



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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 4,800 Lb. minimum block weight.

Wheeled counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground.

Upper luffing jib point capacity for liftcrane service with single part whip line is 30,000 Lbs. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacities.

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 on a firm uniformly supporting surface with gantry and mast up. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. 176153** or **No. 192108**, Wire Rope Specification chart **No. 7581-H**, Counterweight Arrangement chart **No. 7692-A** or **No. 8026-A** and Luffing Jib Raising Procedure chart **No. 7728-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 7760-A**.

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 MAX-ER 225, 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 130 Ft. mast, 8 part boom hoist reeving, four 1-1/2 in. boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays, 169,200 Lb. (2250) crane counterweight or 167,000 Lb. (M-250) crane counterweight, two 30,000 Lb. carbody counterweights and 225,000 Lb. wheeled counterweight.

WARNING: Check amount of wheeled counterweight on machine before use of this chart. Refer to Counterweight Assembly.

Consult chart **No. 7749-A** for lifting off lower boom point with luffing jib attached.

Deduct From Luffing Jib Capacities When Fixed Jib Is Attached	
Fixed Jib Length	Fixed Jib No.140
40 Ft.	7,200 Lbs.
60 Ft.	8,900 Lbs.
80 Ft.	11,100 Lbs.
100 Ft.	13,400 Lbs.
120 Ft.	16,000 Lbs.



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169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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140 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
55	64.8	213.8	174,800 *b										55
60	60.2	211.1	148,200 *b	67.0	213.8	180,000 *b							60
65	55.3	207.8	128,400 *b	62.4	211.3	159,700 *b							65
70	50.0	203.9	113,000 *	57.6	208.3	137,100 *b							70
75	44.4	199.1	100,700 *	52.6	204.6	119,800 *							75
80	38.0	193.1	90,700 *	47.1	200.3	106,200 *	59.6	206.8	145,800 *b				80
85	30.5	185.5	82,300 *	41.1	194.9	95,200 *	54.7	203.4	126,500 *				85
90	20.7	174.5	75,200 *	34.2	188.2	86,100 *	49.4	199.4	111,600 *				90
95				25.8	179.2	78,400 *	43.7	194.5	99,500 *	56.5	200.9	132,900 *b	95
100				12.6	163.9	71,900 *	37.3	188.4	89,700 *	51.4	197.1	116,600 *	100
105							29.6	180.5	81,500 *	45.8	192.5	103,600 *	105
110							19.3	169.0	74,500 *	39.7	186.9	93,100 *	110
115										32.6	179.8	84,300 *	115
120										23.5	170.0	77,000 *	120
125										6.5	149.8	70,600 *	125

140 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
55	68.2	224.8	173,200 *b										55
60	64.2	222.5	149,100 *b										60
65	60.1	219.8	129,100 *	66.1	222.5	160,800 *b							65
70	55.9	216.5	113,500 *	62.1	220.0	137,900 *b							70
75	51.4	212.7	101,200 *	57.9	217.0	120,400 *							75
80	46.6	208.2	91,000 *	53.5	213.4	106,700 *							80
85	41.3	202.9	82,600 *	48.9	209.3	95,600 *	59.7	215.5	127,300 *				85
90	35.4	196.3	75,500 *	43.8	204.3	86,400 *	55.4	212.2	112,100 *				90
95	28.5	188.0	69,300 *	38.3	198.4	78,700 *	50.9	208.3	100,000 *				95
100	19.3	176.2	64,000 *	31.9	191.1	72,100 *	46.0	203.7	90,100 *	57.0	209.6	117,200 *	100
105				24.0	181.3	66,500 *	40.7	198.2	81,800 *	52.5	205.9	104,100 *	105
110				11.7	164.9	61,500 *	34.7	191.6	74,800 *	47.8	201.6	93,500 *	110
115							27.6	183.0	68,800 *	42.7	196.5	84,700 *	115
120							18.0	170.5	63,500 *	37.0	190.3	77,200 *	120
125										30.3	182.5	70,900 *	125
130										21.9	171.9	65,400 *	130
135										6.0	150.3	60,500 *	135



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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140 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
55	70.7	235.6	161,100 *b										55
60	67.3	233.6	149,800 *b										60
65	63.8	231.2	129,600 *										65
70	60.1	228.4	114,000 *	65.4	231.2	138,500 *b							70
75	56.4	225.2	101,500 *	61.9	228.6	120,900 *							75
80	52.4	221.5	91,300 *	58.2	225.6	107,100 *							80
85	48.2	217.3	82,800 *	54.3	222.2	95,900 *							85
90	43.7	212.3	75,600 *	50.2	218.2	86,600 *	59.7	224.1	112,500 *				90
95	38.8	206.4	69,500 *	45.9	213.6	78,900 *	55.9	220.9	100,300 *				95
100	33.3	199.3	64,100 *	41.2	208.1	72,300 *	51.9	217.1	90,400 *				100
105	26.8	190.4	59,500 *	36.0	201.7	66,600 *	47.7	212.8	82,000 *	57.3	218.3	104,500 *	105
110	18.1	177.8	55,300 *	30.0	193.7	61,600 *	43.2	207.7	75,000 *	53.4	214.7	93,800 *	110
115				22.6	183.2	57,200 *	38.2	201.7	68,900 *	49.3	210.6	84,900 *	115
120				11.0	165.8	53,300 *	32.6	194.5	63,700 *	44.9	205.8	77,400 *	120
125							25.9	185.3	59,000 *	40.1	200.2	71,000 *	125
130							16.9	172.0	55,000 *	34.7	193.4	65,500 *	130
135										28.5	185.0	60,700 *	135
140										20.6	173.7	56,400 *	140
145										5.6	150.7	52,600 *	145

140 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
60	69.7	244.4	141,100 *b										60
65	66.6	242.3	130,700 *										65
70	63.4	239.9	114,800 *										70
75	60.1	237.1	102,100 *	64.9	239.9	121,800 *							75
80	56.7	233.9	91,700 *	61.7	237.3	107,700 *							80
85	53.2	230.3	83,100 *	58.3	234.3	96,400 *							85
90	49.5	226.2	75,800 *	54.9	230.9	87,000 *							90
95	45.6	221.5	69,600 *	51.3	227.0	79,100 *	59.7	232.8	100,900 *				95
100	41.3	216.1	64,200 *	47.4	222.6	72,400 *	56.3	229.6	90,700 *				100
105	36.7	209.8	59,500 *	43.4	217.6	66,700 *	52.8	225.9	82,300 *				105
110	31.5	202.2	55,300 *	38.9	211.7	61,600 *	49.1	221.8	75,100 *	57.6	226.9	94,200 *	110
115	25.3	192.6	51,600 *	34.0	204.8	57,200 *	45.1	217.0	69,000 *	54.1	223.5	85,200 *	115
120	17.1	179.2	48,300 *	28.4	196.3	53,300 *	40.8	211.5	63,700 *	50.4	219.5	77,600 *	120
125				21.4	185.1	49,800 *	36.2	205.0	59,000 *	46.6	214.9	71,200 *	125
130				10.4	166.6	46,600 *	30.9	197.3	54,900 *	42.4	209.7	65,600 *	130
135							24.5	187.4	51,300 *	37.9	203.6	60,700 *	135
140							16.0	173.3	48,000 *	32.9	196.4	56,400 *	140
145										27.0	187.4	52,600 *	145
150										19.5	175.4	49,200 *	150
155										5.2	151.1	46,000 *	155



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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140 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	68.8	253.1	130,300 *										65
70	66.0	251.0	117,400 *										70
75	63.1	248.5	104,300 *	67.3	250.9	124,600 *							75
80	60.1	245.8	93,700 *	64.5	248.6	110,200 *							80
85	57.0	242.6	84,900 *	61.5	245.9	98,500 *							85
90	53.8	239.1	77,500 *	58.5	243.0	88,900 *							90
95	50.5	235.1	71,100 *	55.4	239.6	80,800 *	62.8	244.3	103,100 *				95
100	47.0	230.6	65,600 *	52.1	235.9	74,000 *	59.8	241.5	92,700 *				100
105	43.3	225.5	60,700 *	48.7	231.6	68,100 *	56.7	238.3	84,100 *				105
110	39.3	219.7	56,500 *	45.1	226.8	63,000 *	53.5	234.7	76,800 *				110
115	34.9	212.9	52,700 *	41.2	221.4	58,500 *	50.1	230.7	70,500 *	57.8	235.6	87,100 *	115
120	30.0	204.8	49,300 *	37.0	215.1	54,500 *	46.6	226.1	65,100 *	54.6	232.2	79,300 *	120
125	24.1	194.8	46,300 *	32.4	207.7	50,900 *	42.9	221.0	60,300 *	51.4	228.3	72,700 *	125
130	16.3	180.7	43,500 *	27.0	198.7	47,700 *	38.8	215.0	56,100 *	47.9	224.0	67,000 *	130
135				20.3	186.9	44,800 *	34.4	208.1	52,400 *	44.2	219.0	62,000 *	135
140				9.9	167.5	41,700 *	29.4	199.9	49,000 *	40.3	213.4	57,600 *	140
145							23.4	189.5	46,000 *	36.0	206.9	53,700 *	145
150							15.2	174.6	43,300 *	31.3	199.2	50,200 *	150
155										25.7	189.7	47,100 *	155
160										18.5	177.0	44,200 *	160
165										5.0	151.5	41,600 *	165



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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140 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	70.7	263.8	121,900 *										65
70	68.1	261.9	117,100 *										70
75	65.5	259.7	104,000 *										75
80	62.8	257.2	93,400 *	66.7	259.6	109,900 *							80
85	60.1	254.4	84,600 *	64.1	257.2	98,200 *							85
90	57.3	251.3	77,100 *	61.4	254.6	88,600 *							90
95	54.4	247.8	70,700 *	58.6	251.6	80,500 *							95
100	51.4	244.0	65,200 *	55.8	248.3	73,600 *	62.5	252.9	92,400 *				100
105	48.2	239.6	60,300 *	52.8	244.7	67,700 *	59.8	250.1	83,700 *				105
110	44.9	234.8	56,100 *	49.7	240.6	62,600 *	57.0	247.0	76,400 *				110
115	41.3	229.3	52,300 *	46.5	236.0	58,000 *	54.0	243.4	70,100 *				115
120	37.5	223.1	48,900 *	43.0	230.8	54,000 *	51.0	239.5	64,700 *	58.0	244.3	78,900 *	120
125	33.4	215.9	45,900 *	39.4	225.0	50,500 *	47.8	235.2	59,900 *	55.1	240.9	72,300 *	125
130	28.6	207.4	43,100 *	35.4	218.3	47,300 *	44.5	230.2	55,700 *	52.1	237.1	66,600 *	130
135	23.0	196.8	40,600 *	30.9	210.4	44,400 *	40.9	224.7	51,900 *	49.0	232.9	61,600 *	135
140	15.6	182.0	38,300 *	25.8	200.9	41,800 *	37.1	218.4	48,600 *	45.7	228.2	57,200 *	140
145				19.4	188.6	39,400 *	32.9	211.1	45,600 *	42.2	222.9	53,300 *	145
150				9.4	168.3	36,800 *	28.1	202.4	42,900 *	38.5	216.9	49,800 *	150
155							22.3	191.4	40,400 *	34.4	210.0	46,700 *	155
160							14.5	175.9	38,100 *	29.9	201.9	43,800 *	160
165										24.5	191.9	41,300 *	165
170										17.7	178.5	38,900 *	170
175										4.7	151.8	36,700 *	175



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M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
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140 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	69.9	272.6	109,000 *										70
75	67.5	270.6	105,000 *										75
80	65.1	268.4	94,100 *										80
85	62.6	265.9	85,100 *	66.2	268.3	99,000 *							85
90	60.1	263.1	77,500 *	63.8	265.9	89,200 *							90
95	57.5	260.0	71,100 *	61.3	263.3	81,000 *							95
100	54.8	256.5	65,400 *	58.7	260.3	74,000 *							100
105	52.1	252.8	60,600 *	56.1	257.0	68,000 *	62.3	261.6	84,300 *				105
110	49.2	248.6	56,200 *	53.4	253.4	62,800 *	59.8	258.8	76,800 *				110
115	46.2	243.9	52,400 *	50.6	249.4	58,200 *	57.2	255.6	70,500 *				115
120	43.0	238.8	49,000 *	47.6	245.0	54,200 *	54.5	252.2	64,900 *				120
125	39.6	233.0	45,900 *	44.5	240.1	50,600 *	51.7	248.4	60,100 *				125
130	36.0	226.4	43,100 *	41.3	234.6	47,300 *	48.9	244.1	55,800 *	55.5	249.6	66,900 *	130
135	32.0	218.8	40,600 *	37.7	228.4	44,400 *	45.8	239.4	52,100 *	52.8	245.9	61,800 *	135
140	27.5	209.8	38,300 *	33.9	221.3	41,800 *	42.6	234.2	48,700 *	49.9	241.8	57,400 *	140
145	22.1	198.7	36,200 *	29.7	213.1	39,400 *	39.2	228.3	45,600 *	46.9	237.3	53,400 *	145
150	14.9	183.3	34,200 *	24.8	203.1	37,200 *	35.6	221.6	42,900 *	43.8	232.3	49,900 *	150
155				18.6	190.2	35,100 *	31.5	213.9	40,400 *	40.5	226.7	46,700 *	155
160				9.0	169.0	32,900 *	26.9	204.8	38,100 *	36.9	220.3	43,900 *	160
165							21.4	193.3	36,000 *	33.0	213.0	41,300 *	165
170							13.9	177.1	34,000 *	28.7	204.4	38,900 *	170
175										23.5	194.0	36,700 *	175
180										17.0	180.0	34,700 *	180
185										4.5	152.2	32,900 *	185



Liftcrane Luffing Jib Capacities

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

MAX-ER 225

On 2250 or M-250

140 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	69.2	281.4	98,600 *										75
80	67.0	279.4	93,700 *										80
85	64.7	277.1	84,700 *										85
90	62.4	274.5	77,100 *	65.8	277.0	88,800 *							90
95	60.1	271.7	70,600 *	63.5	274.6	80,600 *							95
100	57.7	268.6	65,000 *	61.2	271.9	73,600 *							100
105	55.2	265.3	60,100 *	58.8	269.0	67,600 *							105
110	52.7	261.6	55,800 *	56.4	265.7	62,400 *	62.2	270.3	76,400 *				110
115	50.0	257.5	52,000 *	53.9	262.2	57,800 *	59.8	267.4	70,000 *				115
120	47.3	253.0	48,500 *	51.3	258.3	53,700 *	57.4	264.3	64,500 *				120
125	44.4	248.0	45,500 *	48.6	254.0	50,100 *	54.9	260.9	59,700 *				125
130	41.4	242.6	42,700 *	45.8	249.3	46,900 *	52.4	257.2	55,400 *				130
135	38.1	236.4	40,100 *	42.8	244.0	44,000 *	49.7	253.0	51,600 *	55.8	258.3	61,400 *	135
140	34.6	229.5	37,800 *	39.7	238.2	41,300 *	47.0	248.5	48,200 *	53.3	254.7	56,900 *	140
145	30.8	221.6	35,700 *	36.3	231.7	38,900 *	44.1	243.5	45,200 *	50.7	250.7	52,900 *	145
150	26.4	212.2	33,800 *	32.6	224.3	36,700 *	41.0	237.9	42,400 *	48.0	246.3	49,400 *	150
155	21.3	200.6	31,900 *	28.6	215.6	34,700 *	37.7	231.7	39,900 *	45.1	241.5	46,300 *	155
160	14.4	184.5	30,300 *	23.8	205.2	32,800 *	34.2	224.7	37,600 *	42.1	236.2	43,400 *	160
165				17.9	191.8	31,100 *	30.3	216.6	35,500 *	38.9	230.2	40,800 *	165
170				8.7	169.7	29,200 *	25.9	207.1	33,600 *	35.5	223.5	38,500 *	170
175							20.6	195.1	31,800 *	31.8	215.8	36,300 *	175
180							13.4	178.2	30,100 *	27.6	206.9	34,300 *	180
185										22.7	195.9	32,500 *	185
190										16.4	181.4	30,700 *	190
195										4.3	152.5	29,100 *	195



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

140 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	70.6	292.1	94,900 *										75
80	68.6	290.2	91,900 *										80
85	66.5	288.1	85,600 *										85
90	64.4	285.8	77,900 *	67.5	288.0	89,700 *							90
95	62.3	283.2	71,300 *	65.4	285.7	81,400 *							95
100	60.1	280.4	65,600 *	63.3	283.3	74,300 *							100
105	57.8	277.3	60,600 *	61.1	280.6	68,200 *							105
110	55.5	274.0	56,200 *	58.9	277.6	62,900 *							110
115	53.2	270.3	52,400 *	56.6	274.4	58,300 *	62.0	278.9	70,700 *				115
120	50.7	266.3	48,900 *	54.3	270.9	54,200 *	59.8	276.1	65,100 *				120
125	48.2	262.0	45,800 *	51.9	267.1	50,500 *	57.6	273.0	60,200 *				125
130	45.6	257.2	43,000 *	49.4	262.9	47,200 *	55.3	269.6	55,800 *				130
135	42.8	252.0	40,400 *	46.8	258.4	44,300 *	52.9	265.9	52,000 *				135
140	39.9	246.2	38,100 *	44.1	253.4	41,600 *	50.5	261.9	48,600 *	56.1	267.0	57,400 *	140
145	36.8	239.8	35,900 *	41.3	247.8	39,100 *	47.9	257.5	45,500 *	53.8	263.5	53,400 *	145
150	33.4	232.5	33,900 *	38.3	241.7	36,900 *	45.3	252.7	42,700 *	51.3	259.6	49,800 *	150
155	29.7	224.2	32,100 *	35.0	234.9	34,900 *	42.5	247.4	40,200 *	48.8	255.3	46,600 *	155
160	25.5	214.4	30,400 *	31.5	227.1	33,000 *	39.5	241.6	37,800 *	46.2	250.6	43,700 *	160
165	20.5	202.4	28,900 *	27.5	218.1	31,200 *	36.4	235.0	35,700 *	43.5	245.5	41,100 *	165
170	13.9	185.7	26,600 *	23.0	207.3	29,600 *	33.0	227.7	33,800 *	40.6	239.9	38,700 *	170
175				17.3	193.3	28,100 *	29.3	219.2	32,000 *	37.6	233.6	36,500 *	175
180				8.4	170.4	25,100 *	25.0	209.3	30,300 *	34.3	226.6	34,500 *	180
185							19.9	196.9	28,700 *	30.7	218.6	32,600 *	185
190							12.9	179.3	27,300 *	26.6	209.2	30,900 *	190
195										21.9	197.9	29,300 *	195
200										15.8	182.8	27,800 *	200
205										4.2	152.8	26,200 *	205



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

140 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	70.0	300.9	84,900 *										80
85	68.1	299.0	82,200 *										85
90	66.1	296.8	78,200 *										90
95	64.1	294.4	71,500 *	67.0	296.7	80,700 *							95
100	62.1	291.9	65,700 *	65.1	294.4	74,600 *							100
105	60.1	289.1	60,700 *	63.1	291.9	68,400 *							105
110	58.0	286.0	56,200 *	61.0	289.2	63,000 *							110
115	55.8	282.7	52,300 *	59.0	286.3	58,300 *							115
120	53.6	279.1	48,700 *	56.8	283.1	54,100 *	61.9	287.6	65,200 *				120
125	51.3	275.2	45,600 *	54.7	279.6	50,400 *	59.8	284.8	60,200 *				125
130	49.0	270.9	42,700 *	52.4	275.9	47,000 *	57.7	281.7	55,800 *				130
135	46.6	266.3	40,100 *	50.1	271.8	44,000 *	55.6	278.3	51,900 *				135
140	44.0	261.3	37,800 *	47.7	267.4	41,300 *	53.4	274.7	48,400 *				140
145	41.4	255.8	35,600 *	45.2	262.6	38,900 *	51.1	270.8	45,300 *	56.4	275.7	53,300 *	145
150	38.5	249.7	33,600 *	42.6	257.3	36,600 *	48.7	266.5	42,500 *	54.2	272.2	49,700 *	150
155	35.5	243.0	31,800 *	39.9	251.5	34,500 *	46.3	261.8	39,900 *	51.9	268.4	46,400 *	155
160	32.3	235.4	30,100 *	37.0	245.1	32,600 *	43.7	256.7	37,500 *	49.6	264.2	43,500 *	160
165	28.7	226.8	28,500 *	33.9	237.9	30,900 *	41.1	251.2	35,400 *	47.2	259.7	40,800 *	165
170	24.7	216.6	27,000 *	30.4	229.8	29,200 *	38.2	245.0	33,400 *	44.7	254.8	38,400 *	170
175	19.8	204.1	25,600 *	26.6	220.5	27,700 *	35.2	238.2	31,600 *	42.0	249.4	36,200 *	175
180	13.4	186.8	23,600 *	22.2	209.2	26,300 *	31.9	230.5	29,900 *	39.3	243.5	34,100 *	180
185				16.7	194.7	25,000 *	28.3	221.8	28,400 *	36.3	236.9	32,300 *	185
190				8.1	171.1	22,300 *	24.2	211.4	26,900 *	33.1	229.6	30,500 *	190
195							19.2	198.5	25,500 *	29.6	221.2	28,900 *	195
200							12.5	180.4	24,200 *	25.7	211.5	27,400 *	200
205										21.1	199.7	26,000 *	205
210										15.3	184.1	24,700 *	210
215										4.0	153.1	23,400 *	215



