7	101,100	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

225 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	73.0	350.3	405,700 *b																80
85	70.4	348.5	389,800 *b																85
90	67.9	346.4	371,800 *																90
95	65.2	344.1	352,400 *																95
100	62.5	341.5	332,300 *																100
105	59.8	338.6	310,300 *																105
110	56.9	335.3	291,300 *	67.7	343.7	346,800													110
115	54.0	331.7	274,700 *	65.1	341.3	327,200													115
120	50.9	327.7	257,100 *	62.4	338.7	309,600													120
130	44.3	318.1	225,000 *	56.8	332.5	279,000													130
140	36.7	305.8	197,600 *	50.8	324.8	253,500	62.1	334.0	237,600										140
150	27.3	288.9	171,700 *	44.1	315.2	231,800	56.5	327.7	217,300										150
160	12.1	258.7	135,900 *	36.5	302.8	208,300 *	50.4	320.0	199,800										160
170				27.1	285.8	176,200 *	43.8	310.2	184,600	55.9	321.0	172,000							170
180				11.6	254.9	140,600 *	36.1	297.7	171,100	49.8	313.0	159,600							180
190							26.5	280.3	159,100	43.1	303.0	148,500	55.0	312.1	137,900				190
200							10.0	247.4	143,500 *	35.3	290.1	138,500	48.8	303.9	128,700				200
210										25.4	272.1	129,400	41.9	293.5	120,300				210
220										6.0	232.9	120,400	33.9	280.0	112,700	47.3	292.4	104,300	220
230													23.5	260.6	105,700	40.2	281.4	97,900	230
240																31.8	266.9	91,900	240
250																20.3	245.1	86,300	250



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

225 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	73.3	369.7	355,400 *																85
90	71.2	368.0	342,900 *																90
95	69.0	366.0	328,800 *																95
100	66.8	363.9	313,600 *																100
105	64.5	361.5	297,800 *																105
110	62.2	358.8	281,900 *																110
115	59.8	355.9	265,900 *	68.9	363.2	323,600													115
120	57.4	352.7	250,600 *	66.7	361.1	306,000													120
130	52.3	345.4	221,800 *	62.1	356.0	275,700													130
140	46.8	336.5	196,000 *	57.3	349.9	250,300													140
150	40.8	325.6	173,600 *	52.2	342.5	228,800	61.8	351.3	213,600										150
160	33.8	311.9	154,500 *	46.7	333.6	210,300	57.0	345.1	196,300										160
170	25.2	293.3	136,000 *	40.6	322.6	188,200 *	51.9	337.7	181,200										170
180	11.1	260.5	108,900 *	33.7	308.9	163,300 *	46.4	328.7	168,000	56.5	338.4	155,800							180
190				25.0	290.1	139,900 *	40.3	317.6	156,300	51.4	330.8	144,900							190
200				10.6	256.6	113,000 *	33.3	303.6	145,700	45.8	321.6	135,100							200
210							24.4	284.5	136,100	39.7	310.3	126,300	50.5	321.7	116,600				210
220							9.2	248.8	115,600 *	32.5	296.0	118,300	44.9	312.3	109,200				220
230										23.4	276.1	110,900	38.6	300.6	102,500	49.3	310.4	94,000	230
240										5.4	233.6	103,600	31.2	285.6	96,200	43.5	300.5	88,300	240
250													21.6	264.4	90,400	37.0	288.2	83,000	250
260																29.3	272.1	78,100	260
270																18.7	248.3	73,400	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

225 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	73.6	389.1	313,000 *																90
95	71.7	387.4	303,200 *																95
100	69.8	385.6	292,100 *																100
105	67.9	383.5	280,100 *																105
110	65.9	381.3	267,500 *																110
115	63.9	378.8	254,700 *																115
120	61.9	376.1	241,900 *	69.7	382.8	303,300													120
130	57.7	370.1	216,800 *	65.8	378.5	273,000													130
140	53.3	362.9	193,600 *	61.8	373.3	247,700													140
150	48.6	354.5	172,700 *	57.6	367.3	226,300													150
160	43.6	344.5	154,200 *	53.2	360.1	208,000	61.6	368.7	193,500										160
170	38.0	332.5	138,300 *	48.5	351.6	189,600 *	57.4	362.5	178,600										170
180	31.5	317.5	124,000 *	43.5	341.6	166,500 *	53.0	355.3	165,500										180
190	23.5	297.4	105,800 *	37.8	329.5	146,100 *	48.3	346.8	153,900	57.0	355.8	142,100							190
200	10.3	262.2	84,100 *	31.4	314.5	127,500 *	43.2	336.7	143,500	52.5	348.4	132,500							200
210				23.3	294.2	109,500 *	37.5	324.4	134,200	47.8	339.8	123,800							210
220				9.8	258.1	87,900 *	31.0	309.2	125,800	42.7	329.5	116,000	51.8	339.4	106,500				220
230							22.8	288.5	112,400 *	36.9	317.0	108,900	47.0	330.6	99,900				230
240							8.5	250.1	90,500 *	30.3	301.4	102,300	41.8	320.0	93,800				240
250										21.8	279.9	96,200	36.0	307.1	88,300	45.8	319.0	80,400	250
260										5.0	234.2	90,000	29.1	290.8	83,100	40.5	307.9	75,600	260
270													20.1	267.8	78,200	34.5	294.4	71,200	270
280																27.3	276.9	67,000	280
290																17.4	251.3	63,000	290