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

140 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	69.4	309.7	77,600 *										85
90	67.6	307.7	75,000 *										90
95	65.8	305.5	71,200 *										95
100	63.9	303.1	65,400 *	66.6	305.4	73,200 *							100
105	62.0	300.5	60,400 *	64.8	303.1	68,100 *							105
110	60.1	297.7	55,900 *	62.9	300.6	62,700 *							110
115	58.1	294.7	52,000 *	61.0	297.9	58,000 *							115
120	56.1	291.4	48,400 *	59.0	295.0	53,800 *							120
125	54.0	287.8	45,300 *	57.0	291.8	50,100 *	61.8	296.3	59,900 *				125
130	51.9	284.0	42,400 *	55.0	288.4	46,700 *	59.9	293.4	55,500 *				130
135	49.7	279.8	39,800 *	52.9	284.7	43,800 *	57.9	290.3	51,600 *				135
140	47.4	275.4	37,500 *	50.7	280.7	41,000 *	55.9	287.0	48,100 *				140
145	45.1	270.5	35,300 *	48.5	276.3	38,600 *	53.8	283.4	45,000 *				145
150	42.6	265.2	33,300 *	46.2	271.7	36,300 *	51.6	279.6	42,200 *	56.6	284.4	49,400 *	150
155	40.1	259.5	31,500 *	43.8	266.6	34,200 *	49.5	275.4	39,600 *	54.5	280.9	46,100 *	155
160	37.3	253.1	29,800 *	41.3	261.1	32,300 *	47.2	270.9	37,200 *	52.4	277.2	43,200 *	160
165	34.4	246.1	28,200 *	38.6	255.0	30,600 *	44.8	266.0	35,100 *	50.2	273.1	40,500 *	165
170	31.3	238.2	26,700 *	35.8	248.3	28,900 *	42.4	260.6	33,100 *	48.0	268.7	38,100 *	170
175	27.8	229.2	25,300 *	32.8	240.9	27,400 *	39.8	254.8	31,300 *	45.7	263.9	35,900 *	175
180	23.9	218.7	24,100 *	29.5	232.5	26,000 *	37.0	248.4	29,600 *	43.3	258.8	33,800 *	180
185	19.2	205.8	22,900 *	25.8	222.7	24,700 *	34.1	241.3	28,100 *	40.7	253.1	32,000 *	185
190	13.0	188.0	21,000 *	21.6	211.1	23,400 *	30.9	233.3	26,600 *	38.0	246.9	30,200 *	190
195				16.2	196.1	22,300 *	27.4	224.2	25,200 *	35.2	240.1	28,600 *	195
200				7.8	171.8	19,900 *	23.4	213.5	24,000 *	32.1	232.5	27,100 *	200
205							18.6	200.2	22,800 *	28.7	223.8	25,700 *	205
210							12.1	181.4	21,600 *	24.9	213.7	24,400 *	210
215										20.5	201.5	23,200 *	215
220										14.8	185.4	22,000 *	220
225										3.9	153.4	20,900 *	225



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

140 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	70.6	320.4	72,800 *										85
90	68.9	318.5	69,900 *										90
95	67.2	316.5	67,000 *										95
100	65.5	314.2	64,200 *										100
105	63.7	311.8	59,800 *	66.3	314.1	65,300 *							105
110	61.9	309.2	55,400 *	64.5	311.8	62,200 *							110
115	60.1	306.4	51,400 *	62.7	309.3	57,400 *							115
120	58.2	303.3	47,900 *	60.9	306.6	53,300 *							120
125	56.3	300.1	44,700 *	59.1	303.6	49,500 *							125
130	54.4	296.6	41,900 *	57.2	300.5	46,200 *	61.7	304.9	55,000 *				130
135	52.4	292.8	39,300 *	55.3	297.1	43,200 *	59.9	302.1	51,100 *				135
140	50.3	288.7	36,900 *	53.3	293.4	40,500 *	58.0	299.0	47,600 *				140
145	48.2	284.4	34,800 *	51.3	289.5	38,000 *	56.1	295.7	44,500 *				145
150	46.0	279.6	32,800 *	49.2	285.3	35,800 *	54.1	292.2	41,600 *				150
155	43.7	274.5	30,900 *	47.1	280.7	33,700 *	52.1	288.4	39,100 *	56.8	293.1	45,600 *	155
160	41.4	269.0	29,200 *	44.8	275.8	31,800 *	50.1	284.3	36,700 *	54.8	289.6	42,600 *	160
165	38.9	263.0	27,700 *	42.5	270.5	30,000 *	48.0	279.9	34,600 *	52.9	285.9	40,000 *	165
170	36.2	256.4	26,200 *	40.1	264.7	28,400 *	45.8	275.1	32,600 *	50.8	281.9	37,600 *	170
175	33.4	249.1	24,800 *	37.5	258.4	26,900 *	43.5	270.0	30,800 *	48.7	277.7	35,300 *	175
180	30.4	240.9	23,500 *	34.8	251.5	25,500 *	41.1	264.4	29,100 *	46.6	273.0	33,300 *	180
185	27.0	231.6	22,300 *	31.8	243.7	24,100 *	38.6	258.3	27,500 *	44.3	268.0	31,400 *	185
190	23.2	220.8	21,200 *	28.6	235.0	22,900 *	35.9	251.7	26,100 *	42.0	262.6	29,700 *	190
195	18.7	207.4	20,100 *	25.1	225.0	21,700 *	33.1	244.3	24,700 *	39.5	256.7	28,100 *	195
200	12.6	189.0	18,500 *	20.9	212.9	20,600 *	30.0	236.0	23,400 *	36.9	250.3	26,600 *	200
205				15.8	197.5	19,600 *	26.6	226.6	22,200 *	34.1	243.2	25,200 *	205
210				7.6	172.4	17,500 *	22.7	215.5	21,100 *	31.2	235.3	23,900 *	210
215							18.1	201.7	20,000 *	27.9	226.3	22,700 *	215
220							11.7	182.4	19,000 *	24.2	215.9	21,500 *	220
225										19.9	203.3	20,400 *	225
230										14.4	186.6	19,400 *	230
235										3.8	153.7	18,400 *	235



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

140 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	70.1	329.2	65,400 *										90
95	68.5	327.3	62,700 *										95
100	66.8	325.2	60,100 *										100
105	65.2	322.9	57,400 *	67.6	325.0	61,100 *							105
110	63.5	320.5	54,800 *	66.0	322.9	58,600 *							110
115	61.8	317.9	50,900 *	64.3	320.5	56,000 *							115
120	60.1	315.0	47,400 *	62.6	317.9	52,800 *							120
125	58.3	312.0	44,300 *	60.9	315.2	49,100 *							125
130	56.5	308.8	41,400 *	59.1	312.3	45,700 *							130
135	54.7	305.3	38,800 *	57.4	309.1	42,700 *	61.6	313.6	50,600 *				135
140	52.8	301.6	36,400 *	55.5	305.8	40,000 *	59.9	310.7	47,100 *				140
145	50.9	297.6	34,300 *	53.7	302.2	37,500 *	58.1	307.7	44,000 *				145
150	48.9	293.3	32,300 *	51.8	298.3	35,300 *	56.3	304.4	41,100 *				150
155	46.8	288.7	30,400 *	49.8	294.2	33,200 *	54.5	300.9	38,600 *				155
160	44.7	283.8	28,700 *	47.8	289.7	31,300 *	52.6	297.2	36,200 *	57.0	301.8	42,100 *	160
165	42.5	278.5	27,200 *	45.7	285.0	29,500 *	50.6	293.1	34,100 *	55.1	298.4	39,500 *	165
170	40.2	272.7	25,700 *	43.6	279.8	27,900 *	48.6	288.8	32,100 *	53.3	294.7	37,100 *	170
175	37.8	266.4	24,300 *	41.3	274.3	26,400 *	46.6	284.2	30,300 *	51.3	290.8	34,800 *	175
180	35.2	259.6	23,000 *	38.9	268.3	25,000 *	44.5	279.2	28,600 *	49.4	286.6	32,800 *	180
185	32.5	252.0	21,800 *	36.5	261.7	23,700 *	42.3	273.9	27,000 *	47.3	282.1	30,900 *	185
190	29.5	243.6	20,700 *	33.8	254.5	22,400 *	39.9	268.1	25,600 *	45.2	277.2	29,200 *	190
195	26.3	234.0	19,700 *	31.0	246.5	21,300 *	37.5	261.7	24,200 *	43.1	272.0	27,600 *	195
200	22.6	222.8	18,600 *	27.9	237.5	20,200 *	34.9	254.8	22,900 *	40.8	266.4	26,100 *	200
205	18.2	209.0	17,700 *	24.4	227.1	19,100 *	32.2	247.2	21,700 *	38.4	260.2	24,700 *	205
210	12.3	190.1	16,200 *	20.4	214.7	18,100 *	29.2	238.6	20,600 *	35.9	253.5	23,400 *	210
215				15.3	198.8	17,200 *	25.9	228.9	19,600 *	33.2	246.2	22,200 *	215
220				7.4	173.0	15,300 *	22.1	217.4	18,600 *	30.3	238.0	21,000 *	220
225							17.6	203.3	17,600 *	27.1	228.7	20,000 *	225
230							11.4	183.4	16,700 *	23.5	217.9	18,900 *	230
235										19.3	204.9	18,000 *	235
240										14.0	187.8	17,100 *	240
245										3.6	154.0	16,200 *	245



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

140 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	69.6	338.0	56,300 *										95
100	68.1	336.1	53,800 *										100
105	66.5	333.9	51,300 *										105
110	64.9	331.6	48,800 *	67.2	333.8	52,400 *							110
115	63.3	329.2	46,500 *	65.7	331.6	50,000 *							115
120	61.7	326.5	44,200 *	64.1	329.2	47,600 *							120
125	60.1	323.7	42,000 *	62.5	326.6	45,300 *							125
130	58.4	320.7	39,800 *	60.8	323.9	43,100 *							130
135	56.7	317.4	37,800 *	59.2	320.9	40,900 *							135
140	54.9	314.0	35,800 *	57.5	317.8	38,900 *	61.5	322.2	43,800 *				140
145	53.2	310.3	33,900 *	55.8	314.5	36,900 *	59.9	319.4	41,700 *				145
150	51.3	306.4	32,100 *	54.0	310.9	35,000 *	58.2	316.4	39,700 *				150
155	49.5	302.2	30,200 *	52.2	307.1	33,000 *	56.5	313.1	37,700 *				155
160	47.5	297.7	28,500 *	50.4	303.0	31,100 *	54.7	309.6	35,800 *				160
165	45.6	292.9	26,900 *	48.5	298.7	29,300 *	53.0	305.9	33,900 *	57.1	310.5	38,100 *	165
170	43.5	287.8	25,400 *	46.5	294.1	27,600 *	51.1	302.0	31,900 *	55.4	307.1	36,300 *	170
175	41.4	282.2	24,000 *	44.5	289.1	26,100 *	49.3	297.8	30,100 *	53.6	303.5	34,500 *	175
180	39.1	276.3	22,700 *	42.4	283.7	24,700 *	47.3	293.2	28,300 *	51.8	299.6	32,600 *	180
185	36.8	269.8	21,500 *	40.2	278.0	23,300 *	45.3	288.4	26,800 *	49.9	295.5	30,700 *	185
190	34.3	262.7	20,300 *	37.9	271.7	22,100 *	43.3	283.2	25,300 *	48.0	291.1	29,000 *	190
195	31.6	254.9	19,300 *	35.5	264.9	20,900 *	41.1	277.6	23,900 *	46.1	286.3	27,300 *	195
200	28.8	246.1	18,300 *	32.9	257.5	19,800 *	38.9	271.6	22,600 *	44.0	281.3	25,800 *	200
205	25.6	236.2	17,200 *	30.2	249.2	18,700 *	36.5	265.0	21,400 *	41.9	275.9	24,400 *	205
210	22.0	224.7	16,200 *	27.1	239.9	17,800 *	34.0	257.9	20,300 *	39.7	270.0	23,100 *	210
215	17.7	210.5	15,300 *	23.7	229.2	16,700 *	31.3	250.0	19,200 *	37.4	263.6	21,800 *	215
220	11.9	191.1	14,100 *	19.8	216.5	15,800 *	28.4	241.1	18,200 *	34.9	256.7	20,700 *	220
225				14.9	200.1	14,900 *	25.2	231.1	17,200 *	32.3	249.1	19,600 *	225
230				7.2	173.6	13,300 *	21.5	219.3	16,300 *	29.5	240.6	18,600 *	230
235							17.1	204.8	15,400 *	26.4	231.0	17,600 *	235
240							11.1	184.3	14,600 *	22.9	220.0	16,700 *	240
245										18.8	206.6	15,800 *	245
250										13.6	189.0	14,900 *	250
255										3.5	154.3	14,100 *	255



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

160 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
55	67.0	234.8	180,000 *b										55
60	62.5	232.4	160,100 *b										60
65	57.7	229.4	137,400 *b	65.6	232.8	180,000 *b							65
70	52.6	225.7	120,000 *	61.0	230.1	152,100 *b							70
75	47.2	221.4	106,400 *	56.1	226.9	131,300 *b							75
80	41.2	216.0	95,300 *	50.9	223.1	115,300 *							80
85	34.4	209.3	86,200 *	45.3	218.4	102,600 *	59.8	226.2	146,600 *b				85
90	26.0	200.4	78,500 *	39.1	212.7	92,200 *	54.9	222.9	127,100 *b				90
95	13.0	185.3	72,000 *	31.9	205.4	83,600 *	49.6	218.9	112,000 *				95
100				22.6	195.3	76,300 *	43.9	214.0	99,900 *				100
105							37.5	208.0	90,000 *	53.3	217.4	122,200 *	105
110							29.9	200.2	81,800 *	47.9	213.1	108,100 *	110
115							19.7	188.8	74,800 *	42.0	207.9	96,700 *	115
120										35.3	201.4	87,400 *	120
125										27.2	192.8	79,500 *	125
130										15.3	179.2	72,900 *	130

160 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
55	70.1	245.6	175,800 *b										55
60	66.2	243.5	161,200 *b										60
65	62.2	241.0	138,200 *b										65
70	58.0	238.0	120,700 *	64.9	241.4	153,100 *b							70
75	53.6	234.5	106,900 *	60.8	238.8	132,100 *b							75
80	49.0	230.4	95,700 *	56.6	235.6	115,900 *							80
85	43.9	225.5	86,500 *	52.1	231.9	103,100 *							85
90	38.4	219.5	78,800 *	47.4	227.6	92,600 *	59.8	234.9	127,900 *				90
95	32.0	212.2	72,200 *	42.2	222.4	83,900 *	55.5	231.6	112,600 *				95
100	24.2	202.5	66,500 *	36.5	216.0	76,600 *	51.0	227.8	100,400 *				100
105	12.0	186.3	61,500 *	29.7	208.1	70,300 *	46.2	223.2	90,400 *				105
110				21.1	197.1	64,900 *	40.9	217.8	82,100 *	54.2	226.1	108,600 *	110
115							34.9	211.1	75,000 *	49.6	222.1	97,200 *	115
120							27.9	202.6	69,000 *	44.6	217.3	87,700 *	120
125							18.4	190.4	63,700 *	39.1	211.5	79,800 *	125
130										32.9	204.4	73,100 *	130
135										25.3	195.1	67,300 *	135
140										14.2	180.4	62,300 *	140



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

160 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
60	69.0	254.4	154,900 *b										60
65	65.5	252.2	138,800 *b										65
70	61.9	249.7	121,200 *	67.9	252.4	152,700 *b							70
75	58.2	246.7	107,300 *	64.4	250.1	132,700 *b							75
80	54.3	243.3	96,000 *	60.7	247.4	116,400 *							80
85	50.3	239.3	86,800 *	57.0	244.3	103,400 *							85
90	45.9	234.7	79,000 *	53.1	240.7	92,900 *							90
95	41.3	229.3	72,400 *	48.9	236.5	84,100 *	59.8	243.6	113,000 *				95
100	36.1	222.8	66,700 *	44.5	231.7	76,800 *	56.1	240.3	100,700 *				100
105	30.1	214.9	61,700 *	39.7	226.0	70,500 *	52.1	236.6	90,700 *				105
110	22.7	204.5	57,300 *	34.3	219.1	65,000 *	47.9	232.3	82,300 *				110
115	11.3	187.3	53,400 *	27.9	210.6	60,200 *	43.4	227.2	75,200 *	54.9	234.9	97,500 *	115
120				19.8	198.8	56,000 *	38.4	221.3	69,100 *	50.8	231.0	88,000 *	120
125							32.8	214.1	63,800 *	46.5	226.4	80,000 *	125
130							26.2	205.0	59,200 *	41.9	221.1	73,300 *	130
135							17.3	191.9	55,100 *	36.8	214.9	67,500 *	135
140										30.9	207.2	62,400 *	140
145										23.8	197.2	57,900 *	145
150										13.4	181.6	54,000 *	150



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

160 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	68.1	263.2	136,100 *b										65
70	65.0	260.9	122,100 *										70
75	61.7	258.3	107,900 *	67.1	261.2	133,800 *							75
80	58.4	255.4	96,500 *	63.9	258.8	117,200 *							80
85	54.9	252.0	87,100 *	60.7	256.1	104,000 *							85
90	51.3	248.1	79,200 *	57.3	253.0	93,300 *							90
95	47.5	243.7	72,500 *	53.8	249.5	84,400 *							95
100	43.4	238.7	66,700 *	50.1	245.5	77,000 *	59.9	252.2	101,300 *				100
105	39.0	232.8	61,700 *	46.2	240.9	70,600 *	56.5	249.0	91,100 *				105
110	34.1	225.9	57,300 *	42.1	235.6	65,100 *	52.9	245.4	82,600 *				110
115	28.5	217.4	53,400 *	37.5	229.4	60,200 *	49.2	241.2	75,400 *				115
120	21.5	206.4	49,900 *	32.4	222.1	56,000 *	45.2	236.5	69,200 *	55.4	243.6	88,400 *	120
125	10.7	188.1	46,700 *	26.4	212.9	52,200 *	41.0	231.0	63,900 *	51.8	239.8	80,300 *	125
130				18.7	200.5	48,800 *	36.3	224.6	59,200 *	48.0	235.5	73,400 *	130
135							31.1	216.9	55,100 *	44.0	230.5	67,500 *	135
140							24.8	207.1	51,400 *	39.6	224.8	62,400 *	140
145							16.3	193.3	48,100 *	34.8	218.0	57,900 *	145
150										29.3	209.8	53,900 *	150
155										22.5	199.1	50,400 *	155
160										12.6	182.6	47,200 *	160



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

160 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	70.2	273.9	131,100 *										65
70	67.4	271.9	124,800 *										70
75	64.5	269.6	110,300 *										75
80	61.6	267.0	98,700 *	66.5	269.9	119,800 *							80
85	58.5	264.0	89,000 *	63.6	267.5	106,300 *							85
90	55.4	260.7	80,900 *	60.6	264.8	95,400 *							90
95	52.2	257.0	74,100 *	57.5	261.7	86,300 *							95
100	48.7	252.7	68,200 *	54.4	258.2	78,600 *	62.9	263.7	103,500 *				100
105	45.1	247.9	63,000 *	51.1	254.3	72,100 *	59.9	260.9	93,100 *				105
110	41.3	242.5	58,500 *	47.6	249.9	66,500 *	56.8	257.7	84,400 *				110
115	37.1	236.2	54,500 *	43.9	244.9	61,500 *	53.6	254.1	77,000 *				115
120	32.5	228.8	50,900 *	40.0	239.2	57,200 *	50.3	250.1	70,700 *				120
125	27.1	219.9	47,700 *	35.7	232.7	53,300 *	46.7	245.6	65,200 *	55.8	252.3	82,000 *	125
130	20.5	208.1	44,800 *	30.8	224.8	49,900 *	43.0	240.5	60,500 *	52.6	248.6	75,000 *	130
135	10.1	189.0	41,200 *	25.2	215.1	46,800 *	39.0	234.6	56,200 *	49.2	244.4	69,000 *	135
140				17.8	202.0	44,000 *	34.6	227.7	52,500 *	45.6	239.7	63,700 *	140
145							29.6	219.5	49,100 *	41.8	234.4	59,100 *	145
150							23.6	209.2	46,100 *	37.7	228.2	55,100 *	150
155							15.5	194.6	43,300 *	33.1	221.0	51,400 *	155
160										27.9	212.3	48,200 *	160
165										21.4	201.0	45,300 *	165
170										12.0	183.7	42,600 *	170



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

160 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	69.4	282.7	116,400 *										70
75	66.8	280.6	111,100 *										75
80	64.1	278.3	99,200 *										80
85	61.4	275.7	89,400 *	65.9	278.6	107,000 *							85
90	58.7	272.7	81,200 *	63.3	276.2	95,800 *							90
95	55.8	269.4	74,200 *	60.6	273.4	86,600 *							95
100	52.8	265.7	68,200 *	57.8	270.4	78,800 *							100
105	49.8	261.6	63,000 *	54.9	267.0	72,200 *	62.6	272.3	93,500 *				105
110	46.5	257.1	58,400 *	51.9	263.1	66,500 *	59.9	269.5	84,600 *				110
115	43.1	251.9	54,400 *	48.7	258.9	61,500 *	57.1	266.4	77,200 *				115
120	39.4	246.1	50,800 *	45.4	254.2	57,100 *	54.2	262.9	70,800 *				120
125	35.4	239.4	47,500 *	41.9	248.8	53,200 *	51.1	259.0	65,200 *				125
130	31.0	231.6	44,600 *	38.2	242.7	49,700 *	48.0	254.6	60,400 *	56.2	261.0	75,100 *	130
135	25.9	222.1	42,000 *	34.1	235.7	46,600 *	44.6	249.7	56,100 *	53.2	257.4	69,000 *	135
140	19.6	209.8	39,500 *	29.5	227.5	43,700 *	41.1	244.2	52,300 *	50.2	253.3	63,700 *	140
145	9.7	189.8	36,400 *	24.0	217.3	41,200 *	37.2	238.0	48,900 *	47.0	248.8	59,000 *	145
150				17.0	203.5	38,800 *	33.0	230.7	45,900 *	43.6	243.8	54,900 *	150
155							28.2	222.0	43,100 *	39.9	238.0	51,300 *	155
160							22.5	211.2	40,600 *	36.0	231.5	48,000 *	160
165							14.9	195.9	38,300 *	31.6	223.8	45,000 *	165
170										26.6	214.6	42,400 *	170
175										20.5	202.8	39,900 *	175
180										11.5	184.6	37,600 *	180



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

160 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	68.7	291.5	105,500 *										75
80	66.3	289.4	99,100 *										80
85	63.8	287.0	89,300 *	67.9	289.5	104,200 *							85
90	61.3	284.3	81,100 *	65.5	287.3	95,800 *							90
95	58.8	281.4	74,100 *	63.0	284.8	86,500 *							95
100	56.1	278.1	68,100 *	60.5	282.1	78,700 *							100
105	53.4	274.5	62,900 *	57.9	279.0	72,100 *							105
110	50.6	270.5	58,300 *	55.3	275.7	66,400 *	62.4	281.0	84,600 *				110
115	47.7	266.1	54,200 *	52.5	271.9	61,300 *	59.9	278.2	77,100 *				115
120	44.6	261.2	50,600 *	49.7	267.8	56,900 *	57.3	275.1	70,700 *				120
125	41.3	255.7	47,400 *	46.7	263.3	53,000 *	54.6	271.6	65,100 *				125
130	37.8	249.5	44,500 *	43.5	258.2	49,600 *	51.8	267.8	60,300 *				130
135	34.0	242.5	41,800 *	40.2	252.5	46,400 *	49.0	263.6	56,000 *	56.5	269.7	68,900 *	135
140	29.7	234.3	39,400 *	36.6	246.1	43,600 *	45.9	258.9	52,200 *	53.8	266.1	63,600 *	140
145	24.8	224.3	37,200 *	32.7	238.7	41,000 *	42.8	253.7	48,800 *	51.0	262.2	58,900 *	145
150	18.8	211.5	35,100 *	28.3	230.0	38,700 *	39.4	247.8	45,700 *	48.1	257.8	54,800 *	150
155	9.3	190.6	32,500 *	23.1	219.3	36,500 *	35.7	241.2	43,000 *	45.0	253.0	51,100 *	155
160				16.3	204.9	34,500 *	31.7	233.5	40,500 *	41.7	247.6	47,900 *	160
165							27.1	224.4	38,200 *	38.3	241.5	44,900 *	165
170							21.6	213.1	36,100 *	34.5	234.6	42,200 *	170
175							14.2	197.1	34,100 *	30.3	226.5	39,800 *	175
180										25.5	216.9	37,500 *	180
185										19.7	204.5	35,500 *	185
190										11.0	185.5	33,500 *	190



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

160 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	70.3	302.2	98,800 *										75
80	68.1	300.3	95,600 *										80
85	65.8	298.1	88,900 *										85
90	63.6	295.7	80,700 *	67.3	298.3	94,400 *							90
95	61.2	293.0	73,700 *	65.1	296.0	86,100 *							95
100	58.9	290.0	67,600 *	62.8	293.5	78,300 *							100
105	56.4	286.8	62,400 *	60.5	290.7	71,700 *							105
110	53.9	283.3	57,800 *	58.1	287.7	65,900 *							110
115	51.3	279.4	53,800 *	55.6	284.4	60,900 *	62.3	289.7	76,700 *				115
120	48.6	275.1	50,200 *	53.1	280.7	56,500 *	59.9	286.9	70,200 *				120
125	45.8	270.4	46,900 *	50.5	276.7	52,600 *	57.5	283.8	64,700 *				125
130	42.9	265.2	44,000 *	47.7	272.3	49,100 *	55.0	280.3	59,800 *				130
135	39.7	259.4	41,300 *	44.9	267.4	46,000 *	52.5	276.6	55,500 *				135
140	36.4	252.8	38,900 *	41.9	262.0	43,100 *	49.8	272.5	51,700 *	56.7	278.4	63,100 *	140
145	32.7	245.4	36,700 *	38.7	256.0	40,600 *	47.1	268.0	48,300 *	54.2	274.9	58,500 *	145
150	28.6	236.8	34,700 *	35.2	249.2	38,200 *	44.2	263.0	45,300 *	51.7	271.0	54,400 *	150
155	23.9	226.4	32,800 *	31.4	241.5	36,100 *	41.1	257.5	42,500 *	49.0	266.8	50,700 *	155
160	18.1	213.0	31,100 *	27.2	232.4	34,100 *	37.9	251.3	40,000 *	46.2	262.1	47,400 *	160
165	8.9	191.3	28,800 *	22.2	221.2	32,300 *	34.3	244.3	37,700 *	43.2	257.0	44,400 *	165
170				15.7	206.2	30,600 *	30.5	236.3	35,600 *	40.1	251.3	41,700 *	170
175							26.1	226.7	33,700 *	36.8	244.9	39,300 *	175
180							20.8	214.9	31,900 *	33.2	237.6	37,100 *	180
185							13.7	198.3	30,200 *	29.2	229.2	35,000 *	185
190										24.6	219.1	33,100 *	190
195										18.9	206.2	31,400 *	195
200										10.6	186.4	29,700 *	200



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

160 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	69.6	311.0	91,900 *										80
85	67.5	309.0	89,200 *										85
90	65.4	306.8	81,500 *										90
95	63.3	304.3	74,400 *	66.9	307.0	87,000 *							95
100	61.2	301.6	68,300 *	64.8	304.7	79,100 *							100
105	58.9	298.7	63,000 *	62.6	302.2	72,300 *							105
110	56.7	295.5	58,300 *	60.4	299.4	66,500 *							110
115	54.3	292.0	54,200 *	58.2	296.4	61,400 *							115
120	51.9	288.2	50,500 *	55.9	293.1	57,000 *	62.1	298.3	70,900 *				120
125	49.4	284.0	47,300 *	53.6	289.5	53,000 *	59.9	295.5	65,200 *				125
130	46.9	279.5	44,300 *	51.1	285.6	49,500 *	57.7	292.4	60,300 *				130
135	44.2	274.5	41,600 *	48.6	281.3	46,300 *	55.4	289.1	56,000 *				135
140	41.3	269.0	39,200 *	46.0	276.6	43,400 *	53.0	285.4	52,100 *				140
145	38.3	262.8	36,900 *	43.3	271.4	40,800 *	50.5	281.4	48,700 *	57.0	287.1	59,000 *	145
150	35.1	256.0	34,900 *	40.4	265.7	38,400 *	48.0	277.0	45,600 *	54.6	283.6	54,800 *	150
155	31.5	248.3	33,000 *	37.3	259.4	36,300 *	45.4	272.2	42,800 *	52.2	279.8	51,100 *	155
160	27.6	239.3	31,200 *	34.0	252.3	34,300 *	42.6	266.9	40,200 *	49.8	275.7	47,700 *	160
165	23.1	228.5	29,600 *	30.3	244.2	32,400 *	39.6	261.1	37,900 *	47.2	271.2	44,700 *	165
170	17.4	214.6	28,100 *	26.2	234.7	30,700 *	36.5	254.6	35,800 *	44.5	266.3	42,000 *	170
175	8.6	192.0	24,800 *	21.4	223.1	29,100 *	33.1	247.3	33,800 *	41.7	260.8	39,500 *	175
180				15.2	207.5	27,600 *	29.4	238.9	32,000 *	38.7	254.8	37,300 *	180
185							25.2	229.0	30,300 *	35.5	248.1	35,200 *	185
190							20.1	216.7	28,800 *	32.0	240.5	33,300 *	190
195							13.2	199.4	27,300 *	28.2	231.7	31,500 *	195
200										23.7	221.1	29,900 *	200
205										18.3	207.8	28,300 *	205
210										10.2	187.3	26,900 *	210



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

160 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	70.9	321.7	84,900 *										80
85	69.0	319.8	82,300 *										85
90	67.1	317.7	79,900 *										90
95	65.1	315.5	74,700 *										95
100	63.1	313.0	68,500 *	66.4	315.7	78,900 *							100
105	61.1	310.3	63,100 *	64.5	313.4	72,600 *							105
110	59.0	307.4	58,300 *	62.5	310.8	66,700 *							110
115	56.9	304.2	54,100 *	60.4	308.1	61,500 *							115
120	54.7	300.7	50,400 *	58.3	305.0	56,900 *							120
125	52.5	297.0	47,100 *	56.2	301.8	52,900 *	62.0	307.0	65,400 *				125
130	50.2	292.9	44,100 *	54.0	298.2	49,300 *	59.9	304.2	60,400 *				130
135	47.8	288.5	41,400 *	51.7	294.4	46,100 *	57.8	301.1	55,900 *				135
140	45.3	283.7	38,900 *	49.4	290.2	43,200 *	55.7	297.8	52,000 *				140
145	42.7	278.4	36,600 *	47.0	285.6	40,600 *	53.4	294.1	48,500 *				145
150	39.9	272.6	34,600 *	44.5	280.7	38,200 *	51.2	290.2	45,400 *	57.2	295.7	54,700 *	150
155	37.0	266.2	32,700 *	41.8	275.3	36,000 *	48.8	286.0	42,600 *	55.0	292.3	50,900 *	155
160	33.9	259.1	30,900 *	39.0	269.3	33,900 *	46.4	281.3	40,000 *	52.8	288.6	47,600 *	160
165	30.5	251.0	29,300 *	36.1	262.7	32,100 *	43.8	276.2	37,600 *	50.5	284.6	44,500 *	165
170	26.7	241.6	27,700 *	32.8	255.3	30,400 *	41.2	270.7	35,500 *	48.1	280.2	41,800 *	170
175	22.3	230.4	26,300 *	29.3	246.8	28,800 *	38.3	264.6	33,500 *	45.6	275.4	39,300 *	175
180	16.8	216.0	25,000 *	25.4	237.0	27,300 *	35.3	257.8	31,700 *	43.0	270.2	37,000 *	180
185	8.3	192.7	22,000 *	20.7	224.9	25,900 *	32.0	250.2	30,000 *	40.3	264.5	34,900 *	185
190				14.7	208.8	24,600 *	28.4	241.4	28,400 *	37.4	258.2	32,900 *	190
195							24.3	231.1	26,900 *	34.3	251.2	31,200 *	195
200							19.4	218.4	25,600 *	31.0	243.2	29,500 *	200
205							12.8	200.5	24,300 *	27.2	234.1	28,000 *	205
210										22.9	223.2	26,500 *	210
215										17.7	209.3	25,200 *	215
220										9.9	188.1	23,900 *	220



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

160 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	70.3	330.5	77,600 *										85
90	68.5	328.6	75,300 *										90
95	66.7	326.5	72,700 *										95
100	64.8	324.2	68,200 *	67.9	326.6	74,200 *							100
105	62.9	321.7	62,800 *	66.1	324.4	71,600 *							105
110	61.0	319.0	58,000 *	64.2	322.1	66,400 *							110
115	59.1	316.0	53,800 *	62.3	319.5	61,200 *							115
120	57.1	312.9	50,100 *	60.4	316.7	56,600 *							120
125	55.0	309.4	46,800 *	58.4	313.7	52,600 *							125
130	52.9	305.7	43,800 *	56.4	310.5	49,000 *	61.9	315.7	60,100 *				130
135	50.8	301.8	41,100 *	54.4	307.0	45,800 *	59.9	312.8	55,700 *				135
140	48.5	297.4	38,600 *	52.2	303.2	42,900 *	57.9	309.8	51,700 *				140
145	46.2	292.8	36,300 *	50.1	299.1	40,300 *	55.9	306.5	48,200 *				145
150	43.8	287.7	34,300 *	47.8	294.7	37,900 *	53.9	302.9	45,100 *				150
155	41.3	282.2	32,400 *	45.5	289.9	35,700 *	51.7	299.0	42,300 *	57.3	304.4	50,600 *	155
160	38.7	276.1	30,600 *	43.0	284.7	33,600 *	49.5	294.9	39,700 *	55.3	301.0	47,300 *	160
165	35.9	269.5	29,000 *	40.5	279.0	31,800 *	47.3	290.4	37,300 *	53.2	297.4	44,200 *	165
170	32.9	262.0	27,400 *	37.8	272.7	30,100 *	44.9	285.5	35,200 *	51.1	293.4	41,500 *	170
175	29.6	253.6	26,000 *	34.9	265.8	28,500 *	42.4	280.2	33,200 *	48.8	289.2	39,000 *	175
180	25.9	243.9	24,700 *	31.8	258.1	27,000 *	39.9	274.3	31,400 *	46.5	284.5	36,700 *	180
185	21.6	232.3	23,400 *	28.4	249.3	25,600 *	37.1	268.0	29,700 *	44.2	279.5	34,600 *	185
190	16.3	217.4	22,300 *	24.6	239.1	24,300 *	34.2	260.9	28,100 *	41.7	274.1	32,600 *	190
195	8.0	193.4	19,500 *	20.1	226.7	23,100 *	31.0	252.9	26,600 *	39.0	268.1	30,900 *	195
200				14.2	210.0	21,900 *	27.5	243.9	25,300 *	36.3	261.5	29,200 *	200
205							23.6	233.2	24,000 *	33.3	254.2	27,700 *	205
210							18.8	220.0	22,800 *	30.0	245.9	26,200 *	210
215							12.4	201.6	21,700 *	26.4	236.4	24,900 *	215
220										22.2	225.1	23,600 *	220
225										17.1	210.8	22,500 *	225
230										9.5	188.9	21,300 *	230



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

160 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	69.8	339.3	70,500 *										90
95	68.0	337.3	67,700 *										95
100	66.3	335.2	65,000 *										100
105	64.6	332.9	62,200 *	67.5	335.3	66,500 *							105
110	62.8	330.3	57,500 *	65.7	333.1	63,900 *							110
115	61.0	327.6	53,300 *	64.0	330.8	60,700 *							115
120	59.1	324.7	49,600 *	62.2	328.2	56,100 *							120
125	57.2	321.5	46,300 *	60.4	325.4	52,100 *							125
130	55.3	318.2	43,300 *	58.5	322.4	48,500 *							130
135	53.3	314.5	40,500 *	56.6	319.2	45,300 *	61.8	324.3	55,100 *				135
140	51.3	310.6	38,100 *	54.7	315.7	42,400 *	59.9	321.5	51,200 *				140
145	49.2	306.4	35,800 *	52.7	312.0	39,700 *	58.1	318.4	47,700 *				145
150	47.1	301.8	33,700 *	50.7	307.9	37,300 *	56.2	315.2	44,600 *				150
155	44.9	296.9	31,800 *	48.6	303.6	35,100 *	54.2	311.6	41,700 *				155
160	42.5	291.6	30,100 *	46.4	299.0	33,100 *	52.2	307.8	39,100 *	57.5	313.1	46,700 *	160
165	40.1	285.8	28,400 *	44.1	293.9	31,200 *	50.2	303.8	36,800 *	55.6	309.7	43,700 *	165
170	37.5	279.5	26,900 *	41.8	288.5	29,500 *	48.0	299.4	34,600 *	53.6	306.1	40,900 *	170
175	34.8	272.6	25,500 *	39.3	282.6	27,900 *	45.8	294.6	32,700 *	51.6	302.2	38,400 *	175
180	31.9	264.9	24,200 *	36.7	276.1	26,400 *	43.6	289.5	30,800 *	49.5	298.1	36,100 *	180
185	28.7	256.2	22,900 *	33.9	268.9	25,100 *	41.2	283.9	29,100 *	47.4	293.6	34,000 *	185
190	25.1	246.2	21,800 *	30.9	260.9	23,800 *	38.7	277.9	27,600 *	45.2	288.7	32,100 *	190
195	21.0	234.2	20,700 *	27.6	251.8	22,500 *	36.0	271.2	26,100 *	42.8	283.5	30,300 *	195
200	15.9	218.8	19,600 *	23.9	241.2	21,400 *	33.2	263.9	24,800 *	40.4	277.8	28,700 *	200
205	7.8	194.1	17,100 *	19.5	228.4	20,300 *	30.1	255.6	23,500 *	37.9	271.5	27,100 *	205
210				13.8	211.2	19,300 *	26.7	246.2	22,300 *	35.2	264.7	25,700 *	210
215							22.9	235.2	21,200 *	32.3	257.1	24,400 *	215
220							18.3	221.6	20,100 *	29.1	248.5	23,100 *	220
225							12.0	202.6	19,100 *	25.6	238.7	21,900 *	225
230										21.6	227.0	20,800 *	230
235										16.6	212.2	19,800 *	235
240										9.3	189.7	18,800 *	240