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

225 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	73.8	408.4	276,900 *																95
100	72.2	406.8	269,200 *																100
105	70.5	405.0	260,400 *																105
110	68.8	403.1	251,000 *																110
115	67.0	401.0	240,900 *																115
120	65.3	398.7	230,600 *																120
130	61.7	393.5	209,800 *	68.7	400.3	269,400													130
140	58.0	387.4	189,400 *	65.2	395.9	244,300													140
150	54.1	380.5	170,600 *	61.6	390.7	223,000													150
160	50.0	372.4	153,400 *	57.9	384.6	204,700	65.0	391.2	189,700										160
170	45.6	363.0	138,100 *	54.0	377.6	188,800	61.4	386.0	174,900										170
180	40.9	352.1	124,600 *	49.9	369.5	168,700 *	57.7	379.9	161,900										180
190	35.7	339.0	112,900 *	45.5	360.1	149,300 *	53.8	372.8	150,400										190
200	29.6	322.8	99,300 *	40.8	349.1	132,300 *	49.7	364.7	140,200	57.3	373.1	128,700							200
210	22.0	301.2	84,800 *	35.5	336.0	116,900 *	45.3	355.2	131,000	53.4	366.0	120,100							210
220	9.7	263.7	67,100 *	29.5	319.7	102,400 *	40.5	344.1	122,700	49.3	357.7	112,400							220
230				21.9	298.0	88,100 *	35.3	330.8	115,100	44.9	348.1	105,400	52.8	357.1	96,000				230
240				9.2	259.6	70,500 *	29.1	314.3	104,900 *	40.1	336.8	99,000	48.6	348.6	90,100				240
250							21.4	292.2	90,700 *	34.7	323.3	93,100	44.1	338.7	84,600				250
260							8.0	251.3	72,900 *	28.5	306.4	87,600	39.3	327.1	79,600	47.6	337.1	71,700	260
270										20.5	283.5	82,500	33.8	313.2	75,000	43.0	326.9	67,300 *	270
280										4.6	234.9	73,200 *	27.3	295.6	70,600	38.0	314.8	62,900 *	280
290													18.9	271.1	66,400	32.4	300.2	58,700 *	290
300																25.6	281.4	54,700 *	300
310																16.3	254.0	50,800 *	310



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

225 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	74.0	427.8	245,800 *																100
105	72.5	426.2	239,700 *																105
110	71.0	424.5	232,800 *																110
115	69.4	422.6	225,300 *																115
120	67.9	420.6	217,300 *																120
130	64.8	416.0	200,500 *																130
140	61.5	410.8	183,500 *	67.8	417.8	241,600													140
150	58.2	404.8	166,800 *	64.7	413.2	220,400													150
160	54.7	397.9	151,400 *	61.4	408.0	202,200													160
170	51.1	390.1	137,200 *	58.1	402.0	186,400	64.5	408.6	172,100										170
180	47.2	381.2	124,300 *	54.6	395.1	169,600 *	61.3	403.3	159,200										180
190	43.1	371.0	112,900 *	51.0	387.3	150,800 *	57.9	397.2	147,800										190
200	38.7	359.1	103,000 *	47.2	378.3	134,400 *	54.4	390.3	137,600										200
210	33.7	345.0	91,800 *	43.0	368.1	119,900 *	50.8	382.4	128,500	57.6	390.5	117,300							210
220	28.0	327.7	80,100 *	38.6	356.2	106,700 *	46.9	373.4	120,200	54.1	383.5	109,700							220
230	20.9	304.9	68,300 *	33.6	342.0	94,600 *	42.8	363.1	112,800	50.4	375.5	102,800							230
240	9.1	265.2	53,600 *	27.9	324.6	83,000 *	38.3	351.1	105,900	46.6	366.4	96,400	53.5	374.6	87,200				240
250				20.7	301.6	71,300 *	33.4	336.8	96,700 *	42.4	355.9	90,600	49.8	366.5	81,900				250
260				8.7	261.0	56,700 *	27.6	319.2	85,300 *	37.9	343.7	85,300	45.9	357.1	76,900				260
270							20.2	295.7	73,700 *	32.8	329.2	80,300	41.7	346.4	72,400	48.9	355.1	63,500 *	270
280							7.5	252.5	58,900 *	26.9	311.2	75,700	37.1	333.9	68,100	45.0	345.5	59,200 *	280
290										19.4	286.8	71,300	32.0	318.9	64,200	40.7	334.4	55,100 *	290
300										4.3	235.5	59,200 *	25.9	300.1	60,400	36.0	321.4	51,300 *	300
310													17.9	274.2	56,600 *	30.6	305.6	47,700 *	310
320																24.3	285.7	44,300 *	320
330																15.4	256.7	40,900 *	330