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

160 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	70.9	350.0	65,700 *										90
95	69.3	348.1	63,300 *										95
100	67.6	346.1	60,800 *										100
105	66.0	343.9	58,300 *										105
110	64.3	341.6	55,800 *	67.1	344.1	59,700 *							110
115	62.6	339.0	52,800 *	65.5	341.8	57,300 *							115
120	60.9	336.3	49,100 *	63.8	339.4	54,900 *							120
125	59.2	333.4	45,800 *	62.1	336.8	51,600 *							125
130	57.4	330.2	42,800 *	60.3	334.0	48,000 *							130
135	55.6	326.9	40,000 *	58.6	331.0	44,800 *							135
140	53.7	323.3	37,600 *	56.8	327.8	41,900 *	61.7	333.0	50,700 *				140
145	51.8	319.4	35,300 *	55.0	324.4	39,200 *	59.9	330.2	47,200 *				145
150	49.8	315.3	33,200 *	53.1	320.7	36,800 *	58.2	327.1	44,100 *				150
155	47.8	310.8	31,300 *	51.2	316.8	34,600 *	56.4	323.9	41,200 *				155
160	45.7	306.1	29,600 *	49.2	312.6	32,600 *	54.5	320.4	38,700 *				160
165	43.6	300.9	27,900 *	47.2	308.0	30,700 *	52.6	316.6	36,300 *	57.6	321.8	43,200 *	165
170	41.3	295.4	26,400 *	45.1	303.1	29,000 *	50.7	312.6	34,100 *	55.8	318.4	40,400 *	170
175	39.0	289.4	25,000 *	42.9	297.9	27,400 *	48.7	308.3	32,200 *	53.9	314.9	37,900 *	175
180	36.5	282.9	23,700 *	40.6	292.2	25,900 *	46.7	303.7	30,300 *	52.1	311.0	35,600 *	180
185	33.9	275.7	22,400 *	38.2	286.0	24,600 *	44.5	298.7	28,700 *	50.1	307.0	33,500 *	185
190	31.0	267.7	21,300 *	35.7	279.3	23,300 *	42.3	293.4	27,100 *	48.1	302.6	31,600 *	190
195	27.9	258.7	20,200 *	33.0	271.9	22,100 *	40.0	287.6	25,600 *	46.0	297.8	29,800 *	195
200	24.4	248.3	19,100 *	30.0	263.6	20,900 *	37.6	281.3	24,300 *	43.9	292.8	28,200 *	200
205	20.4	236.0	18,200 *	26.8	254.2	19,800 *	35.0	274.4	23,000 *	41.6	287.3	26,600 *	205
210	15.4	220.1	17,200 *	23.2	243.3	18,800 *	32.3	266.8	21,800 *	39.3	281.3	25,200 *	210
215	7.6	194.7	15,000 *	19.0	230.1	17,900 *	29.3	258.2	20,700 *	36.8	274.9	23,900 *	215
220				13.4	212.4	16,900 *	26.0	248.5	19,600 *	34.2	267.8	22,600 *	220
225							22.3	237.2	18,600 *	31.4	259.9	21,500 *	225
230							17.8	223.2	17,700 *	28.3	251.0	20,400 *	230
235							11.7	203.6	16,800 *	24.9	240.9	19,300 *	235
240										21.0	228.9	18,300 *	240
245										16.2	213.6	17,400 *	245
250										9.0	190.5	16,500 *	250



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

160 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	70.3	358.8	56,900 *										95
100	68.8	356.9	54,500 *										100
105	67.3	354.8	52,200 *										105
110	65.7	352.6	49,800 *										110
115	64.1	350.2	47,400 *	66.8	352.8	51,200 *							115
120	62.5	347.7	45,100 *	65.2	350.5	48,900 *							120
125	60.9	344.9	42,900 *	63.6	348.1	46,600 *							125
130	59.2	342.0	40,800 *	62.0	345.5	44,400 *							130
135	57.5	338.9	38,800 *	60.3	342.7	42,300 *							135
140	55.8	335.6	36,800 *	58.7	339.7	40,200 *							140
145	54.0	332.0	34,900 *	57.0	336.5	38,200 *	61.6	341.7	43,600 *				145
150	52.2	328.2	33,100 *	55.2	333.1	36,300 *	59.9	338.8	41,600 *				150
155	50.4	324.1	31,100 *	53.5	329.5	34,400 *	58.3	335.8	39,600 *				155
160	48.5	319.8	29,300 *	51.6	325.6	32,400 *	56.5	332.5	37,700 *				160
165	46.5	315.2	27,700 *	49.8	321.5	30,500 *	54.8	329.1	35,900 *				165
170	44.5	310.2	26,100 *	47.9	317.0	28,800 *	53.0	325.4	34,000 *	57.7	330.4	38,600 *	170
175	42.4	304.8	24,700 *	45.9	312.3	27,200 *	51.2	321.4	32,000 *	56.0	327.1	36,800 *	175
180	40.2	299.1	23,300 *	43.9	307.2	25,700 *	49.3	317.2	30,100 *	54.3	323.6	35,100 *	180
185	37.9	292.9	22,100 *	41.7	301.7	24,200 *	47.4	312.7	28,400 *	52.5	319.8	33,400 *	185
190	35.5	286.1	20,900 *	39.5	295.8	22,900 *	45.4	307.9	26,800 *	50.6	315.8	31,400 *	190
195	33.0	278.6	19,800 *	37.2	289.4	21,700 *	43.3	302.7	25,300 *	48.7	311.5	29,600 *	195
200	30.2	270.4	18,700 *	34.7	282.4	20,500 *	41.2	297.2	23,900 *	46.8	306.9	27,900 *	200
205	27.2	261.1	17,800 *	32.1	274.7	19,500 *	39.0	291.1	22,600 *	44.8	302.0	26,400 *	205
210	23.8	250.4	16,700 *	29.3	266.2	18,400 *	36.6	284.6	21,400 *	42.7	296.7	24,900 *	210
215	19.9	237.7	15,800 *	26.1	256.5	17,500 *	34.1	277.5	20,300 *	40.5	291.0	23,600 *	215
220	15.0	221.4	14,900 *	22.6	245.3	16,600 *	31.4	269.6	19,200 *	38.3	284.8	22,300 *	220
225	7.4	195.3	13,000 *	18.5	231.7	15,600 *	28.5	260.8	18,200 *	35.9	278.1	21,100 *	225
230				13.1	213.5	14,700 *	25.3	250.8	17,300 *	33.3	270.8	20,000 *	230
235							21.7	239.1	16,400 *	30.6	262.6	18,900 *	235
240							17.3	224.7	15,500 *	27.6	253.5	17,900 *	240
245							11.4	204.6	14,700 *	24.3	243.0	17,000 *	245
250										20.4	230.6	16,100 *	250
255										15.7	215.0	15,300 *	255
260										8.8	191.2	14,400 *	260



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

180 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
60	64.7	253.5	174,000 *b										60
65	60.0	250.7	147,600 *b										65
70	55.1	247.4	127,900 *b	64.2	251.7	170,600 *b							70
75	49.9	243.5	112,700 *	59.5	248.9	145,100 *b							75
80	44.2	238.6	100,400 *	54.6	245.5	126,000 *b							80
85	37.8	232.7	90,400 *	49.3	241.5	111,100 *							85
90	30.3	225.0	82,100 *	43.5	236.5	99,200 *	60.0	245.7	147,400 *b				90
95	20.4	213.9	75,100 *	37.1	230.4	89,400 *	55.1	242.3	127,800 *b				95
100				29.4	222.4	81,300 *	49.8	238.4	112,500 *				100
105				18.9	210.7	74,300 *	44.1	233.5	100,300 *				105
110							37.7	227.5	90,400 *	55.2	237.5	128,200 *b	110
115							30.2	219.8	82,100 *	50.0	233.6	112,900 *	115
120							20.2	208.6	75,000 *	44.3	228.8	100,600 *	120
125										37.9	222.8	90,600 *	125
130										30.4	215.1	82,300 *	130
135										20.5	204.1	75,200 *	135

180 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
60	68.1	264.5	170,700 *b										60
65	64.1	262.2	148,600 *b										65
70	60.0	259.4	128,700 *b	67.6	262.7	169,900 *b							70
75	55.8	256.1	113,200 *	63.7	260.4	146,000 *b							75
80	51.3	252.3	100,900 *	59.6	257.6	126,700 *b							80
85	46.4	247.8	90,800 *	55.3	254.3	111,700 *							85
90	41.2	242.4	82,400 *	50.7	250.4	99,700 *							90
95	35.3	235.9	75,300 *	45.9	245.8	89,800 *	60.0	254.3	128,500 *b				95
100	28.3	227.5	69,200 *	40.5	240.3	81,600 *	55.7	251.1	113,100 *				100
105	19.0	215.5	63,900 *	34.5	233.5	74,600 *	51.2	247.2	100,800 *				105
110				27.4	224.9	68,600 *	46.4	242.7	90,700 *				110
115				17.6	212.2	63,400 *	41.1	237.3	82,400 *	55.8	246.3	113,500 *	115
120							35.2	230.7	75,300 *	51.3	242.4	101,100 *	120
125							28.2	222.3	69,200 *	46.5	237.9	91,000 *	125
130							18.8	210.3	63,900 *	41.2	232.6	82,600 *	130
135										35.3	226.0	75,500 *	135
140										28.4	217.7	69,400 *	140
145										19.1	205.8	64,100 *	145



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

180 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
60	70.6	275.2	158,200 *b										60
65	67.2	273.2	149,300 *b										65
70	63.7	270.8	129,200 *										70
75	60.0	268.1	113,700 *	66.8	271.5	146,700 *b							75
80	56.3	264.9	101,200 *	63.3	269.1	127,300 *							80
85	52.3	261.1	91,100 *	59.6	266.2	112,100 *							85
90	48.1	256.9	82,600 *	55.8	263.0	100,000 *							90
95	43.6	251.9	75,500 *	51.8	259.2	90,100 *							95
100	38.7	246.0	69,400 *	47.6	254.8	81,800 *	60.0	263.0	113,500 *				100
105	33.1	238.8	64,000 *	43.1	249.8	74,800 *	56.2	259.8	101,100 *				105
110	26.6	229.8	59,400 *	38.1	243.7	68,700 *	52.2	256.0	91,000 *				110
115	17.8	217.1	55,200 *	32.4	236.4	63,500 *	48.0	251.8	82,600 *				115
120				25.7	227.1	58,900 *	43.5	246.7	75,400 *	56.3	255.0	101,500 *	120
125				16.5	213.6	54,800 *	38.6	240.8	69,300 *	52.3	251.3	91,300 *	125
130							33.0	233.7	64,000 *	48.1	247.0	82,800 *	130
135							26.5	224.6	59,400 *	43.6	242.0	75,600 *	135
140							17.7	211.8	55,200 *	38.7	236.1	69,500 *	140
145										33.2	229.0	64,200 *	145
150										26.6	220.0	59,500 *	150
155										17.9	207.3	55,400 *	155



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

180 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	69.6	284.0	138,800 *b										65
70	66.5	281.9	130,300 *										70
75	63.3	279.5	114,400 *										75
80	60.0	276.7	101,800 *	66.1	280.2	128,300 *							80
85	56.6	273.5	91,500 *	62.9	277.7	112,900 *							85
90	53.1	269.9	82,900 *	59.6	274.9	100,500 *							90
95	49.4	265.8	75,700 *	56.2	271.7	90,400 *							95
100	45.5	261.1	69,400 *	52.7	268.0	82,000 *							100
105	41.2	255.7	64,100 *	49.0	263.8	74,900 *	60.0	271.6	101,700 *				105
110	36.6	249.3	59,400 *	45.0	259.0	68,800 *	56.6	268.5	91,400 *				110
115	31.4	241.7	55,200 *	40.7	253.5	63,500 *	53.0	264.8	82,900 *				115
120	25.1	232.1	51,500 *	36.0	247.0	58,900 *	49.3	260.7	75,600 *				120
125	16.9	218.5	48,200 *	30.7	239.2	54,800 *	45.4	256.0	69,400 *	56.7	263.7	91,700 *	125
130				24.3	229.3	51,100 *	41.2	250.5	64,100 *	53.1	260.0	83,100 *	130
135				15.6	215.0	47,900 *	36.5	244.2	59,400 *	49.4	255.9	75,800 *	135
140							31.3	236.5	55,200 *	45.5	251.2	69,600 *	140
145							25.0	226.9	51,500 *	41.3	245.8	64,200 *	145
150							16.7	213.2	48,200 *	36.6	239.4	59,500 *	150
155										31.4	231.8	55,400 *	155
160										25.2	222.2	51,700 *	160
165										17.0	208.8	48,300 *	165



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

180 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	68.8	292.8	128,200 *										70
75	65.9	290.6	117,000 *										75
80	63.0	288.2	104,100 *										80
85	60.0	285.4	93,500 *	65.6	288.9	115,400 *							85
90	57.0	282.2	84,700 *	62.7	286.4	102,800 *							90
95	53.8	278.7	77,300 *	59.7	283.6	92,400 *							95
100	50.4	274.7	70,900 *	56.6	280.4	83,800 *							100
105	46.9	270.2	65,500 *	53.4	276.8	76,500 *	63.0	283.1	104,000 *				105
110	43.2	265.1	60,600 *	50.0	272.7	70,300 *	60.0	280.3	93,400 *				110
115	39.2	259.2	56,400 *	46.5	268.2	64,900 *	56.9	277.1	84,700 *				115
120	34.8	252.4	52,600 *	42.8	263.0	60,100 *	53.7	273.6	77,200 *				120
125	29.8	244.3	49,300 *	38.7	257.0	56,000 *	50.4	269.6	70,900 *				125
130	23.9	234.2	46,200 *	34.3	250.1	52,200 *	46.9	265.1	65,400 *	57.0	272.3	84,900 *	130
135	16.0	219.9	43,400 *	29.2	241.8	48,900 *	43.1	260.0	60,600 *	53.8	268.8	77,500 *	135
140				23.2	231.3	45,900 *	39.1	254.1	56,400 *	50.5	264.8	71,100 *	140
145				14.9	216.2	43,200 *	34.7	247.3	52,600 *	47.0	260.3	65,600 *	145
150							29.7	239.2	49,300 *	43.2	255.2	60,800 *	150
155							23.8	229.0	46,200 *	39.2	249.4	56,500 *	155
160							15.9	214.6	43,400 *	34.8	242.6	52,700 *	160
165										29.9	234.5	49,400 *	165
170										24.0	224.4	46,300 *	170
175										16.2	210.2	43,500 *	175



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

180 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	70.6	303.5	118,200 *										70
75	68.0	301.5	113,900 *										75
80	65.4	299.3	104,700 *										80
85	62.8	296.8	93,900 *	67.7	299.8	113,400 *							85
90	60.0	294.0	85,000 *	65.1	297.6	103,400 *							90
95	57.2	290.9	77,500 *	62.5	295.1	92,800 *							95
100	54.3	287.4	71,000 *	59.7	292.2	84,100 *							100
105	51.3	283.6	65,400 *	56.9	289.1	76,700 *							105
110	48.1	279.2	60,600 *	54.0	285.5	70,400 *	62.7	291.8	93,800 *				110
115	44.8	274.4	56,300 *	50.9	281.6	64,900 *	60.0	289.0	84,900 *				115
120	41.3	268.9	52,500 *	47.7	277.2	60,100 *	57.2	285.8	77,400 *				120
125	37.4	262.7	49,100 *	44.4	272.3	55,800 *	54.3	282.3	71,000 *				125
130	33.2	255.4	46,000 *	40.8	266.7	52,100 *	51.2	278.5	65,400 *				130
135	28.5	246.9	43,200 *	37.0	260.4	48,700 *	48.1	274.1	60,500 *	57.2	281.0	77,600 *	135
140	22.9	236.2	40,700 *	32.7	253.1	45,700 *	44.7	269.2	56,300 *	54.3	277.5	71,200 *	140
145	15.3	221.2	38,400 *	27.9	244.3	42,900 *	41.2	263.8	52,500 *	51.3	273.7	65,600 *	145
150				22.1	233.3	40,400 *	37.4	257.5	49,100 *	48.2	269.3	60,700 *	150
155				14.2	217.5	38,100 *	33.2	250.3	46,000 *	44.8	264.5	56,400 *	155
160							28.4	241.7	43,200 *	41.3	259.0	52,600 *	160
165							22.8	231.0	40,700 *	37.5	252.8	49,200 *	165
170							15.2	215.9	38,400 *	33.3	245.6	46,100 *	170
175										28.6	237.0	43,300 *	175
180										22.9	226.4	40,800 *	180
185										15.4	211.5	38,500 *	185



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

180 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	69.8	312.3	107,100 *										75
80	67.4	310.3	103,400 *										80
85	65.0	308.0	93,900 *										85
90	62.6	305.5	84,900 *	67.2	308.6	102,900 *							90
95	60.0	302.7	77,400 *	64.7	306.3	92,800 *							95
100	57.4	299.6	70,900 *	62.3	303.7	84,000 *							100
105	54.8	296.2	65,300 *	59.7	300.9	76,600 *							105
110	52.0	292.4	60,500 *	57.1	297.7	70,300 *							110
115	49.1	288.2	56,200 *	54.4	294.3	64,800 *	62.5	300.4	84,900 *				115
120	46.1	283.5	52,300 *	51.7	290.4	60,000 *	60.0	297.6	77,300 *				120
125	42.9	278.3	48,900 *	48.8	286.2	55,700 *	57.4	294.5	70,900 *				125
130	39.5	272.5	45,900 *	45.7	281.5	51,900 *	54.7	291.1	65,300 *				130
135	35.9	265.9	43,100 *	42.5	276.2	48,600 *	51.9	287.3	60,400 *				135
140	31.9	258.3	40,600 *	39.1	270.3	45,500 *	49.1	283.1	56,100 *	57.5	289.7	71,100 *	140
145	27.3	249.3	38,200 *	35.5	263.6	42,800 *	46.1	278.4	52,300 *	54.8	286.3	65,500 *	145
150	21.9	238.1	36,100 *	31.4	255.9	40,300 *	42.9	273.2	48,900 *	52.0	282.5	60,600 *	150
155	14.7	222.5	34,200 *	26.8	246.7	38,000 *	39.5	267.4	45,900 *	49.1	278.3	56,300 *	155
160				21.2	235.1	35,900 *	35.8	260.8	43,100 *	46.1	273.6	52,400 *	160
165				13.6	218.6	34,000 *	31.8	253.1	40,600 *	43.0	268.5	49,000 *	165
170							27.3	244.1	38,300 *	39.6	262.6	46,000 *	170
175							21.8	232.9	36,100 *	35.9	256.1	43,200 *	175
180							14.6	217.1	34,200 *	31.9	248.5	40,600 *	180
185										27.4	239.5	38,300 *	185
190										22.0	228.3	36,200 *	190
195										14.8	212.8	34,200 *	195



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

180 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	69.1	321.1	97,000 *										80
85	66.9	319.0	93,500 *										85
90	64.7	316.7	84,500 *										90
95	62.4	314.2	76,900 *	66.7	317.3	92,400 *							95
100	60.0	311.4	70,500 *	64.4	315.0	83,600 *							100
105	57.6	308.3	64,900 *	62.1	312.4	76,200 *							105
110	55.1	304.9	60,000 *	59.8	309.5	69,800 *							110
115	52.6	301.2	55,700 *	57.3	306.4	64,300 *							115
120	50.0	297.1	51,900 *	54.9	303.0	59,500 *	62.3	309.1	76,900 *				120
125	47.2	292.6	48,500 *	52.3	299.2	55,300 *	60.0	306.3	70,400 *				125
130	44.3	287.6	45,400 *	49.6	295.1	51,500 *	57.6	303.2	64,900 *				130
135	41.3	282.1	42,600 *	46.9	290.6	48,100 *	55.1	299.8	60,000 *				135
140	38.0	276.0	40,100 *	44.0	285.5	45,100 *	52.6	296.1	55,700 *				140
145	34.5	269.0	37,800 *	40.9	280.0	42,300 *	49.9	292.0	51,900 *	57.6	298.4	65,000 *	145
150	30.7	261.0	35,700 *	37.6	273.7	39,800 *	47.2	287.5	48,500 *	55.2	295.0	60,100 *	150
155	26.3	251.6	33,700 *	34.1	266.7	37,500 *	44.3	282.5	45,400 *	52.6	291.3	55,800 *	155
160	21.1	240.0	31,900 *	30.2	258.6	35,500 *	41.2	277.0	42,600 *	50.0	287.2	52,000 *	160
165	14.1	223.7	30,200 *	25.8	248.9	33,500 *	38.0	270.8	40,100 *	47.2	282.7	48,600 *	165
170				20.4	236.9	31,700 *	34.5	263.9	37,800 *	44.3	277.7	45,500 *	170
175				13.1	219.8	30,100 *	30.6	255.9	35,700 *	41.3	272.3	42,700 *	175
180							26.2	246.4	33,700 *	38.1	266.1	40,200 *	180
185							21.0	234.7	31,900 *	34.6	259.2	37,900 *	185
190							14.0	218.3	30,200 *	30.7	251.2	35,800 *	190
195										26.4	241.8	33,800 *	195
200										21.2	230.2	32,000 *	200
205										14.2	214.0	30,300 *	205