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

225 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	74.1	447.2	218,900 *																105
110	72.8	445.7	214,100 *																110
115	71.4	444.0	208,600 *																115
120	70.0	442.1	202,700 *																120
130	67.2	438.1	189,700 *																130
140	64.3	433.4	175,800 *	70.0	439.4	231,600 *													140
150	61.4	428.1	161,800 *	67.1	435.3	216,900													150
160	58.3	422.1	148,100 *	64.3	430.6	198,800													160
170	55.2	415.4	135,300 *	61.3	425.3	183,000													170
180	51.9	407.8	123,500 *	58.3	419.3	165,700 *	64.1	426.0	155,500										180
190	48.5	399.2	112,700 *	55.1	412.5	147,200 *	61.2	420.6	144,100										190
200	44.9	389.6	102,900 *	51.9	404.9	131,300 *	58.1	414.6	134,000										200
210	41.0	378.5	93,600 *	48.4	396.4	117,500 *	55.0	407.8	125,000										210
220	36.8	365.8	83,100 *	44.8	386.7	105,700 *	51.7	400.1	116,800	57.8	407.9	105,900							220
230	32.1	350.8	73,100 *	40.9	375.6	95,300 *	48.3	391.5	109,400	54.7	401.0	99,100							230
240	26.6	332.5	63,500 *	36.7	362.8	85,500 *	44.6	381.7	102,700	51.4	393.2	92,800							240
250	19.8	308.3	53,600 *	32.0	347.8	75,700 *	40.7	370.6	95,200 *	47.9	384.5	87,100	54.1	392.1	78,000				250
260	8.6	266.6	41,100 *	26.5	329.3	66,100 *	36.5	357.7	86,100 *	44.2	374.6	81,800	50.8	384.2	73,100				260
270				19.7	305.0	56,400 *	31.7	342.5	77,700 *	40.3	363.3	77,000	47.3	375.3	68,700				270
280				8.2	262.3	43,900 *	26.2	323.8	68,300 *	36.0	350.2	72,500	43.6	365.2	64,500	50.0	372.9	54,000 *	280
290							19.2	299.1	58,600 *	31.2	334.8	68,200	39.7	353.7	60,300 *	46.5	363.8	50,000 *	290
300							7.1	253.6	45,900 *	25.6	315.7	64,300	35.3	340.3	56,200 *	42.7	353.4	46,300 *	300
310										18.4	290.0	60,200 *	30.4	324.3	52,300 *	38.7	341.4	42,900 *	310
320										4.1	236.0	46,400 *	24.6	304.5	48,600 *	34.2	327.5	39,600 *	320
330													17.0	277.1	45,100 *	29.2	310.8	36,500 *	330
340																23.1	289.7	33,500 *	340
350																14.7	259.2	30,600 *	350



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

225 Ft. Boom, 240 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	74.3	466.6	195,300 *																110
115	73.0	465.0	191,500 *																115
120	71.7	463.4	187,200 *																120
130	69.2	459.7	177,400 *																130
140	66.6	455.5	166,500 *																140
150	64.0	450.8	155,000 *	69.1	456.9	205,100 *													150
160	61.3	445.4	143,500 *	66.6	452.7	196,100													160
170	58.5	439.5	132,100 *	63.9	448.0	180,400													170
180	55.6	432.8	121,500 *	61.2	442.6	161,900 *													180
190	52.6	425.4	111,600 *	58.4	436.6	143,500 *	63.8	443.3	141,300										190
200	49.5	417.1	102,000 *	55.6	430.0	127,800 *	61.1	437.9	131,300										200
210	46.3	407.9	91,700 *	52.6	422.5	114,100 *	58.3	431.9	122,300										210
220	42.8	397.5	82,600 *	49.5	414.2	102,300 *	55.4	425.2	114,200										220
230	39.2	385.7	74,500 *	46.2	405.0	91,900 *	52.4	417.7	106,900	58.0	425.2	96,200							230
240	35.1	372.1	66,300 *	42.8	394.5	82,800 *	49.3	409.4	100,200	55.1	418.4	90,000							240
250	30.7	356.3	58,100 *	39.1	382.7	74,800 *	46.0	400.1	91,800 *	52.1	410.9	84,400							250
260	25.5	336.9	50,000 *	35.1	369.1	67,600 *	42.6	389.6	82,700 *	49.0	402.4	79,200	54.7	409.6	70,300				260
270	19.0	311.6	41,600 *	30.6	353.2	60,400 *	38.9	377.7	74,700 *	45.7	393.0	74,400	51.6	401.9	65,600 *				270
280	8.2	267.9	30,800 *	25.3	333.8	52,400 *	34.8	364.0	67,500 *	42.2	382.4	69,900	48.5	393.3	60,900 *				280
290				18.8	308.2	44,100 *	30.3	347.9	61,100 *	38.5	370.3	65,800	45.2	383.7	56,700 *				290
300				7.9	263.6	33,400 *	25.0	328.3	54,400 *	34.4	356.4	61,900	41.7	372.9	52,700 *	47.7	381.9	42,500 *	300
310							18.4	302.2	46,200 *	29.8	340.1	58,300	37.9	360.6	48,900 *	44.4	372.0	39,200 *	310
320							6.8	254.7	35,300 *	24.5	320.0	54,800	33.7	346.3	45,400 *	40.8	360.9	36,000 *	320
330										17.6	293.0	47,700 *	29.0	329.5	42,000 *	37.0	348.1	33,000 *	330
340										3.9	236.6	35,800 *	23.5	308.6	38,800 *	32.7	333.4	30,200 *	340
350													16.3	279.9	35,600 *	27.9	315.8	27,500 *	350
360																22.0	293.6	24,800 *	360
370																14.0	261.5	22,200 *	370