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

180 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	70.6	331.8	93,000 *										80
85	68.5	329.9	90,300 *										85
90	66.5	327.7	85,400 *										90
95	64.4	325.4	77,700 *										95
100	62.2	322.8	71,100 *	66.2	326.0	84,400 *							100
105	60.0	320.0	65,500 *	64.1	323.6	76,900 *							105
110	57.8	316.9	60,500 *	62.0	321.0	70,500 *							110
115	55.5	313.6	56,200 *	59.8	318.2	64,900 *							115
120	53.1	309.9	52,300 *	57.5	315.1	60,000 *							120
125	50.7	305.9	48,800 *	55.2	311.7	55,700 *	62.2	317.8	71,100 *				125
130	48.1	301.6	45,700 *	52.8	308.0	51,900 *	60.0	314.9	65,400 *				130
135	45.5	296.8	42,900 *	50.4	304.0	48,500 *	57.7	311.9	60,500 *				135
140	42.7	291.6	40,300 *	47.8	299.6	45,400 *	55.4	308.5	56,100 *				140
145	39.8	285.8	38,000 *	45.2	294.7	42,600 *	53.1	304.8	52,300 *				145
150	36.7	279.3	35,900 *	42.4	289.4	40,100 *	50.6	300.8	48,800 *	57.8	307.1	60,600 *	150
155	33.3	272.0	33,900 *	39.5	283.6	37,800 *	48.1	296.5	45,700 *	55.5	303.7	56,300 *	155
160	29.6	263.7	32,100 *	36.3	277.0	35,600 *	45.5	291.7	42,900 *	53.1	300.0	52,400 *	160
165	25.4	253.9	30,400 *	32.9	269.6	33,700 *	42.7	286.4	40,300 *	50.7	296.1	48,900 *	165
170	20.4	241.7	28,800 *	29.1	261.2	31,900 *	39.8	280.6	38,000 *	48.2	291.7	45,800 *	170
175	13.6	224.9	27,100 *	24.9	251.1	30,200 *	36.6	274.2	35,900 *	45.5	286.9	43,000 *	175
180				19.7	238.6	28,700 *	33.3	266.9	33,900 *	42.8	281.7	40,400 *	180
185				12.6	220.8	27,200 *	29.5	258.5	32,100 *	39.8	275.9	38,100 *	185
190							25.3	248.7	30,400 *	36.7	269.4	35,900 *	190
195							20.3	236.5	28,800 *	33.3	262.2	34,000 *	195
200							13.5	219.5	27,400 *	29.6	253.9	32,200 *	200
205										25.4	244.1	30,500 *	205
210										20.4	231.9	28,900 *	210
215										13.7	215.2	27,400 *	215



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

180 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	69.9	340.6	83,400 *										85
90	68.0	338.6	80,900 *										90
95	66.1	336.5	78,100 *										95
100	64.1	334.1	71,400 *	67.8	336.9	80,300 *							100
105	62.1	331.5	65,600 *	65.8	334.7	77,300 *							105
110	60.0	328.7	60,600 *	63.9	332.3	70,700 *							110
115	57.9	325.6	56,100 *	61.8	329.7	65,000 *							115
120	55.8	322.3	52,200 *	59.8	326.9	60,000 *							120
125	53.6	318.7	48,700 *	57.7	323.8	55,700 *							125
130	51.3	314.8	45,500 *	55.5	320.4	51,800 *	62.0	326.4	65,600 *				130
135	48.9	310.5	42,700 *	53.3	316.8	48,300 *	60.0	323.6	60,500 *				135
140	46.5	305.9	40,100 *	51.0	312.8	45,200 *	57.9	320.5	56,100 *				140
145	44.0	300.9	37,700 *	48.7	308.5	42,400 *	55.7	317.2	52,200 *				145
150	41.3	295.3	35,600 *	46.2	303.9	39,800 *	53.5	313.6	48,700 *				150
155	38.5	289.3	33,600 *	43.7	298.8	37,500 *	51.3	309.7	45,500 *	57.9	315.7	56,200 *	155
160	35.5	282.5	31,700 *	41.0	293.2	35,300 *	48.9	305.4	42,700 *	55.8	312.4	52,300 *	160
165	32.2	274.9	30,000 *	38.1	287.0	33,400 *	46.5	300.8	40,100 *	53.6	308.8	48,800 *	165
170	28.6	266.2	28,500 *	35.1	280.2	31,500 *	43.9	295.8	37,700 *	51.3	304.9	45,600 *	170
175	24.6	256.0	27,000 *	31.8	272.5	29,900 *	41.2	290.2	35,600 *	49.0	300.6	42,700 *	175
180	19.7	243.5	25,600 *	28.2	263.7	28,300 *	38.4	284.1	33,600 *	46.5	296.0	40,200 *	180
185	13.2	226.0	24,000 *	24.0	253.3	26,800 *	35.4	277.4	31,700 *	44.0	291.0	37,800 *	185
190				19.1	240.3	25,500 *	32.2	269.8	30,000 *	41.3	285.5	35,600 *	190
195				12.2	221.9	24,200 *	28.6	261.1	28,500 *	38.5	279.4	33,600 *	195
200							24.5	250.8	27,000 *	35.5	272.7	31,800 *	200
205							19.6	238.2	25,600 *	32.2	265.1	30,100 *	205
210							13.1	220.6	24,300 *	28.7	256.4	28,500 *	210
215										24.6	246.2	27,100 *	215
220										19.8	233.7	25,700 *	220
225										13.3	216.3	24,400 *	225



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

180 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	69.4	349.4	76,200 *										90
95	67.6	347.4	74,000 *										95
100	65.7	345.2	71,100 *										100
105	63.9	342.8	65,300 *	67.4	345.7	73,300 *							105
110	62.0	340.2	60,300 *	65.5	343.4	70,400 *							110
115	60.0	337.3	55,800 *	63.6	341.0	64,700 *							115
120	58.0	334.3	51,900 *	61.7	338.4	59,700 *							120
125	56.0	331.0	48,400 *	59.8	335.5	55,400 *							125
130	54.0	327.4	45,200 *	57.8	332.4	51,500 *							130
135	51.8	323.6	42,400 *	55.8	329.1	48,000 *	61.9	335.1	60,200 *				135
140	49.6	319.4	39,800 *	53.7	325.5	44,900 *	60.0	332.3	55,800 *				140
145	47.4	314.9	37,400 *	51.6	321.7	42,100 *	58.0	329.2	51,900 *				145
150	45.0	310.1	35,300 *	49.4	317.5	39,500 *	56.0	325.9	48,400 *				150
155	42.6	304.8	33,300 *	47.1	312.9	37,200 *	53.9	322.3	45,200 *				155
160	40.0	299.0	31,400 *	44.7	308.0	35,000 *	51.8	318.5	42,400 *				160
165	37.3	292.6	29,700 *	42.3	302.7	33,100 *	49.6	314.3	39,800 *	56.0	321.1	48,500 *	165
170	34.4	285.6	28,200 *	39.7	296.8	31,200 *	47.3	309.8	37,400 *	54.0	317.5	45,300 *	170
175	31.2	277.7	26,700 *	36.9	290.4	29,600 *	45.0	305.0	35,300 *	51.9	313.7	42,500 *	175
180	27.7	268.7	25,300 *	34.0	283.3	28,000 *	42.5	299.7	33,300 *	49.7	309.6	39,900 *	180
185	23.8	258.1	24,000 *	30.8	275.3	26,500 *	40.0	293.9	31,400 *	47.4	305.1	37,500 *	185
190	19.1	245.1	22,800 *	27.3	266.1	25,200 *	37.2	287.5	29,700 *	45.0	300.2	35,300 *	190
195	12.8	227.1	21,400 *	23.3	255.3	23,900 *	34.3	280.5	28,200 *	42.6	294.9	33,300 *	195
200				18.5	241.9	22,700 *	31.2	272.5	26,700 *	40.0	289.1	31,500 *	200
205				11.8	222.9	21,600 *	27.7	263.5	25,300 *	37.3	282.8	29,800 *	205
210							23.7	252.9	24,100 *	34.4	275.8	28,200 *	210
215							19.0	239.9	22,800 *	31.2	267.9	26,800 *	215
220							12.7	221.7	21,700 *	27.8	258.9	25,400 *	220
225										23.8	248.3	24,100 *	225
230										19.1	235.3	22,900 *	230
235										12.9	217.4	21,700 *	235



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

180 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	70.6	360.1	71,500 *										90
95	68.9	358.2	68,900 *										95
100	67.2	356.1	66,200 *										100
105	65.4	353.9	63,500 *										105
110	63.6	351.4	59,700 *	67.0	354.4	65,600 *							110
115	61.8	348.8	55,300 *	65.2	352.1	63,100 *							115
120	60.0	346.0	51,400 *	63.4	349.7	59,200 *							120
125	58.2	343.0	47,800 *	61.6	347.0	54,800 *							125
130	56.3	339.7	44,700 *	59.8	344.2	50,900 *							130
135	54.3	336.2	41,800 *	57.9	341.1	47,500 *							135
140	52.3	332.4	39,200 *	56.0	337.8	44,400 *	61.8	343.8	55,300 *				140
145	50.3	328.3	36,900 *	54.1	334.3	41,500 *	60.0	340.9	51,300 *				145
150	48.1	323.9	34,700 *	52.1	330.5	39,000 *	58.1	337.9	47,800 *				150
155	46.0	319.2	32,700 *	50.0	326.4	36,600 *	56.2	334.6	44,700 *				155
160	43.7	314.1	30,900 *	47.9	321.9	34,500 *	54.3	331.1	41,800 *				160
165	41.3	308.6	29,200 *	45.7	317.2	32,500 *	52.3	327.3	39,200 *				165
170	38.8	302.5	27,600 *	43.4	312.0	30,700 *	50.2	323.2	36,900 *	56.3	329.8	44,800 *	170
175	36.2	295.9	26,200 *	41.0	306.4	29,000 *	48.1	318.8	34,700 *	54.3	326.3	41,900 *	175
180	33.3	288.6	24,800 *	38.5	300.3	27,500 *	45.9	314.1	32,700 *	52.3	322.5	39,300 *	180
185	30.3	280.4	23,500 *	35.9	293.6	26,000 *	43.6	309.0	30,900 *	50.3	318.4	37,000 *	185
190	26.9	271.1	22,300 *	33.0	286.2	24,700 *	41.3	303.5	29,200 *	48.2	314.1	34,800 *	190
195	23.1	260.2	21,200 *	29.9	277.9	23,400 *	38.8	297.4	27,600 *	46.0	309.3	32,800 *	195
200	18.5	246.7	20,100 *	26.5	268.5	22,200 *	36.1	290.8	26,200 *	43.7	304.2	31,000 *	200
205	12.4	228.2	18,900 *	22.6	257.3	21,100 *	33.3	283.5	24,800 *	41.3	298.7	29,300 *	205
210				17.9	243.5	20,000 *	30.2	275.3	23,500 *	38.8	292.7	27,700 *	210
215				11.5	223.9	19,000 *	26.9	265.9	22,300 *	36.2	286.1	26,200 *	215
220							23.0	255.0	21,200 *	33.4	278.8	24,900 *	220
225							18.5	241.5	20,100 *	30.3	270.6	23,600 *	225
230							12.3	222.8	19,100 *	27.0	261.3	22,400 *	230
235										23.1	250.4	21,200 *	235
240										18.6	237.0	20,200 *	240
245										12.5	218.5	19,200 *	245



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

180 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	70.0	368.9	64,400 *										95
100	68.4	366.9	62,000 *										100
105	66.8	364.8	59,500 *										105
110	65.1	362.6	56,900 *										110
115	63.5	360.1	54,400 *	66.6	363.1	58,900 *							115
120	61.7	357.5	50,900 *	64.9	360.8	56,500 *							120
125	60.0	354.7	47,300 *	63.3	358.4	54,100 *							125
130	58.3	351.6	44,200 *	61.6	355.7	50,500 *							130
135	56.5	348.4	41,300 *	59.8	352.8	47,000 *							135
140	54.6	344.9	38,700 *	58.0	349.8	43,900 *							140
145	52.7	341.2	36,400 *	56.2	346.5	41,000 *	61.7	352.4	50,900 *				145
150	50.8	337.2	34,200 *	54.4	343.0	38,500 *	60.0	349.6	47,300 *				150
155	48.8	332.9	32,200 *	52.5	339.2	36,100 *	58.2	346.5	44,200 *				155
160	46.8	328.3	30,400 *	50.6	335.2	34,000 *	56.4	343.3	41,300 *				160
165	44.7	323.3	28,700 *	48.6	330.9	32,000 *	54.6	339.8	38,700 *				165
170	42.4	318.0	27,100 *	46.5	326.3	30,200 *	52.7	336.1	36,400 *				170
175	40.1	312.2	25,700 *	44.4	321.3	28,500 *	50.8	332.1	34,200 *	56.5	338.5	41,400 *	175
180	37.7	306.0	24,300 *	42.2	315.9	27,000 *	48.8	327.8	32,200 *	54.6	335.0	38,800 *	180
185	35.2	299.1	23,000 *	39.9	310.1	25,500 *	46.7	323.2	30,400 *	52.8	331.3	36,500 *	185
190	32.4	291.5	21,800 *	37.4	303.7	24,200 *	44.6	318.2	28,700 *	50.8	327.3	34,300 *	190
195	29.5	283.1	20,700 *	34.9	296.8	22,900 *	42.4	312.9	27,100 *	48.8	323.0	32,300 *	195
200	26.2	273.4	19,600 *	32.1	289.1	21,700 *	40.1	307.1	25,700 *	46.8	318.4	30,500 *	200
205	22.5	262.2	18,600 *	29.1	280.5	20,600 *	37.7	300.8	24,300 *	44.7	313.5	28,800 *	205
210	18.0	248.3	17,700 *	25.8	270.7	19,500 *	35.1	294.0	23,000 *	42.5	308.1	27,200 *	210
215	12.1	229.2	16,600 *	22.0	259.2	18,500 *	32.4	286.4	21,800 *	40.2	302.4	25,700 *	215
220				17.4	245.0	17,600 *	29.4	277.9	20,700 *	37.8	296.1	24,400 *	220
225				11.2	224.8	16,700 *	26.1	268.2	19,600 *	35.2	289.3	23,100 *	225
230							22.4	256.9	18,600 *	32.5	281.7	21,900 *	230
235							18.0	243.0	17,700 *	29.5	273.2	20,800 *	235
240							12.0	223.8	16,800 *	26.2	263.6	19,700 *	240
245										22.5	252.4	18,700 *	245
250										18.1	238.5	17,700 *	250
255										12.1	219.5	16,800 *	255



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

180 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
100	69.6	377.7	55,600 *										100
105	68.0	375.7	53,300 *										105
110	66.5	373.6	50,900 *										110
115	64.9	371.3	48,500 *	67.8	374.0	52,700 *							115
120	63.3	368.8	46,200 *	66.3	371.8	50,500 *							120
125	61.7	366.2	44,000 *	64.7	369.5	48,200 *							125
130	60.0	363.3	41,800 *	63.1	367.0	45,900 *							130
135	58.3	360.3	39,800 *	61.5	364.4	43,800 *							135
140	56.6	357.1	37,700 *	59.8	361.5	41,700 *							140
145	54.9	353.6	35,800 *	58.1	358.5	39,600 *							145
150	53.1	349.9	33,900 *	56.4	355.2	37,600 *	61.6	361.1	43,600 *				150
155	51.3	346.0	32,100 *	54.7	351.7	35,700 *	60.0	358.2	41,600 *				155
160	49.4	341.8	30,200 *	52.9	348.0	33,900 *	58.3	355.2	39,700 *				160
165	47.5	337.3	28,500 *	51.1	344.1	31,800 *	56.6	352.0	37,800 *				165
170	45.5	332.5	26,900 *	49.2	339.8	30,000 *	54.9	348.5	35,900 *				170
175	43.5	327.4	25,400 *	47.3	335.3	28,300 *	53.1	344.8	34,100 *				175
180	41.3	321.8	24,000 *	45.3	330.5	26,700 *	51.3	340.9	32,100 *	56.7	347.2	37,500 *	180
185	39.1	315.8	22,700 *	43.2	325.3	25,200 *	49.4	336.7	30,200 *	54.9	343.7	35,700 *	185
190	36.7	309.3	21,500 *	41.1	319.7	23,800 *	47.5	332.2	28,500 *	53.1	340.0	34,000 *	190
195	34.2	302.2	20,300 *	38.8	313.6	22,600 *	45.5	327.4	26,900 *	51.3	336.1	32,100 *	195
200	31.6	294.4	19,300 *	36.4	307.0	21,300 *	43.4	322.2	25,400 *	49.4	331.9	30,300 *	200
205	28.7	285.6	18,200 *	33.9	299.9	20,200 *	41.3	316.7	24,000 *	47.5	327.4	28,500 *	205
210	25.5	275.7	17,300 *	31.3	291.9	19,100 *	39.0	310.7	22,700 *	45.5	322.6	26,900 *	210
215	21.9	264.1	16,300 *	28.3	283.1	18,100 *	36.7	304.2	21,500 *	43.5	317.5	25,400 *	215
220	17.6	249.8	15,300 *	25.1	273.0	17,200 *	34.2	297.0	20,300 *	41.3	311.9	24,000 *	220
225	11.8	230.2	14,500 *	21.4	261.1	16,300 *	31.5	289.2	19,300 *	39.1	305.9	22,700 *	225
230				17.0	246.5	15,300 *	28.6	280.4	18,300 *	36.8	299.4	21,500 *	230
235				10.9	225.8	14,500 *	25.5	270.5	17,300 *	34.3	292.3	20,400 *	235
240							21.8	258.9	16,400 *	31.6	284.5	19,300 *	240
245							17.5	244.6	15,500 *	28.7	275.8	18,300 *	245
250							11.6	224.8	14,700 *	25.5	265.9	17,300 *	250
255										21.9	254.3	16,400 *	255
260										17.6	240.1	15,600 *	260
265										11.8	220.5	14,700 *	265



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

200 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	62.3	272.0	159,500 *b										65
70	57.6	269.0	136,900 *b										70
75	52.5	265.3	119,700 *b	62.8	270.6	162,000 *b							75
80	47.1	260.9	106,100 *	58.0	267.6	138,800 *b							80
85	41.1	255.6	95,100 *	53.0	264.1	121,100 *b							85
90	34.2	248.8	86,000 *	47.6	259.8	107,200 *							90
95	25.7	239.8	78,400 *	41.6	254.5	96,000 *	60.1	265.1	148,200 *b				95
100	12.4	224.4	71,800 *	34.9	247.9	86,800 *	55.2	261.8	128,400 *b				100
105				26.6	239.1	79,000 *	50.0	257.8	113,000 *				105
110				14.2	224.9	72,400 *	44.3	253.0	100,700 *				110
115							38.0	247.1	90,700 *	57.0	257.6	122,200 b	115
120							30.5	239.4	82,300 *	51.9	253.9	116,200	120
125							20.6	228.5	75,200 *	46.4	249.4	104,900 *	125
130										40.4	243.9	94,100 *	130
135										33.4	237.0	85,200 *	135
140										24.6	227.6	77,700 *	140
145										9.9	210.4	71,200 *	145

200 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	66.1	283.2	160,500 *b										65
70	62.1	280.6	137,700 *b										70
75	57.9	277.7	120,300 *b	66.4	281.8	163,000 *b							75
80	53.5	274.1	106,600 *	62.4	279.3	139,600 *b							80
85	48.8	270.0	95,500 *	58.3	276.3	121,800 *b							85
90	43.8	265.0	86,300 *	53.9	272.8	107,800 *							90
95	38.2	259.1	78,600 *	49.3	268.7	96,400 *							95
100	31.9	251.7	72,100 *	44.3	263.9	87,100 *	60.1	273.7	129,100 *b				100
105	24.0	241.9	66,400 *	38.8	258.1	79,300 *	55.9	270.5	113,600 *				105
110	11.6	225.4	61,400 *	32.5	250.8	72,700 *	51.4	266.7	101,200 *				110
115				24.8	241.3	66,900 *	46.5	262.2	91,100 *				115
120				13.2	226.0	61,900 *	41.3	256.8	82,600 *	57.4	266.3	115,500	120
125							35.4	250.3	75,500 *	53.0	262.7	105,400 *	125
130							28.4	242.0	69,400 *	48.3	258.5	94,500 *	130
135							19.2	230.1	64,100 *	43.2	253.4	85,500 *	135
140										37.6	247.4	78,000 *	140
145										31.1	239.8	71,500 *	145
150										22.9	229.6	65,900 *	150
155										9.2	211.1	61,000 *	155



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

200 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	68.9	294.1	151,900 *b										65
70	65.4	291.9	138,300 *b										70
75	61.8	289.3	120,800 *										75
80	58.1	286.3	107,000 *	65.7	290.5	140,200 *b							80
85	54.2	282.9	95,800 *	62.2	287.9	122,300 *							85
90	50.2	278.9	86,600 *	58.5	285.0	108,100 *							90
95	45.8	274.2	78,800 *	54.6	281.6	96,800 *							95
100	41.1	268.8	72,200 *	50.6	277.6	87,400 *							100
105	35.9	262.4	66,500 *	46.2	273.1	79,500 *	60.1	282.4	114,000 *				105
110	29.9	254.4	61,600 *	41.6	267.7	72,800 *	56.3	279.2	101,500 *				110
115	22.5	243.9	57,200 *	36.4	261.4	67,100 *	52.4	275.5	91,300 *				115
120	10.9	226.3	53,300 *	30.5	253.6	62,000 *	48.2	271.2	82,900 *				120
125				23.3	243.4	57,600 *	43.7	266.3	75,700 *	57.7	275.0	105,800 *	125
130				12.4	227.0	53,700 *	38.8	260.4	69,500 *	53.8	271.5	94,800 *	130
135							33.3	253.3	64,200 *	49.7	267.4	85,800 *	135
140							26.7	244.3	59,500 *	45.3	262.7	78,200 *	140
145							18.1	231.7	55,400 *	40.6	257.2	71,700 *	145
150										35.3	250.6	66,100 *	150
155										29.2	242.4	61,200 *	155
160										21.6	231.5	56,800 *	160
165										8.6	211.8	53,000 *	165



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled 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	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	68.0	302.8	133,700 *b										70
75	64.9	300.6	121,700 *										75
80	61.6	298.0	107,600 *										80
85	58.3	295.0	96,300 *	65.2	299.2	123,200 *							85
90	54.8	291.6	86,900 *	61.9	296.6	108,800 *							90
95	51.2	287.7	79,000 *	58.6	293.7	97,300 *							95
100	47.4	283.3	72,400 *	55.2	290.3	87,700 *							100
105	43.3	278.3	66,600 *	51.6	286.5	79,700 *							105
110	38.9	272.4	61,600 *	47.8	282.1	73,000 *	60.1	291.1	102,100 *				110
115	34.0	265.4	57,200 *	43.7	277.1	67,100 *	56.7	287.9	91,800 *				115
120	28.3	256.9	53,300 *	39.3	271.3	62,100 *	53.2	284.3	83,100 *				120
125	21.3	245.7	49,800 *	34.5	264.5	57,600 *	49.5	280.2	75,900 *				125
130	10.3	227.1	46,600 *	28.9	256.1	53,600 *	45.5	275.5	69,600 *	57.9	283.7	95,300 *	130
135				22.0	245.3	50,100 *	41.3	270.1	64,200 *	54.5	280.2	86,100 *	135
140				11.7	228.0	46,900 *	36.7	263.7	59,500 *	50.8	276.3	78,400 *	140
145							31.5	256.1	55,400 *	47.0	271.8	71,800 *	145
150							25.3	246.6	51,700 *	42.9	266.7	66,100 *	150
155							17.1	233.1	48,300 *	38.4	260.7	61,200 *	155
160										33.4	253.6	56,800 *	160
165										27.7	244.9	53,000 *	165
170										20.4	233.2	49,500 *	170
175										8.1	212.5	46,400 *	175



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

200 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	70.1	313.6	128,200 *b										70
75	67.3	311.6	123,700 *										75
80	64.4	309.3	110,000 *										80
85	61.5	306.6	98,400 *	67.6	310.1	124,000 *							85
90	58.5	303.7	88,800 *	64.7	307.9	111,300 *							90
95	55.3	300.3	80,800 *	61.8	305.3	99,400 *							95
100	52.1	296.6	73,900 *	58.7	302.3	89,700 *							100
105	48.7	292.3	68,000 *	55.6	299.0	81,500 *							105
110	45.0	287.5	62,900 *	52.4	295.3	74,500 *							110
115	41.2	282.0	58,400 *	49.0	291.1	68,600 *	60.1	299.7	93,800 *				115
120	37.0	275.7	54,400 *	45.4	286.4	63,400 *	57.0	296.6	84,900 *				120
125	32.3	268.3	50,900 *	41.6	281.0	58,800 *	53.8	293.0	77,500 *				125
130	27.0	259.3	47,700 *	37.4	274.7	54,800 *	50.5	289.1	71,100 *				130
135	20.3	247.5	44,800 *	32.8	267.4	51,200 *	47.0	284.6	65,600 *				135
140	9.7	227.9	41,600 *	27.5	258.6	48,000 *	43.3	279.5	60,800 *	55.0	288.9	80,100 *	140
145				21.0	247.1	45,000 *	39.3	273.7	56,500 *	51.7	285.1	73,300 *	145
150				11.2	229.0	42,400 *	34.9	266.9	52,800 *	48.3	280.8	67,500 *	150
155							29.9	258.8	49,400 *	44.6	276.0	62,500 *	155
160							24.1	248.7	46,300 *	40.7	270.4	58,000 *	160
165							16.2	234.5	43,500 *	36.5	264.0	54,100 *	165
170										31.8	256.5	50,600 *	170
175										26.3	247.2	47,400 *	175
180										19.4	234.9	44,500 *	180
185										7.7	213.1	41,900 *	185



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

200 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	69.3	322.4	114,100 *										75
80	66.7	320.3	110,200 *										80
85	64.1	317.9	98,900 *										85
90	61.4	315.3	89,200 *	67.0	318.9	110,500 *							90
95	58.6	312.3	81,000 *	64.3	316.5	99,900 *							95
100	55.7	309.0	74,000 *	61.6	313.9	90,000 *							100
105	52.8	305.3	68,100 *	58.9	311.0	81,700 *							105
110	49.7	301.2	62,900 *	56.0	307.7	74,700 *							110
115	46.4	296.6	58,300 *	53.0	304.1	68,600 *	62.8	311.2	94,200 *				115
120	43.0	291.5	54,300 *	50.0	300.0	63,300 *	60.1	308.4	85,200 *				120
125	39.3	285.6	50,700 *	46.7	295.5	58,700 *	57.3	305.3	77,700 *				125
130	35.3	278.9	47,500 *	43.3	290.4	54,600 *	54.4	301.8	71,200 *				130
135	30.9	271.1	44,500 *	39.7	284.6	51,000 *	51.3	297.9	65,600 *				135
140	25.8	261.6	41,900 *	35.7	278.0	47,800 *	48.2	293.6	60,700 *				140
145	19.4	249.2	39,500 *	31.3	270.2	44,800 *	44.9	288.7	56,400 *	55.4	297.7	73,400 *	145
150	9.3	228.7	36,800 *	26.3	260.9	42,100 *	41.3	283.3	52,600 *	52.4	293.9	67,500 *	150
155				20.0	248.9	39,700 *	37.5	277.1	49,200 *	49.3	289.8	62,400 *	155
160				10.7	229.9	37,500 *	33.3	269.9	46,100 *	46.1	285.1	57,900 *	160
165							28.6	261.3	43,300 *	42.6	279.9	53,900 *	165
170							23.0	250.7	40,800 *	38.9	274.0	50,400 *	170
175							15.5	235.9	38,500 *	34.9	267.2	47,200 *	175
180										30.4	259.2	44,300 *	180
185										25.1	249.4	41,700 *	185
190										18.5	236.5	39,300 *	190
195										7.4	213.7	37,100 *	195



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

200 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	71.0	333.0	106,900 *										75
80	68.6	331.2	103,500 *										80
85	66.2	329.0	98,900 *										85
90	63.8	326.6	89,100 *										90
95	61.3	324.0	80,900 *	66.4	327.6	99,900 *							95
100	58.7	321.0	73,900 *	64.0	325.2	90,000 *							100
105	56.1	317.7	68,000 *	61.5	322.6	81,600 *							105
110	53.4	314.1	62,800 *	58.9	319.6	74,600 *							110
115	50.5	310.1	58,200 *	56.3	316.4	68,500 *							115
120	47.6	305.7	54,100 *	53.6	312.8	63,200 *	62.6	319.8	85,200 *				120
125	44.5	300.8	50,500 *	50.8	308.9	58,600 *	60.1	317.0	77,600 *				125
130	41.2	295.3	47,300 *	47.9	304.5	54,500 *	57.5	313.9	71,100 *				130
135	37.7	289.1	44,400 *	44.8	299.6	50,900 *	54.8	310.5	65,500 *				135
140	33.9	282.0	41,800 *	41.5	294.2	47,600 *	52.0	306.7	60,600 *				140
145	29.6	273.7	39,400 *	38.0	288.1	44,700 *	49.2	302.5	56,300 *				145
150	24.7	263.8	37,100 *	34.3	281.1	42,000 *	46.2	297.9	52,500 *	55.8	306.4	67,400 *	150
155	18.6	250.8	35,100 *	30.1	272.9	39,600 *	43.0	292.7	49,000 *	53.0	302.7	62,300 *	155
160	8.9	229.4	32,800 *	25.2	263.1	37,400 *	39.6	286.9	46,000 *	50.2	298.7	57,800 *	160
165				19.2	250.6	35,300 *	36.0	280.3	43,200 *	47.3	294.2	53,800 *	165
170				10.2	230.7	33,400 *	32.0	272.7	40,600 *	44.1	289.2	50,200 *	170
175							27.4	263.8	38,300 *	40.9	283.7	47,100 *	175
180							22.1	252.6	36,200 *	37.3	277.4	44,200 *	180
185							14.9	237.2	34,200 *	33.5	270.2	41,600 *	185
190										29.1	261.8	39,200 *	190
195										24.1	251.5	37,000 *	195
200										17.8	238.1	35,000 *	200
205										7.0	214.3	33,100 *	205



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled 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	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	70.2	341.9	96,800 *										80
85	68.0	339.9	93,900 *										85
90	65.8	337.7	88,700 *										90
95	63.5	335.3	80,500 *										95
100	61.2	332.6	73,500 *	66.0	336.3	89,500 *							100
105	58.8	329.7	67,500 *	63.7	333.9	81,200 *							105
110	56.4	326.4	62,300 *	61.4	331.2	74,100 *							110
115	53.8	322.9	57,700 *	59.0	328.3	68,100 *							115
120	51.3	319.0	53,700 *	56.6	325.1	62,800 *							120
125	48.6	314.7	50,100 *	54.1	321.6	58,200 *	62.4	328.5	77,200 *				125
130	45.7	309.9	46,800 *	51.5	317.7	54,100 *	60.1	325.7	70,700 *				130
135	42.8	304.7	43,900 *	48.8	313.5	50,400 *	57.7	322.6	65,000 *				135
140	39.6	298.9	41,300 *	46.0	308.8	47,200 *	55.2	319.2	60,100 *				140
145	36.3	292.4	38,900 *	43.1	303.6	44,200 *	52.6	315.5	55,800 *				145
150	32.6	284.9	36,700 *	39.9	297.8	41,500 *	50.0	311.4	52,000 *				150
155	28.5	276.3	34,700 *	36.6	291.4	39,100 *	47.3	307.0	48,600 *	56.1	315.1	61,900 *	155
160	23.8	265.9	32,800 *	33.0	284.0	36,900 *	44.4	302.0	45,500 *	53.6	311.5	57,300 *	160
165	17.9	252.3	31,000 *	28.9	275.5	34,800 *	41.3	296.5	42,700 *	51.0	307.5	53,400 *	165
170	8.6	230.1	29,100 *	24.3	265.3	33,000 *	38.1	290.4	40,200 *	48.3	303.2	49,800 *	170
175				18.5	252.2	31,200 *	34.6	283.5	37,900 *	45.4	298.4	46,600 *	175
180				9.8	231.5	29,600 *	30.8	275.5	35,800 *	42.4	293.1	43,700 *	180
185							26.4	266.1	33,800 *	39.3	287.2	41,100 *	185
190							21.2	254.5	32,000 *	35.9	280.6	38,700 *	190
195							14.3	238.4	30,300 *	32.2	273.1	36,500 *	195
200										28.0	264.3	34,500 *	200
205										23.2	253.6	32,600 *	205
210										17.1	239.6	30,900 *	210
215										6.8	214.8	29,300 *	215



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

200 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	69.5	350.7	88,700 *										85
90	67.5	348.7	86,200 *										90
95	65.4	346.4	82,300 *										95
100	63.3	344.0	75,000 *	67.7	347.2	86,000 *							100
105	61.1	341.3	68,800 *	65.6	345.0	83,000 *							105
110	58.9	338.3	63,500 *	63.5	342.6	75,700 *							110
115	56.6	335.1	58,700 *	61.3	339.9	69,400 *							115
120	54.3	331.6	54,600 *	59.1	337.0	63,900 *							120
125	51.9	327.8	50,900 *	56.8	333.8	59,200 *							125
130	49.4	323.6	47,500 *	54.5	330.3	55,000 *	62.3	337.2	72,100 *				130
135	46.8	319.0	44,600 *	52.1	326.5	51,200 *	60.1	334.4	66,300 *				135
140	44.1	314.0	41,800 *	49.6	322.4	47,800 *	57.8	331.3	61,200 *				140
145	41.2	308.5	39,400 *	47.0	317.8	44,800 *	55.5	327.9	56,800 *				145
150	38.2	302.4	37,100 *	44.3	312.9	42,100 *	53.2	324.3	52,800 *				150
155	35.0	295.5	35,000 *	41.5	307.4	39,600 *	50.7	320.3	49,300 *				155
160	31.5	287.8	33,100 *	38.5	301.3	37,300 *	48.2	316.0	46,100 *	56.4	323.8	58,300 *	160
165	27.5	278.7	31,400 *	35.3	294.6	35,200 *	45.5	311.2	43,300 *	54.0	320.2	54,200 *	165
170	22.9	267.9	29,700 *	31.8	286.9	33,300 *	42.8	305.9	40,700 *	51.6	316.4	50,500 *	170
175	17.3	253.8	28,200 *	27.9	278.0	31,500 *	39.9	300.2	38,300 *	49.1	312.1	47,300 *	175
180	8.3	230.8	25,200 *	23.4	267.3	29,900 *	36.7	293.7	36,200 *	46.5	307.5	44,300 *	180
185				17.9	253.7	28,400 *	33.4	286.5	34,200 *	43.8	302.5	41,600 *	185
190				9.5	232.3	26,400 *	29.7	278.2	32,300 *	40.9	296.9	39,200 *	190
195							25.5	268.4	30,600 *	37.9	290.7	36,900 *	195
200							20.5	256.3	29,000 *	34.6	283.8	34,900 *	200
205							13.8	239.6	27,600 *	31.0	275.9	33,000 *	205
210										27.1	266.7	31,200 *	210
215										22.4	255.6	29,600 *	215
220										16.5	241.0	28,100 *	220
225										6.5	215.3	26,700 *	225



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

200 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	70.9	361.3	83,000 *										85
90	69.0	359.5	80,700 *										90
95	67.0	357.4	78,500 *										95
100	65.1	355.1	74,500 *										100
105	63.1	352.6	68,300 *	67.2	356.0	78,300 *							105
110	61.0	349.9	62,900 *	65.2	353.7	75,200 *							110
115	58.9	347.0	58,200 *	63.2	351.2	68,900 *							115
120	56.8	343.8	54,000 *	61.2	348.6	63,400 *							120
125	54.6	340.3	50,300 *	59.1	345.6	58,600 *							125
130	52.4	336.6	47,000 *	57.0	342.5	54,400 *							130
135	50.1	332.5	44,000 *	54.9	339.0	50,700 *	62.1	345.8	65,800 *				135
140	47.7	328.1	41,300 *	52.6	335.3	47,300 *	60.1	343.0	60,700 *				140
145	45.2	323.2	38,800 *	50.3	331.3	44,300 *	58.0	340.0	56,200 *				145
150	42.6	318.0	36,600 *	47.9	326.9	41,600 *	55.8	336.6	52,300 *				150
155	39.9	312.2	34,500 *	45.4	322.1	39,100 *	53.6	333.0	48,800 *				155
160	37.0	305.7	32,600 *	42.9	316.8	36,800 *	51.3	329.1	45,600 *				160
165	33.8	298.6	30,900 *	40.1	311.1	34,700 *	49.0	324.9	42,800 *	56.6	332.5	53,700 *	165
170	30.4	290.5	29,200 *	37.2	304.7	32,800 *	46.6	320.3	40,200 *	54.4	329.0	50,000 *	170
175	26.6	281.1	27,700 *	34.1	297.6	31,000 *	44.0	315.3	37,800 *	52.2	325.2	46,700 *	175
180	22.2	269.8	26,300 *	30.7	289.6	29,400 *	41.3	309.7	35,600 *	49.8	321.0	43,800 *	180
185	16.7	255.3	24,900 *	27.0	280.4	27,800 *	38.5	303.7	33,600 *	47.4	316.6	41,100 *	185
190	8.0	231.5	22,300 *	22.6	269.3	26,400 *	35.5	296.9	31,800 *	44.9	311.7	38,600 *	190
195				17.3	255.2	25,100 *	32.3	289.4	30,100 *	42.3	306.4	36,400 *	195
200				9.1	233.1	23,400 *	28.7	280.7	28,500 *	39.6	300.5	34,400 *	200
205							24.6	270.5	27,000 *	36.6	294.0	32,500 *	205
210							19.8	258.0	25,700 *	33.5	286.8	30,700 *	210
215							13.4	240.7	24,400 *	30.0	278.5	29,100 *	215
220										26.2	269.0	27,600 *	220
225										21.7	257.5	26,200 *	225
230										16.0	242.4	24,800 *	230
235										6.3	215.9	23,600 *	235