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

225 Ft. Boom, 260 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
115	74.4	486.0	174,600 *																115
120	73.2	484.4	171,600 *																120
130	70.9	481.1	164,400 *																130
140	68.5	477.2	156,100 *																140
150	66.1	472.9	147,000 *																150
160	63.7	468.1	137,600 *	68.5	474.5	182,000 *													160
170	61.2	462.7	128,000 *	66.1	470.2	176,500 *													170
180	58.6	456.8	118,600 *	63.6	465.3	155,900 *													180
190	56.0	450.2	109,200 *	61.1	459.9	137,900 *													190
200	53.2	442.9	97,600 *	58.5	454.0	122,800 *	63.5	460.7	127,700										200
210	50.4	434.9	87,500 *	55.9	447.4	109,500 *	61.0	455.2	118,700										210
220	47.5	426.0	78,500 *	53.2	440.1	97,900 *	58.4	449.2	110,700										220
230	44.4	416.1	70,600 *	50.4	432.0	87,700 *	55.8	442.6	103,400										230
240	41.1	405.0	63,600 *	47.4	423.1	78,700 *	53.0	435.3	96,700	58.2	442.5	86,300							240
250	37.5	392.5	57,300 *	44.3	413.2	70,800 *	50.2	427.2	87,600 *	55.5	435.9	80,700							250
260	33.7	378.2	51,400 *	41.0	402.1	63,700 *	47.2	418.2	78,600 *	52.8	428.4	75,600							260
270	29.4	361.5	44,500 *	37.5	389.5	57,400 *	44.1	408.2	70,700 *	49.9	420.3	70,800							270
280	24.4	341.2	37,600 *	33.6	375.2	51,700 *	40.8	397.0	63,700 *	46.9	411.2	66,400	52.3	419.5	55,900 *				280
290	18.2	314.7	30,300 *	29.3	358.4	46,400 *	37.3	384.4	57,300 *	43.8	401.1	62,300	49.5	411.2	51,700 *				290
300	7.9	269.2	20,800 *	24.3	338.1	39,800 *	33.4	370.0	51,600 *	40.5	389.8	58,500	46.5	402.0	47,800 *				300
310				18.0	311.4	32,600 *	29.1	353.1	46,400 *	36.9	377.0	54,600 *	43.3	391.7	44,100 *	48.8	399.8	34,100 *	310
320				7.5	264.8	23,200 *	24.0	332.5	41,700 *	33.0	362.4	50,700 *	39.9	380.2	40,700 *	45.7	390.4	31,000 *	320
330							17.6	305.3	34,600 *	28.6	345.2	46,100 *	36.3	367.1	37,400 *	42.5	379.8	28,100 *	330
340							6.5	255.7	25,000 *	23.5	324.1	41,400 *	32.3	352.1	34,300 *	39.1	368.0	25,300 *	340
350										16.9	295.9	36,000 *	27.9	334.4	31,400 *	35.4	354.5	22,700 *	350
360										3.7	237.1	25,600 *	22.6	312.5	28,600 *	31.4	339.0	20,300 *	360
370													15.6	282.5	25,800 *	26.7	320.5	17,900 *	370
380																21.1	297.3	15,600 *	380



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

225 Ft. Boom, 280 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
120	74.4	505.3	156,200 *																120
130	72.3	502.2	151,100 *																130
140	70.1	498.7	145,000 *																140
150	67.9	494.8	138,000 *																150
160	65.7	490.3	130,400 *																160
170	63.4	485.5	122,600 *	67.9	492.0	161,600 *													170
180	61.1	480.1	114,600 *	65.6	487.6	149,000 *													180
190	58.7	474.1	103,900 *	63.4	482.7	131,700 *													190
200	56.3	467.6	92,500 *	61.0	477.3	116,900 *													200
210	53.7	460.4	82,600 *	58.7	471.3	104,100 *	63.2	478.0	116,000										210
220	51.1	452.6	73,900 *	56.2	464.8	92,800 *	60.9	472.6	108,000										220
230	48.4	444.0	66,100 *	53.7	457.6	82,900 *	58.5	466.6	100,700										230
240	45.6	434.4	59,200 *	51.1	449.7	74,100 *	56.1	460.0	92,500 *										240
250	42.6	423.9	53,000 *	48.4	441.1	66,300 *	53.6	452.8	82,800 *	58.3	459.9	77,900							250
260	39.5	412.2	47,400 *	45.6	431.5	59,400 *	50.9	444.9	74,000 *	55.8	453.3	72,800							260
270	36.1	399.0	42,300 *	42.6	421.0	53,100 *	48.2	436.2	66,200 *	53.3	446.0	68,100							270
280	32.4	384.0	37,500 *	39.4	409.3	47,500 *	45.4	426.6	59,300 *	50.7	438.0	63,700							280
290	28.3	366.5	32,900 *	36.0	396.0	42,400 *	42.4	416.0	53,100 *	48.0	429.2	59,500 *	52.9	437.1	48,000 *				290
300	23.5	345.4	27,200 *	32.3	381.0	37,500 *	39.3	404.2	47,400 *	45.1	419.6	55,200 *	50.3	429.0	44,100 *				300
310	17.5	317.7	20,900 *	28.2	363.4	32,900 *	35.8	390.9	42,300 *	42.1	408.8	51,200 *	47.5	420.0	40,500 *				310
320				23.4	342.2	28,700 *	32.1	375.7	37,500 *	38.9	396.9	47,100 *	44.7	410.2	37,100 *	49.6	417.7	27,100 *	320
330				17.3	314.3	23,000 *	28.0	358.0	32,900 *	35.5	383.4	41,900 *	41.6	399.3	33,900 *	46.9	408.6	24,300 *	330
340							23.1	336.5	28,600 *	31.7	368.1	37,100 *	38.4	387.2	30,900 *	44.0	398.5	21,600 *	340
350							17.0	308.2	24,900 *	27.5	350.0	32,600 *	34.9	373.4	28,000 *	40.9	387.3	19,100 *	350
360							6.2	256.7	16,400 *	22.6	328.1	28,400 *	31.1	357.7	25,300 *	37.6	374.8	16,700 *	360
370										16.2	298.7	24,500 *	26.8	339.2	22,700 *				370
380										3.5	237.6	17,000 *	21.7	316.3	20,200 *				380
390													15.0	285.1	17,700 *				390