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	70.3	370.2	76,000 *										90
95	68.5	368.2	73,900 *										95
100	66.6	366.1	71,700 *										100
105	64.8	363.8	68,000 *										105
110	62.9	361.3	62,600 *	66.8	364.7	71,500 *							110
115	61.0	358.6	57,900 *	64.9	362.4	68,600 *							115
120	59.0	355.7	53,800 *	63.1	359.9	63,100 *							120
125	57.0	352.5	50,000 *	61.1	357.2	58,400 *							125
130	55.0	349.1	46,700 *	59.2	354.3	54,100 *							130
135	52.9	345.4	43,700 *	57.2	351.2	50,400 *							135
140	50.7	341.4	41,000 *	55.2	347.7	47,000 *	62.0	354.5	60,400 *				140
145	48.5	337.0	38,500 *	53.1	344.1	44,000 *	60.1	351.7	56,000 *				145
150	46.2	332.4	36,300 *	50.9	340.1	41,300 *	58.1	348.6	52,000 *				150
155	43.8	327.3	34,200 *	48.7	335.8	38,800 *	56.1	345.3	48,500 *				155
160	41.3	321.7	32,300 *	46.4	331.2	36,500 *	54.0	341.8	45,300 *				160
165	38.6	315.7	30,500 *	44.0	326.1	34,400 *	51.9	338.0	42,500 *				165
170	35.8	309.0	28,900 *	41.5	320.6	32,500 *	49.7	333.8	39,900 *	56.8	341.1	49,700 *	170
175	32.8	301.5	27,400 *	38.9	314.6	30,700 *	47.4	329.3	37,500 *	54.7	337.7	46,400 *	175
180	29.5	293.1	26,000 *	36.1	308.0	29,100 *	45.1	324.5	35,300 *	52.6	333.9	43,500 *	180
185	25.8	283.4	24,700 *	33.1	300.6	27,500 *	42.6	319.2	33,300 *	50.5	329.9	40,800 *	185
190	21.5	271.7	23,400 *	29.8	292.3	26,100 *	40.0	313.4	31,500 *	48.2	325.6	38,300 *	190
195	16.2	256.7	22,200 *	26.1	282.7	24,800 *	37.3	307.1	29,800 *	45.9	320.8	36,100 *	195
200	7.7	232.1	19,800 *	21.9	271.3	23,500 *	34.4	300.0	28,200 *	43.5	315.7	34,100 *	200
205				16.7	256.7	22,400 *	31.3	292.2	26,800 *	41.0	310.1	32,200 *	205
210				8.9	233.9	20,900 *	27.8	283.2	25,400 *	38.3	304.0	30,400 *	210
215							23.9	272.7	24,100 *	35.5	297.2	28,800 *	215
220							19.2	259.7	22,900 *	32.4	289.7	27,300 *	220
225							12.9	241.8	21,700 *	29.1	281.1	25,900 *	225
230										25.4	271.2	24,600 *	230
235										21.0	259.3	23,300 *	235
240										15.5	243.7	22,200 *	240
245										6.1	216.4	21,000 *	245



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled 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	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	69.7	379.0	69,200 *										95
100	68.0	377.0	66,700 *										100
105	66.3	374.8	64,200 *										105
110	64.5	372.5	61,700 *										110
115	62.7	370.0	57,400 *	66.4	373.4	64,000 *							115
120	60.9	367.3	53,200 *	64.7	371.1	61,700 *							120
125	59.1	364.3	49,500 *	62.9	368.6	57,800 *							125
130	57.2	361.2	46,200 *	61.1	365.9	53,600 *							130
135	55.3	357.8	43,200 *	59.2	363.0	49,900 *							135
140	53.3	354.1	40,500 *	57.4	359.8	46,500 *							140
145	51.3	350.2	38,000 *	55.4	356.5	43,500 *	61.9	363.2	55,400 *				145
150	49.2	346.0	35,800 *	53.5	352.8	40,700 *	60.1	360.3	51,500 *				150
155	47.0	341.4	33,700 *	51.5	348.9	38,200 *	58.2	357.3	48,000 *				155
160	44.8	336.5	31,800 *	49.4	344.7	36,000 *	56.3	354.0	44,800 *				160
165	42.5	331.2	30,000 *	47.2	340.2	33,900 *	54.3	350.5	41,900 *				165
170	40.0	325.4	28,400 *	45.0	335.3	32,000 *	52.4	346.7	39,300 *				170
175	37.5	319.1	26,900 *	42.7	330.1	30,200 *	50.3	342.7	37,000 *	57.0	349.8	45,900 *	175
180	34.8	312.1	25,500 *	40.3	324.3	28,500 *	48.2	338.3	34,800 *	55.0	346.4	42,900 *	180
185	31.8	304.4	24,100 *	37.7	318.1	27,000 *	46.0	333.6	32,800 *	53.1	342.7	40,300 *	185
190	28.6	295.7	22,900 *	35.0	311.2	25,600 *	43.7	328.5	31,000 *	51.0	338.8	37,800 *	190
195	25.0	285.6	21,700 *	32.1	303.5	24,300 *	41.4	323.0	29,300 *	49.0	334.5	35,600 *	195
200	20.9	273.5	20,600 *	28.9	294.9	23,000 *	38.9	317.0	27,700 *	46.8	329.9	33,500 *	200
205	15.7	258.1	19,600 *	25.4	285.0	21,800 *	36.2	310.3	26,200 *	44.6	325.0	31,600 *	205
210	7.5	232.8	17,400 *	21.3	273.1	20,700 *	33.4	303.0	24,900 *	42.2	319.6	29,900 *	210
215				16.2	258.1	19,700 *	30.4	294.9	23,600 *	39.8	313.8	28,300 *	215
220				8.6	234.6	18,400 *	27.0	285.6	22,400 *	37.2	307.4	26,800 *	220
225							23.2	274.7	21,200 *	34.4	300.3	25,400 *	225
230							18.6	261.3	20,200 *	31.5	292.5	24,000 *	230
235							12.6	242.9	19,200 *	28.2	283.6	22,800 *	235
240										24.6	273.4	21,700 *	240
245										20.4	261.1	20,600 *	245
250										15.0	245.0	19,500 *	250
255										5.9	216.8	18,500 *	255



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

200 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	70.8	389.6	64,400 *										95
100	69.2	387.8	62,300 *										100
105	67.6	385.7	60,000 *										105
110	65.9	383.6	57,600 *										110
115	64.3	381.2	55,200 *	67.7	384.3	59,700 *							115
120	62.6	378.6	52,700 *	66.1	382.1	57,600 *							120
125	60.9	375.9	49,000 *	64.4	379.8	55,300 *							125
130	59.1	373.0	45,700 *	62.7	377.3	53,000 *							130
135	57.3	369.8	42,700 *	61.0	374.5	49,400 *							135
140	55.5	366.5	40,000 *	59.3	371.6	46,000 *							140
145	53.7	362.9	37,500 *	57.5	368.5	43,000 *							145
150	51.8	359.0	35,300 *	55.7	365.2	40,200 *	61.8	371.8	51,000 *				150
155	49.8	354.9	33,200 *	53.8	361.6	37,700 *	60.1	369.0	47,500 *				155
160	47.8	350.4	31,300 *	51.9	357.7	35,500 *	58.3	366.0	44,300 *				160
165	45.7	345.7	29,500 *	50.0	353.6	33,400 *	56.5	362.7	41,400 *				165
170	43.5	340.5	27,900 *	48.0	349.2	31,500 *	54.7	359.2	38,800 *				170
175	41.3	335.0	26,400 *	45.9	344.5	29,700 *	52.8	355.5	36,500 *				175
180	38.9	328.9	25,000 *	43.7	339.4	28,000 *	50.8	351.5	34,300 *	57.1	358.5	42,400 *	180
185	36.4	322.4	23,600 *	41.5	333.9	26,500 *	48.9	347.3	32,300 *	55.3	355.1	39,800 *	185
190	33.8	315.2	22,400 *	39.1	327.9	25,100 *	46.8	342.7	30,500 *	53.5	351.5	37,300 *	190
195	30.9	307.2	21,200 *	36.7	321.4	23,800 *	44.7	337.7	28,800 *	51.5	347.6	35,100 *	195
200	27.8	298.1	20,100 *	34.0	314.2	22,500 *	42.5	332.4	27,200 *	49.6	343.4	33,000 *	200
205	24.3	287.7	19,100 *	31.2	306.3	21,400 *	40.2	326.6	25,700 *	47.6	338.9	31,100 *	205
210	20.3	275.3	18,100 *	28.1	297.4	20,300 *	37.8	320.4	24,400 *	45.5	334.1	29,400 *	210
215	15.3	259.4	17,200 *	24.7	287.1	19,200 *	35.2	313.5	23,100 *	43.3	329.0	27,800 *	215
220	7.3	233.4	15,200 *	20.7	275.0	18,200 *	32.5	306.0	21,900 *	41.0	323.4	26,300 *	220
225				15.8	259.4	17,300 *	29.5	297.5	20,700 *	38.7	317.3	24,900 *	225
230				8.4	235.3	16,200 *	26.3	287.9	19,700 *	36.2	310.6	23,500 *	230
235							22.5	276.7	18,700 *	33.5	303.4	22,300 *	235
240							18.1	262.9	17,700 *	30.6	295.2	21,200 *	240
245							12.2	244.0	16,800 *	27.5	286.1	20,100 *	245
250										23.9	275.5	19,100 *	250
255										19.8	262.8	18,100 *	255
260										14.6	246.3	17,200 *	260
265										5.7	217.3	16,300 *	265



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

200 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
100	70.3	398.4	56,000 *										100
105	68.8	396.5	53,800 *										105
110	67.2	394.5	51,600 *										110
115	65.7	392.3	49,300 *										115
120	64.1	389.9	47,000 *	67.4	393.0	51,500 *							120
125	62.5	387.3	44,900 *	65.8	390.8	49,400 *							125
130	60.8	384.6	42,700 *	64.2	388.5	47,200 *							130
135	59.2	381.6	40,700 *	62.6	385.9	45,000 *							135
140	57.5	378.5	38,700 *	61.0	383.2	43,000 *							140
145	55.7	375.2	36,700 *	59.3	380.3	40,900 *							145
150	54.0	371.6	34,900 *	57.6	377.2	38,900 *							150
155	52.2	367.8	33,000 *	55.9	373.9	37,000 *	61.7	380.5	43,400 *				155
160	50.3	363.7	31,100 *	54.2	370.3	35,200 *	60.0	377.7	41,500 *				160
165	48.4	359.4	29,300 *	52.4	366.5	33,200 *	58.4	374.6	39,600 *				165
170	46.5	354.7	27,600 *	50.5	362.5	31,300 *	56.7	371.4	37,700 *				170
175	44.5	349.8	26,100 *	48.6	358.2	29,500 *	54.9	368.0	35,900 *				175
180	42.4	344.4	24,600 *	46.7	353.6	27,800 *	53.2	364.3	34,200 *				180
185	40.2	338.6	23,300 *	44.7	348.6	26,200 *	51.3	360.4	32,100 *	57.3	367.2	37,900 *	185
190	37.9	332.4	22,100 *	42.6	343.3	24,800 *	49.5	356.2	30,300 *	55.6	363.8	36,200 *	190
195	35.5	325.6	20,900 *	40.4	337.6	23,400 *	47.5	351.7	28,500 *	53.8	360.2	34,600 *	195
200	32.9	318.1	19,800 *	38.1	331.4	22,200 *	45.6	346.9	26,900 *	52.0	356.4	32,900 *	200
205	30.1	309.8	18,700 *	35.7	324.6	21,000 *	43.5	341.7	25,400 *	50.1	352.3	30,900 *	205
210	27.1	300.5	17,700 *	33.1	317.2	19,900 *	41.4	336.2	24,000 *	48.2	347.9	29,200 *	210
215	23.7	289.8	16,800 *	30.4	309.0	18,800 *	39.1	330.2	22,700 *	46.3	343.2	27,500 *	215
220	19.8	277.1	15,800 *	27.4	299.8	17,800 *	36.8	323.7	21,500 *	44.2	338.2	26,000 *	220
225	14.9	260.7	14,900 *	24.0	289.3	16,900 *	34.3	316.6	20,400 *	42.1	332.8	24,500 *	225
230	7.1	234.0	13,300 *	20.2	276.7	16,000 *	31.6	308.8	19,300 *	39.9	327.0	23,200 *	230
235				15.4	260.8	15,200 *	28.7	300.1	18,300 *	37.6	320.7	22,000 *	235
240				8.1	236.0	14,100 *	25.6	290.2	17,300 *	35.2	313.8	20,800 *	240
245							22.0	278.6	16,400 *	32.6	306.3	19,700 *	245
250							17.7	264.4	15,600 *	29.8	297.9	18,700 *	250
255							11.9	245.0	14,700 *	26.7	288.5	17,700 *	255
260										23.3	277.6	16,800 *	260
265										19.3	264.5	15,900 *	265
270										14.2	247.5	15,000 *	270
275										5.6	217.8	14,200 *	275



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

220 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	64.6	293.1	173,200 *b										65
70	59.9	290.4	147,100 *b										70
75	55.0	287.0	127,500 *b	66.0	292.0	179,600 *b							75
80	49.8	283.0	112,300 *	61.3	289.5	154,100 *b							80
85	44.1	278.2	100,200 *	56.5	286.3	132,900 *b							85
90	37.7	272.2	90,200 *	51.4	282.5	116,500 *b							90
95	30.1	264.4	81,900 *	45.8	278.0	103,600 *							95
100	20.1	253.2	74,900 *	39.7	272.3	93,000 *	60.3	284.5	146,700 *b				100
105				32.6	265.2	84,300 *	55.4	281.2	129,000 *b				105
110				23.5	255.4	76,900 *	50.2	277.3	113,500 *				110
115				6.5	235.3	70,500 *	44.5	272.5	101,100 *				115
120							38.2	266.6	91,000 *				120
125							30.8	259.1	82,600 *	53.8	274.2	108,200 b	125
130							21.0	248.3	75,500 *	48.5	270.0	103,300	130
135										42.7	264.9	97,800 *	135
140										36.1	258.6	88,300 *	140
145										28.1	250.3	80,300 *	145
150										16.9	237.6	73,500 *	150

220 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	68.0	304.1	163,700 *b										65
70	64.0	301.8	148,000 *b										70
75	59.9	299.0	128,200 *b										75
80	55.7	295.8	112,900 *	65.2	300.7	155,100 *b							80
85	51.1	291.9	100,600 *	61.2	298.1	133,600 *b							85
90	46.3	287.4	90,600 *	57.0	295.0	117,100 *							90
95	41.0	282.0	82,200 *	52.5	291.4	104,100 *							95
100	35.1	275.4	75,200 *	47.8	287.0	93,400 *							100
105	28.1	266.9	69,100 *	42.7	281.9	84,600 *	60.3	293.2	129,700 *b				105
110	18.7	254.8	63,800 *	37.0	275.7	77,200 *	56.0	289.9	114,100 *				110
115				30.3	267.9	70,800 *	51.5	286.2	101,600 *				115
120				21.9	257.3	65,300 *	46.7	281.7	91,400 *				120
125				6.0	235.7	60,400 *	41.5	276.4	82,900 *				125
130							35.6	269.9	75,700 *	54.7	282.9	102,600	130
135							28.7	261.6	69,600 *	50.1	278.9	98,100	135
140							19.6	250.0	64,200 *	45.1	274.2	88,600 *	140
145										39.7	268.6	80,600 *	145
150										33.6	261.6	73,800 *	150
155										26.2	252.6	67,900 *	155
160										15.8	238.9	62,800 *	160



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

220 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
65	70.5	314.9	150,800 *b										65
70	67.1	312.8	144,900 *b										70
75	63.6	310.5	128,800 *b										75
80	59.9	307.7	113,300 *										80
85	56.2	304.5	101,000 *	64.7	309.4	134,200 *b							85
90	52.2	300.7	90,900 *	61.0	306.8	117,600 *							90
95	48.0	296.4	82,400 *	57.3	303.7	104,400 *							95
100	43.5	291.4	75,300 *	53.4	300.1	93,700 *							100
105	38.5	285.5	69,200 *	49.3	296.0	84,800 *							105
110	33.0	278.4	63,900 *	44.9	291.2	77,400 *	60.2	301.8	114,500 *				110
115	26.4	269.3	59,300 *	40.1	285.6	71,000 *	56.5	298.6	101,900 *				115
120	17.6	256.4	55,200 *	34.7	278.9	65,500 *	52.5	295.0	91,700 *				120
125				28.5	270.5	60,600 *	48.3	290.7	83,100 *				125
130				20.6	259.1	56,400 *	43.9	285.8	75,900 *				130
135				5.6	236.1	52,500 *	39.0	279.9	69,700 *	55.3	291.6	97,600	135
140							33.5	272.9	64,400 *	51.3	287.8	88,900 *	140
145							27.0	264.0	59,700 *	47.0	283.3	80,800 *	145
150							18.4	251.6	55,500 *	42.4	278.1	73,900 *	150
155										37.3	272.0	68,000 *	155
160										31.6	264.4	62,900 *	160
165										24.6	254.8	58,400 *	165
170										14.8	240.2	54,400 *	170



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

220 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	69.5	323.7	132,800 *b										70
75	66.4	321.6	127,900 *b										75
80	63.2	319.1	114,100 *										80
85	59.9	316.3	101,500 *	67.4	320.4	129,200 *b							85
90	56.6	313.2	91,300 *	64.2	318.1	118,500 *							90
95	53.0	309.5	82,700 *	60.9	315.4	105,000 *							95
100	49.3	305.4	75,500 *	57.6	312.4	94,200 *							100
105	45.4	300.7	69,300 *	54.1	308.9	85,100 *							105
110	41.1	295.2	64,000 *	50.4	304.9	77,600 *							110
115	36.5	288.8	59,300 *	46.6	300.4	71,100 *	60.2	310.5	102,500 *				115
120	31.2	281.2	55,100 *	42.4	295.1	65,500 *	56.8	307.3	92,100 *				120
125	25.0	271.5	51,400 *	37.9	289.1	60,600 *	53.3	303.7	83,400 *				125
130	16.6	257.8	48,100 *	32.9	281.8	56,300 *	49.6	299.7	76,100 *				130
135				27.0	272.9	52,500 *	45.7	295.0	69,800 *				135
140				19.5	260.8	49,100 *	41.5	289.6	64,400 *	55.8	300.3	89,300 *	140
145				5.3	236.5	46,000 *	36.9	283.3	59,700 *	52.2	296.6	81,100 *	145
150							31.7	275.7	55,500 *	48.4	292.3	74,100 *	150
155							25.5	266.3	51,800 *	44.4	287.5	68,100 *	155
160							17.4	253.1	48,400 *	40.1	281.8	62,900 *	160
165										35.3	275.2	58,400 *	165
170										29.9	267.1	54,300 *	170
175										23.3	256.8	50,700 *	175
180										14.0	241.4	47,500 *	180



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

220 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	68.7	332.4	122,500 *										75
80	65.8	330.3	116,700 *										80
85	62.9	327.8	103,800 *										85
90	60.0	325.0	93,300 *	66.7	329.2	119,500 *							90
95	56.9	321.9	84,500 *	63.8	326.8	107,400 *							95
100	53.7	318.3	77,100 *	60.9	324.1	96,200 *							100
105	50.3	314.3	70,800 *	57.8	321.0	87,000 *							105
110	46.8	309.8	65,300 *	54.6	317.6	79,200 *							110
115	43.1	304.7	60,500 *	51.4	313.8	72,600 *							115
120	39.1	298.8	56,300 *	47.9	309.4	66,900 *	60.2	319.1	94,100 *				120
125	34.7	292.0	52,600 *	44.2	304.5	61,900 *	57.1	316.0	85,200 *				125
130	29.7	283.8	49,200 *	40.3	298.8	57,500 *	53.9	312.5	77,700 *				130
135	23.8	273.6	46,100 *	36.0	292.3	53,600 *	50.6	308.5	71,300 *				135
140	15.8	259.1	43,400 *	31.3	284.6	50,200 *	47.1	304.1	65,800 *				140
145				25.7	275.1	47,000 *	43.4	299.0	60,900 *	56.2	309.0	82,800 *	145
150				18.5	262.4	44,200 *	39.4	293.2	56,700 *	52.9	305.4	75,700 *	150
155				5.0	236.9	40,600 *	35.0	286.5	52,900 *	49.6	301.3	69,600 *	155
160							30.1	278.4	49,500 *	46.0	296.6	64,300 *	160
165							24.3	268.4	46,400 *	42.2	291.3	59,600 *	165
170							16.6	254.5	43,600 *	38.1	285.3	55,500 *	170
175										33.6	278.2	51,800 *	175
180										28.4	269.7	48,500 *	180
185										22.2	258.8	45,600 *	185
190										13.3	242.5	42,900 *	190