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

225 Ft. Boom, 300 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
130	73.5	523.2	137,800 *													130
140	71.5	520.0	133,400 *													140
150	69.5	516.3	128,200 *													150
160	67.4	512.2	122,300 *													160
170	65.3	507.8	116,100 *	69.4	513.5	145,000 *										170
180	63.2	502.8	109,600 *	67.4	509.5	143,200 *										180
190	61.0	497.4	100,200 *	65.3	505.0	127,800 *										190
200	58.8	491.5	88,900 *	63.1	500.0	113,100 *										200
210	56.5	485.0	79,000 *	61.0	494.6	100,300 *										210
220	54.2	477.9	70,300 *	58.7	488.6	89,200 *	63.0	495.3	104,400							220
230	51.8	470.2	62,500 *	56.5	482.2	79,200 *	60.9	489.9	97,200							230
240	49.3	461.8	55,600 *	54.1	475.1	70,500 *	58.6	483.9	88,700 *							240
250	46.7	452.6	49,400 *	51.7	467.4	62,700 *	56.3	477.4	79,000 *							250
260	44.0	442.6	43,700 *	49.2	459.0	55,700 *	54.0	470.3	70,400 *	58.4	477.2	69,100				260
270	41.1	431.5	38,300 *	46.6	449.8	49,500 *	51.6	462.6	62,600 *	56.1	470.7	64,300 *				270
280	38.1	419.1	33,300 *	43.9	439.7	43,800 *	49.1	454.1	55,700 *	53.8	463.5	59,300 *				280
290	34.8	405.3	28,700 *	41.1	428.5	38,400 *	46.5	444.9	49,400 *	51.3	455.7	54,800 *				290
300	31.3	389.6	24,300 *	38.0	416.2	33,400 *	43.8	434.7	43,700 *	48.8	447.2	50,500 *	53.4	454.6	39,100 *	300
310	27.3	371.4	17,700 *	34.8	402.3	28,700 *	40.9	423.5	38,300 *	46.2	437.8	46,500 *	51.0	446.7	35,500 *	310
320				31.2	386.6	24,300 *	37.9	411.1	33,300 *	43.5	427.6	42,800 *	48.4	438.0	32,200 *	320
330				27.2	368.3	19,300 *	34.6	397.1	28,600 *	40.6	416.3	37,900 *	45.8	428.6	29,100 *	330
340							31.0	381.3	24,200 *	37.5	403.7	32,900 *	43.0	418.1	26,100 *	340
350							27.0	362.8	20,000 *	34.2	389.6	28,300 *	40.1	406.7	23,400 *	350
360										30.6	373.5	23,800 *	37.0	393.9	20,700 *	360
370										26.6	354.7	19,700 *	33.7	379.5	18,200 *	370
380													30.0	363.0	15,800 *	380



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

250 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	73.8	356.5	406,200 *b																75
80	70.7	354.7	391,700 *b																80
85	67.6	352.7	374,600 *b																85
90	64.5	350.3	355,800 *																90
95	61.2	347.5	336,300 *																95
100	57.8	344.4	316,600 *																100
105	54.3	340.8	297,300 *	68.8	350.5	365,900 b													105
110	50.6	336.7	278,600 *	65.7	348.3	344,300 b													110
115	46.7	332.0	260,800 *	62.5	345.6	324,900													115
120	42.4	326.6	244,300 *	59.1	342.7	307,500													120
130	32.7	312.8	215,400 *	52.0	335.4	277,200													130
140	18.5	290.2	180,500 *	44.1	325.9	251,900	60.2	338.8	234,400										140
150				34.8	313.0	230,200	53.2	331.8	214,500										150
160				22.0	293.1	200,400 *	45.5	322.7	197,200										160
170							36.4	310.5	182,100	54.0	325.9	168,500							170
180							24.5	292.3	168,600	46.4	317.1	156,300							180
190										37.5	305.3	145,400	54.3	317.7	133,800				190
200										26.1	288.1	135,400	46.7	309.0	124,900				200
210													37.9	297.3	116,800				210
220													26.7	280.5	109,300	46.4	298.3	100,100	220
230																37.6	286.5	94,000	230
240																26.1	269.3	88,100	240



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

250 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	74.1	375.9	354,900 *b																80
85	71.5	374.2	343,100 *b																85
90	69.0	372.3	329,700 *																90
95	66.4	370.1	314,800 *																95
100	63.7	367.6	299,100 *																100
105	61.0	364.8	283,200 *																105
110	58.2	361.7	267,500 *	70.0	370.1	340,600													110
115	55.3	358.2	252,100 *	67.4	368.0	321,300													115
120	52.3	354.4	237,300 *	64.8	365.6	304,000													120
130	45.8	345.3	209,700 *	59.3	360.0	274,000													130
140	38.5	333.7	186,000 *	53.4	353.0	248,900													140
150	29.6	318.1	166,200 *	47.1	344.3	227,600	60.2	356.1	210,800										150
160	16.7	293.0	144,600 *	40.0	333.2	209,200	54.4	349.3	193,800										160
170				31.5	318.6	189,600 *	48.2	340.9	179,000										170
180				19.9	296.5	157,300 *	41.2	330.3	166,000	55.1	343.4	152,500							180
190							33.0	316.4	154,400	48.9	335.2	141,900							190
200							22.2	296.1	143,800	42.0	324.9	132,400							200
210										34.0	311.4	123,800	49.2	327.1	113,100				210
220										23.6	292.2	115,800	42.3	316.8	105,900				220
230													34.4	303.5	99,400	48.9	316.4	90,100	230
240													24.2	284.7	93,200	42.1	306.1	84,600	240
250																34.1	292.6	79,500	250
260																23.7	273.4	74,700	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

250 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	74.3	395.3	312,400 *b																85
90	72.1	393.6	303,000 *																90
95	69.9	391.8	292,200 *																95
100	67.7	389.7	280,300 *																100
105	65.5	387.4	267,800 *																105
110	63.2	384.9	254,900 *																110
115	60.8	382.1	242,000 *																115
120	58.4	379.1	229,300 *	68.6	387.6	300,300													120
130	53.4	372.0	205,000 *	64.1	383.0	270,500													130
140	48.0	363.5	182,800 *	59.4	377.3	245,600													140
150	42.1	353.1	163,100 *	54.4	370.5	224,400	64.8	378.9	206,900										150
160	35.4	340.1	146,200 *	49.1	362.3	206,300	60.2	373.4	190,100										160
170	27.3	322.9	132,200 *	43.3	352.3	190,500	55.2	366.8	175,500										170
180	15.4	295.6	115,600 *	36.8	339.9	173,600 *	50.0	358.8	162,600										180
190				29.0	323.7	149,800 *	44.3	349.2	151,300	55.8	360.9	138,000							190
200				18.3	299.6	125,700 *	37.9	337.2	141,100	50.6	353.1	128,700							200
210							30.4	321.8	131,800	45.0	343.6	120,300							210
220							20.4	299.6	123,300	38.7	331.9	112,700	50.8	344.9	102,000				220
230										31.3	317.0	105,700	45.2	335.5	95,700				230
240										21.8	295.9	99,200	39.0	324.0	89,900				240
250													31.7	309.2	84,500	45.0	324.8	75,700	250
260													22.3	288.5	79,400	38.7	313.2	71,200	260
270																31.4	298.3	66,700 *	270
280																21.8	277.2	62,200 *	280



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

250 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	74.4	414.6	276,100 *																90
95	72.6	413.1	268,600 *																95
100	70.7	411.3	259,900 *																100
105	68.7	409.3	250,500 *																105
110	66.8	407.2	240,400 *																110
115	64.8	404.8	230,000 *																115
120	62.8	402.2	219,400 *																120
130	58.6	396.4	198,600 *	67.5	405.1	267,700													130
140	54.3	389.5	178,800 *	63.6	400.3	242,900													140
150	49.7	381.4	160,800 *	59.5	394.6	221,900													150
160	44.7	371.8	144,500 *	55.2	388.0	203,800	64.2	396.3	187,200										160
170	39.2	360.2	130,300 *	50.6	380.1	188,200	60.1	390.7	172,700										170
180	33.0	346.0	118,200 *	45.7	370.8	174,400	55.9	384.2	160,000										180
190	25.4	327.3	108,200 *	40.4	359.7	154,400 *	51.4	376.6	148,700										190
200	14.3	298.0	89,500 *	34.3	346.1	135,200 *	46.5	367.5	138,700	56.3	378.3	125,900							200
210				27.1	328.5	117,100 *	41.3	356.8	129,700	51.9	370.8	117,700							210
220				17.1	302.5	98,200 *	35.3	343.6	121,500	47.1	361.9	110,200							220
230							28.3	326.8	114,000	41.9	351.3	103,400	52.1	362.6	92,900				230
240							19.0	302.9	105,400 *	36.0	338.5	97,100	47.3	353.8	87,200				240
250										29.2	322.2	91,300	42.1	343.3	82,000				250
260										20.3	299.4	85,900	36.3	330.5	77,200	47.1	343.1	67,800 *	260
270													29.5	314.5	72,600	41.9	332.5	63,300 *	270
280													20.7	292.1	68,300	36.1	319.7	59,100 *	280
290																29.2	303.4	55,100 *	290
300																20.3	280.7	51,200 *	300



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

250 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	74.6	434.0	245,200 *																95
100	72.9	432.5	239,100 *																100
105	71.2	430.7	232,200 *																105
110	69.5	428.9	224,600 *																110
115	67.8	426.8	216,500 *																115
120	66.0	424.6	208,000 *																120
130	62.5	419.6	190,700 *																130
140	58.8	413.7	173,700 *	66.7	422.5	239,300													140
150	55.0	407.0	157,500 *	63.2	417.6	218,400													150
160	50.9	399.2	142,500 *	59.5	412.0	200,500													160
170	46.6	390.1	129,100 *	55.7	405.4	184,900	63.8	413.6	168,800										170
180	42.0	379.5	117,000 *	51.7	397.8	171,200	60.1	408.1	156,200										180
190	36.9	366.9	106,600 *	47.5	389.0	157,300 *	56.3	401.6	145,100										190
200	31.0	351.6	97,600 *	42.9	378.7	139,300 *	52.4	394.2	135,200										200
210	23.9	331.5	87,700 *	37.9	366.6	123,200 *	48.2	385.6	126,300	56.8	395.7	113,800							210
220	13.4	300.2	71,500 *	32.2	351.9	108,400 *	43.7	375.6	118,200	52.8	388.4	106,400							220
230				25.4	333.0	94,100 *	38.8	363.8	110,900	48.7	379.9	99,700							230
240				16.0	305.2	78,900 *	33.2	349.6	104,200	44.2	370.1	93,600	53.0	380.2	83,300				240
250							26.6	331.5	98,000	39.3	358.5	88,000	48.8	371.8	78,100				250
260							17.9	305.9	85,100 *	33.9	344.6	82,800	44.4	362.0	73,400				260
270										27.4	327.1	77,900	39.5	350.5	69,100	48.7	361.1	57,900 *	270
280										19.0	302.7	73,300	34.1	336.7	65,000	44.2	351.3	53,900 *	280
290													27.7	319.4	61,100 *	39.3	339.7	50,100 *	290
300													19.5	295.5	56,900 *	33.9	325.8	46,600 *	300
310																27.5	308.3	43,200 *	310
320																19.1	284.0	39,800 *	320



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

250 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	74.6	453.4	218,200 *																100
105	73.2	451.9	213,400 *																105
110	71.6	450.2	207,800 *																110
115	70.1	448.4	201,700 *																115
120	68.6	446.4	195,200 *																120
130	65.4	442.0	181,300 *																130
140	62.2	436.9	167,000 *	69.2	444.2	227,200 *													140
150	58.9	431.1	152,900 *	66.1	439.9	215,700													150
160	55.5	424.4	139,600 *	62.9	435.0	197,900													160
170	51.9	416.8	127,200 *	59.6	429.3	182,400													170
180	48.1	408.2	115,900 *	56.2	422.8	168,800	63.4	430.9	153,400										180
190	44.1	398.3	105,700 *	52.6	415.4	156,800	60.1	425.4	142,300										190
200	39.7	386.8	96,700 *	48.8	407.0	141,200 *	56.7	419.0	132,500										200
210	34.9	373.2	88,800 *	44.9	397.3	125,800 *	53.2	411.8	123,700										210
220	29.3	356.8	82,000 *	40.6	386.2	112,100 *	49.5	403.6	115,700	57.1	413.0	103,500							220
230	22.6	335.5	70,700 *	35.9	373.1	99,600 *	45.5	394.1	108,400	53.6	405.9	96,900							230
240	12.7	302.4	57,300 *	30.5	357.3	87,800 *	41.3	383.2	101,800	49.9	397.8	90,900							240
250				24.1	337.2	76,200 *	36.7	370.5	95,800	46.0	388.5	85,300	53.7	397.7	75,200				250
260				15.2	307.8	63,700 *	31.4	355.2	90,200	41.8	377.8	80,200	50.0	389.6	70,600				260
270							25.2	336.0	81,100 *	37.2	365.3	75,500	46.1	380.4	66,300				270
280							16.9	308.8	69,000 *	32.0	350.3	71,100	42.0	369.7	61,900 *	49.9	379.0	50,000 *	280
290										26.0	331.6	67,000	37.4	357.3	57,700 *	46.0	369.7	46,300 *	290
300										18.0	305.8	63,000	32.3	342.5	53,800 *	41.8	359.0	42,900 *	300
310													26.3	324.0	50,100 *	37.2	346.5	39,600 *	310
320													18.4	298.6	46,400 *	32.1	331.5	36,600 *	320
330																26.0	312.9	33,600 *	330
340																18.1	287.1	30,700 *	340



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

250 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	74.7	472.8	194,900 *																105
110	73.4	471.2	191,000 *																110
115	72.0	469.6	186,500 *																115
120	70.6	467.9	181,600 *																120
130	67.8	463.9	170,700 *																130
140	65.0	459.4	159,100 *																140
150	62.0	454.2	147,200 *	68.4	461.7	201,500 *													150
160	59.0	448.4	135,600 *	65.5	457.3	194,300													160
170	55.9	441.8	124,500 *	62.6	452.3	178,900													170
180	52.7	434.4	114,100 *	59.6	446.6	165,400													180
190	49.3	426.1	104,500 *	56.5	440.2	153,400	63.1	448.3	138,600										190
200	45.7	416.7	95,900 *	53.3	433.0	138,600 *	60.1	442.7	128,800										200
210	41.9	406.0	88,200 *	49.9	424.8	123,700 *	57.0	436.4	120,000										210
220	37.7	393.6	81,300 *	46.4	415.6	110,900 *	53.8	429.3	112,100										220
230	33.2	379.2	75,000 *	42.6	405.2	99,900 *	50.5	421.3	105,000	57.4	430.4	93,100							230
240	27.9	361.7	65,300 *	38.6	393.2	89,700 *	47.0	412.3	98,400	54.2	423.4	87,100							240
250	21.5	339.2	55,600 *	34.1	379.2	79,600 *	43.3	402.1	92,500	50.9	415.5	81,600							250
260	12.1	304.4	44,200 *	29.0	362.5	70,000 *	39.3	390.4	86,900	47.4	406.6	76,600	54.3	415.2	65,800 *				260
270				22.9	341.2	60,400 *	34.9	376.8	81,800	43.7	396.6	72,000	51.0	407.3	61,100 *				270
280				14.4	310.2	49,800 *	29.9	360.5	74,100 *	39.7	385.0	67,700	47.5	398.5	56,800 *				280
290							24.0	340.2	64,700 *	35.4	371.7	63,700	43.9	388.5	52,700 *				290
300							16.1	311.6	54,600 *	30.5	355.8	59,900	39.9	377.0	49,000 *	47.4	387.8	37,600 *	300
310										24.7	336.0	56,300	35.6	363.7	45,400 *	43.7	377.8	34,500 *	310
320										17.1	308.7	52,600 *	30.7	348.0	42,000 *	39.7	366.2	31,600 *	320
330													25.0	328.4	38,800 *	35.4	352.9	28,800 *	330
340													17.5	301.6	35,600 *	30.5	337.0	26,100 *	340
350																24.7	317.2	23,600 *	350
360																17.2	290.0	21,000 *	360



Liftcrane Luffing Jib Capacities

888 RINGER

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

275 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	72.1	380.4	342,800 *b																80
85	69.0	378.5	330,300 *b																85
90	65.8	376.2	316,000 *b																90
95	62.6	373.6	301,100 *																95
100	59.3	370.7	285,500 *																100
105	55.8	367.3	269,800 *																105
110	52.2	363.4	254,600 *	68.4	374.9	338,100 b													110
115	48.4	359.0	239,900 *	65.3	372.6	319,100 b													115
120	44.3	354.0	225,900 *	62.0	369.9	301,900													120
130	35.0	341.2	201,000 *	55.2	363.4	272,200													130
140	22.4	321.6	181,300 *	47.7	354.9	247,400	64.5	366.6	227,400										140
150				39.1	343.7	226,200	57.8	360.7	208,000										150
160				28.3	327.7	207,700	50.6	353.0	191,300										160
170				7.8	293.7	160,100 *	42.5	343.0	176,700	60.0	355.3	161,000							170
180							32.7	329.2	163,800	53.0	348.3	149,300							180
190							18.6	306.7	152,000	45.2	339.1	139,000							190
200										36.1	326.7	129,600	54.8	340.8	117,200				200
210										24.0	308.2	120,900	47.2	332.2	109,600				210
220													38.5	320.8	102,700				220
230													27.4	304.3	96,200	48.4	322.4	86,300	230
240																39.9	311.5	81,000	240
250																29.4	296.1	76,100	250
260																11.6	266.7	71,000	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 49A-44 On Boom No. 67B, 120 Ft. Mast No. 49A
 45 Ft. RINGER Attachment On Screw Jack Pedestals
 867,100 Lb. Auxiliary Counterweight
 360 Degree Rating

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

888 RINGER

275 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	72.6	399.9	301,600 *b																85
90	70.1	398.0	291,500 *																90
95	67.5	396.0	280,100 *																95
100	64.9	393.6	267,900 *																100
105	62.2	391.0	255,100 *																105
110	59.4	388.0	242,400 *																110
115	56.5	384.7	229,800 *	69.6	394.4	309,900 *													115
120	53.6	381.0	217,400 *	67.1	392.3	298,300													120
130	47.3	372.3	194,300 *	61.7	387.2	268,800													130
140	40.2	361.4	173,700 *	56.0	380.8	244,200													140
150	31.7	346.9	156,100 *	49.9	372.9	223,300	63.7	383.9	204,100										150
160	20.3	325.0	142,500 *	43.2	363.0	205,300	58.2	378.0	187,600										160
170				35.4	350.1	189,600	52.3	370.7	173,300										170
180				25.6	332.2	172,300 *	45.8	361.6	160,700	60.0	372.7	145,300							180
190				7.0	294.6	133,000 *	38.5	350.0	149,500	54.2	365.8	135,100							190
200							29.7	334.4	139,400	47.9	357.3	126,100							200
210							16.8	309.5	130,000	40.9	346.6	117,900							210
220										32.7	332.6	110,400	49.5	350.2	98,800				220
230										21.7	311.9	103,400	42.8	340.1	92,700				230
240													34.9	327.1	87,100				240
250													24.9	308.6	81,700	43.9	330.5	72,000 *	250
260																36.2	318.0	67,200 *	260
270																26.7	300.7	62,700 *	270
280																10.4	268.3	57,900 *	280