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

220 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	70.5	343.1	112,600 *										75
80	68.0	341.2	109,200 *										80
85	65.4	339.0	104,400 *										85
90	62.7	336.5	93,700 *										90
95	60.0	333.7	84,800 *	66.2	337.9	106,600 *							95
100	57.1	330.5	77,300 *	63.5	335.5	96,700 *							100
105	54.2	327.0	70,900 *	60.8	332.8	87,300 *							105
110	51.2	323.1	65,300 *	58.0	329.7	79,400 *							110
115	48.0	318.8	60,500 *	55.1	326.3	72,700 *							115
120	44.7	313.9	56,200 *	52.1	322.6	66,900 *	62.9	330.6	94,500 *				120
125	41.2	308.4	52,400 *	49.0	318.4	61,900 *	60.2	327.8	85,500 *				125
130	37.3	302.2	49,000 *	45.7	313.7	57,400 *	57.4	324.7	77,900 *				130
135	33.1	294.9	45,900 *	42.2	308.4	53,500 *	54.5	321.2	71,400 *				135
140	28.4	286.3	43,200 *	38.5	302.4	50,000 *	51.5	317.4	65,800 *				140
145	22.7	275.6	40,600 *	34.4	295.4	46,800 *	48.3	313.1	60,900 *				145
150	15.1	260.4	38,300 *	29.9	287.3	44,000 *	45.0	308.2	56,600 *	56.5	317.7	75,800 *	150
155				24.5	277.3	41,400 *	41.5	302.8	52,700 *	53.5	314.1	69,600 *	155
160				17.7	263.9	39,000 *	37.7	296.6	49,300 *	50.5	310.2	64,200 *	160
165				4.7	237.3	36,000 *	33.5	289.5	46,200 *	47.3	305.7	59,500 *	165
170							28.8	281.0	43,400 *	43.9	300.7	55,400 *	170
175							23.2	270.4	40,900 *	40.3	295.0	51,600 *	175
180							15.8	255.9	38,500 *	36.4	288.6	48,300 *	180
185										32.1	281.1	45,300 *	185
190										27.2	272.1	42,600 *	190
195										21.2	260.6	40,200 *	195
200										12.7	243.6	37,900 *	200



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

220 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	69.8	352.0	102,300 *										80
85	67.4	349.9	99,300 *										85
90	65.0	347.7	93,700 *										90
95	62.5	345.1	84,700 *										95
100	60.0	342.3	77,200 *	65.7	346.6	96,700 *							100
105	57.4	339.2	70,800 *	63.2	344.1	87,300 *							105
110	54.7	335.8	65,200 *	60.7	341.4	79,400 *							110
115	51.9	332.0	60,300 *	58.2	338.4	72,600 *							115
120	49.0	327.8	56,100 *	55.5	335.1	66,800 *							120
125	46.0	323.1	52,300 *	52.8	331.4	61,800 *	62.7	339.3	85,500 *				125
130	42.8	317.9	48,900 *	49.9	327.3	57,300 *	60.2	336.5	77,800 *				130
135	39.5	312.1	45,800 *	46.9	322.8	53,400 *	57.6	333.4	71,300 *				135
140	35.8	305.4	43,000 *	43.8	317.7	49,800 *	54.9	330.0	65,700 *				140
145	31.8	297.8	40,500 *	40.5	312.1	46,700 *	52.1	326.2	60,800 *				145
150	27.2	288.7	38,200 *	36.9	305.7	43,800 *	49.3	322.0	56,400 *				150
155	21.8	277.5	36,100 *	33.0	298.4	41,200 *	46.3	317.4	52,600 *	56.8	326.4	69,500 *	155
160	14.5	261.7	34,100 *	28.7	289.9	38,900 *	43.1	312.2	49,200 *	54.1	322.9	64,100 *	160
165				23.5	279.4	36,700 *	39.7	306.4	46,100 *	51.3	319.0	59,400 *	165
170				17.0	265.4	34,700 *	36.1	299.9	43,300 *	48.4	314.7	55,200 *	170
175				4.5	237.6	32,100 *	32.1	292.4	40,700 *	45.3	309.9	51,500 *	175
180							27.6	283.4	38,400 *	42.1	304.6	48,200 *	180
185							22.3	272.4	36,300 *	38.6	298.6	45,200 *	185
190							15.2	257.2	34,300 *	34.9	291.7	42,500 *	190
195										30.8	283.8	40,000 *	195
200										26.1	274.4	37,800 *	200
205										20.3	262.4	35,700 *	205
210										12.2	244.6	33,800 *	210



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

220 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	69.1	360.7	92,700 *										85
90	66.9	358.7	90,100 *										90
95	64.6	356.4	84,300 *										95
100	62.3	353.8	76,800 *	67.5	357.5	90,300 *							100
105	60.0	351.0	70,300 *	65.3	355.3	86,900 *							105
110	57.6	347.9	64,800 *	63.0	352.8	78,900 *							110
115	55.1	344.5	59,900 *	60.7	350.1	72,200 *							115
120	52.5	340.8	55,600 *	58.3	347.1	66,400 *							120
125	49.9	336.7	51,800 *	55.8	343.8	61,300 *							125
130	47.1	332.2	48,400 *	53.3	340.1	56,900 *	62.5	347.9	77,400 *				130
135	44.2	327.2	45,300 *	50.7	336.1	52,900 *	60.2	345.1	70,900 *				135
140	41.2	321.7	42,600 *	48.0	331.8	49,400 *	57.8	342.1	65,200 *				140
145	37.9	315.5	40,000 *	45.1	326.9	46,200 *	55.3	338.7	60,300 *				145
150	34.4	308.5	37,700 *	42.1	321.6	43,400 *	52.7	335.0	56,000 *				150
155	30.6	300.5	35,600 *	38.9	315.6	40,800 *	50.1	330.9	52,100 *				155
160	26.2	291.1	33,700 *	35.5	308.9	38,400 *	47.4	326.4	48,700 *	57.0	335.1	63,700 *	160
165	21.0	279.3	31,900 *	31.8	301.3	36,300 *	44.5	321.5	45,600 *	54.5	331.6	58,900 *	165
170	13.9	262.9	30,200 *	27.6	292.3	34,300 *	41.4	316.0	42,800 *	51.9	327.8	54,800 *	170
175				22.7	281.4	32,400 *	38.2	309.9	40,300 *	49.3	323.6	51,100 *	175
180				16.4	266.8	30,700 *	34.7	303.0	38,000 *	46.5	319.0	47,700 *	180
185				4.3	237.9	28,600 *	30.9	295.1	35,800 *	43.6	313.9	44,700 *	185
190							26.6	285.8	33,900 *	40.5	308.3	42,000 *	190
195							21.4	274.3	32,100 *	37.2	302.0	39,600 *	195
200							14.6	258.4	30,400 *	33.6	294.8	37,300 *	200
205										29.6	286.5	35,200 *	205
210										25.1	276.6	33,300 *	210
215										19.6	264.1	31,500 *	215
220										11.7	245.6	29,900 *	220



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

220 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	70.5	371.4	87,300 *										85
90	68.5	369.5	85,000 *										90
95	66.4	367.4	82,900 *										95
100	64.3	365.0	78,400 *										100
105	62.2	362.5	71,700 *	67.0	366.3	83,000 *							105
110	60.0	359.6	66,000 *	64.9	364.0	80,600 *							110
115	57.7	356.6	61,000 *	62.8	361.5	73,700 *							115
120	55.4	353.2	56,500 *	60.6	358.7	67,600 *							120
125	53.1	349.5	52,600 *	58.4	355.7	62,400 *							125
130	50.6	345.5	49,100 *	56.1	352.5	57,800 *							130
135	48.1	341.2	46,000 *	53.8	348.9	53,800 *	62.3	356.6	72,300 *				135
140	45.4	336.4	43,100 *	51.3	345.0	50,100 *	60.1	353.8	66,500 *				140
145	42.7	331.1	40,500 *	48.8	340.7	46,900 *	57.9	350.7	61,400 *				145
150	39.7	325.3	38,200 *	46.2	336.1	44,000 *	55.6	347.4	56,900 *				150
155	36.6	318.8	36,000 *	43.5	331.0	41,300 *	53.2	343.7	53,000 *				155
160	33.2	311.5	34,100 *	40.6	325.3	38,900 *	50.8	339.8	49,400 *				160
165	29.5	303.2	32,200 *	37.6	319.1	36,700 *	48.3	335.4	46,300 *	57.2	343.8	60,000 *	165
170	25.3	293.3	30,500 *	34.3	312.0	34,600 *	45.6	330.7	43,400 *	54.9	340.4	55,700 *	170
175	20.2	281.1	28,900 *	30.7	304.0	32,800 *	42.9	325.5	40,800 *	52.5	336.6	51,900 *	175
180	13.4	264.0	27,400 *	26.6	294.7	31,000 *	40.0	319.7	38,400 *	50.0	332.5	48,400 *	180
185				21.9	283.3	29,400 *	36.9	313.3	36,200 *	47.5	328.1	45,400 *	185
190				15.8	268.2	27,900 *	33.5	306.1	34,200 *	44.8	323.2	42,600 *	190
195				4.2	238.3	24,700 *	29.8	297.8	32,400 *	42.0	317.8	40,000 *	195
200							25.6	288.1	30,700 *	39.0	311.8	37,700 *	200
205							20.7	276.1	29,100 *	35.9	305.2	35,600 *	205
210							14.1	259.6	27,600 *	32.4	297.7	33,700 *	210
215										28.6	289.0	31,900 *	215
220										24.2	278.7	30,200 *	220
225										18.9	265.7	28,600 *	225
230										11.3	246.6	27,200 *	230



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

220 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	69.9	380.2	79,500 *										90
95	68.0	378.3	77,500 *										95
100	66.0	376.1	75,600 *										100
105	64.0	373.7	71,200 *										105
110	62.0	371.1	65,500 *	66.6	375.0	75,600 *							110
115	60.0	368.3	60,400 *	64.6	372.7	73,100 *							115
120	57.9	365.2	56,000 *	62.6	370.1	67,100 *							120
125	55.7	361.9	52,100 *	60.6	367.4	61,900 *							125
130	53.5	358.3	48,600 *	58.5	364.4	57,300 *							130
135	51.2	354.4	45,400 *	56.4	361.1	53,200 *							135
140	48.9	350.1	42,600 *	54.2	357.6	49,600 *	62.2	365.3	65,900 *				140
145	46.4	345.5	40,000 *	51.9	353.8	46,400 *	60.1	362.4	60,900 *				145
150	43.9	340.4	37,700 *	49.6	349.6	43,400 *	58.0	359.4	56,400 *				150
155	41.2	334.9	35,500 *	47.2	345.1	40,800 *	55.9	356.1	52,400 *				155
160	38.4	328.8	33,500 *	44.7	340.2	38,400 *	53.7	352.5	48,900 *				160
165	35.4	322.0	31,700 *	42.0	334.8	36,100 *	51.4	348.6	45,700 *				165
170	32.1	314.4	30,000 *	39.3	328.9	34,100 *	49.1	344.4	42,900 *	57.4	352.5	55,100 *	170
175	28.5	305.7	28,400 *	36.3	322.3	32,200 *	46.6	339.8	40,300 *	55.2	349.1	51,300 *	175
180	24.4	295.5	27,000 *	33.1	315.0	30,500 *	44.1	334.8	37,900 *	53.0	345.4	47,900 *	180
185	19.6	282.8	25,600 *	29.6	306.7	28,900 *	41.4	329.3	35,700 *	50.7	341.4	44,800 *	185
190	13.0	265.1	24,300 *	25.7	296.9	27,400 *	38.6	323.2	33,700 *	48.3	337.1	42,000 *	190
195				21.1	285.1	26,000 *	35.6	316.5	31,900 *	45.9	332.3	39,500 *	195
200				15.3	269.5	24,700 *	32.4	309.0	30,200 *	43.3	327.2	37,200 *	200
205				4.0	238.6	21,900 *	28.8	300.4	28,600 *	40.6	321.5	35,100 *	205
210							24.8	290.3	27,100 *	37.7	315.3	33,100 *	210
215							20.0	277.8	25,700 *	34.7	308.3	31,300 *	215
220							13.6	260.8	24,400 *	31.3	300.5	29,700 *	220
225										27.6	291.5	28,100 *	225
230										23.4	280.8	26,700 *	230
235										18.3	267.3	25,300 *	235
240										10.9	247.5	24,000 *	240



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

220 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	69.3	389.0	72,900 *										95
100	67.5	387.0	71,100 *										100
105	65.7	384.8	69,000 *										105
110	63.8	382.4	65,200 *										110
115	61.9	379.8	60,200 *	66.2	383.7	69,200 *							115
120	60.0	377.0	55,700 *	64.4	381.4	66,800 *							120
125	58.0	373.9	51,800 *	62.5	378.8	61,600 *							125
130	56.0	370.6	48,300 *	60.6	376.1	57,000 *							130
135	53.9	367.0	45,100 *	58.6	373.1	52,900 *							135
140	51.8	363.2	42,300 *	56.6	369.8	49,300 *							140
145	49.6	359.0	39,700 *	54.5	366.3	46,100 *	62.1	373.9	60,600 *				145
150	47.3	354.5	37,400 *	52.4	362.6	43,100 *	60.1	371.1	56,100 *				150
155	45.0	349.7	35,200 *	50.2	358.5	40,500 *	58.2	368.1	52,100 *				155
160	42.5	344.3	33,200 *	48.0	354.1	38,100 *	56.1	364.8	48,600 *				160
165	39.9	338.6	31,400 *	45.7	349.4	35,800 *	54.1	361.2	45,400 *				165
170	37.2	332.2	29,700 *	43.3	344.2	33,800 *	52.0	357.4	42,600 *				170
175	34.3	325.1	28,100 *	40.7	338.6	31,900 *	49.8	353.3	40,000 *	57.5	361.1	51,000 *	175
180	31.1	317.2	26,700 *	38.0	332.4	30,200 *	47.5	348.8	37,600 *	55.5	357.8	47,600 *	180
185	27.6	308.2	25,300 *	35.2	325.5	28,600 *	45.2	344.0	35,400 *	53.4	354.1	44,500 *	185
190	23.7	297.6	24,000 *	32.1	317.9	27,100 *	42.7	338.7	33,400 *	51.3	350.2	41,700 *	190
195	19.0	284.5	22,800 *	28.7	309.2	25,700 *	40.1	332.9	31,600 *	49.1	346.0	39,200 *	195
200	12.6	266.2	21,700 *	24.9	299.1	24,400 *	37.4	326.6	29,900 *	46.8	341.4	36,900 *	200
205				20.5	286.9	23,200 *	34.5	319.6	28,300 *	44.4	336.4	34,800 *	205
210				14.8	270.8	22,000 *	31.4	311.8	26,800 *	41.9	331.0	32,800 *	210
215				3.9	238.9	19,500 *	27.9	302.8	25,400 *	39.3	325.1	31,000 *	215
220							24.0	292.4	24,100 *	36.5	318.6	29,400 *	220
225							19.4	279.5	22,900 *	33.6	311.4	27,800 *	225
230							13.2	261.9	21,800 *	30.4	303.2	26,400 *	230
235										26.8	293.9	25,000 *	235
240										22.7	282.8	23,800 *	240
245										17.7	268.9	22,600 *	245
250										10.6	248.4	21,500 *	250



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

220 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	70.5	399.7	68,100 *										95
100	68.8	397.8	66,400 *										100
105	67.1	395.8	64,100 *										105
110	65.4	393.5	61,800 *										110
115	63.6	391.1	59,500 *	67.6	394.6	64,200 *							115
120	61.8	388.5	55,200 *	65.9	392.4	62,000 *							120
125	60.0	385.6	51,300 *	64.1	390.0	59,900 *							125
130	58.1	382.6	47,800 *	62.3	387.5	56,500 *							130
135	56.2	379.3	44,600 *	60.5	384.7	52,400 *							135
140	54.3	375.8	41,800 *	58.7	381.7	48,800 *							140
145	52.3	372.0	39,200 *	56.8	378.5	45,500 *							145
150	50.2	367.9	36,800 *	54.8	375.1	42,600 *	61.9	382.6	55,600 *				150
155	48.1	363.5	34,700 *	52.9	371.4	39,900 *	60.1	379.8	51,600 *				155
160	45.9	358.8	32,700 *	50.8	367.4	37,500 *	58.3	376.7	48,100 *				160
165	43.6	353.7	30,900 *	48.7	363.1	35,300 *	56.4	373.5	44,900 *				165
170	41.2	348.1	29,200 *	46.6	358.5	33,300 *	54.4	370.0	42,000 *				170
175	38.7	342.1	27,600 *	44.3	353.5	31,400 *	52.4	366.2	39,400 *				175
180	36.1	335.5	26,100 *	42.0	348.1	29,700 *	50.4	362.2	37,000 *	57.7	369.8	47,100 *	180
185	33.3	328.1	24,800 *	39.5	342.2	28,100 *	48.3	357.8	34,900 *	55.8	366.5	44,000 *	185
190	30.2	319.9	23,500 *	36.9	335.7	26,600 *	46.1	353.1	32,900 *	53.8	362.9	41,200 *	190
195	26.8	310.5	22,300 *	34.1	328.6	25,200 *	43.8	348.0	31,000 *	51.8	359.0	38,700 *	195
200	23.0	299.6	21,200 *	31.2	320.7	23,900 *	41.4	342.5	29,300 *	49.7	354.9	36,400 *	200
205	18.4	286.1	20,100 *	27.9	311.7	22,700 *	39.0	336.5	27,700 *	47.6	350.4	34,300 *	205
210	12.2	267.3	19,100 *	24.2	301.3	21,500 *	36.3	329.9	26,300 *	45.4	345.6	32,300 *	210
215				19.9	288.7	20,400 *	33.5	322.6	24,900 *	43.1	340.4	30,500 *	215
220				14.4	272.0	19,400 *	30.5	314.5	23,600 *	40.7	334.8	28,800 *	220
225				3.8	239.2	17,100 *	27.1	305.2	22,400 *	38.2	328.6	27,300 *	225
230							23.3	294.4	21,300 *	35.5	321.8	25,900 *	230
235							18.8	281.2	20,200 *	32.6	314.3	24,500 *	235
240							12.8	263.0	19,200 *	29.5	305.8	23,300 *	240
245										26.0	296.2	22,100 *	245
250										22.0	284.7	21,000 *	250
255										17.2	270.4	19,900 *	255
260										10.3	249.3	18,900 *	260



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

220 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
100	70.0	408.5	61,800 *										100
105	68.4	406.6	59,800 *										105
110	66.7	404.5	57,700 *										110
115	65.1	402.2	55,600 *										115
120	63.4	399.8	53,300 *	67.2	403.4	57,800 *							120
125	61.7	397.1	50,800 *	65.6	401.1	55,800 *							125
130	60.0	394.3	47,300 *	63.9	398.7	53,700 *							130
135	58.2	391.2	44,100 *	62.2	396.1	51,600 *							135
140	56.4	388.0	41,300 *	60.5	393.4	48,300 *							140
145	54.6	384.5	38,700 *	58.7	390.4	45,000 *							145
150	52.7	380.8	36,300 *	57.0	387.2	42,100 *							150
155	50.8	376.8	34,200 *	55.1	383.8	39,500 *	61.8	391.2	50,300 *				155
160	48.8	372.5	32,200 *	53.3	380.1	37,000 *	60.1	388.4	47,600 *				160
165	46.7	367.9	30,400 *	51.3	376.2	34,800 *	58.4	385.4	44,400 *				165
170	44.6	362.9	28,700 *	49.4	372.0	32,800 *	56.6	382.2	41,500 *				170
175	42.4	357.6	27,100 *	47.3	367.5	30,900 *	54.7	378.7	38,900 *				175
180	40.1	351.8	25,600 *	45.2	362.7	29,200 *	52.8	375.0	36,500 *				180
185	37.7	345.5	24,300 *	43.1	357.4	27,600 *	50.9	371.0	34,400 *	57.8	378.5	43,500 *	185
190	35.1	338.6	23,000 *	40.8	351.8	26,100 *	48.9	366.7	32,400 *	56.0	375.2	40,700 *	190
195	32.4	331.0	21,800 *	38.4	345.7	24,700 *	46.9	362.2	30,500 *	54.1	371.6	38,200 *	195
200	29.4	322.5	20,700 *	35.9	339.0	23,400 *	44.8	357.2	28,800 *	52.3	367.8	35,900 *	200
205	26.1	312.9	19,600 *	33.2	331.6	22,200 *	42.6	351.9	27,300 *	50.3	363.8	33,800 *	205
210	22.4	301.5	18,600 *	30.3	323.4	21,000 *	40.3	346.2	25,800 *	48.3	359.4	31,800 *	210
215	17.9	287.6	17,700 *	27.1	314.1	19,900 *	37.9	339.9	24,400 *	46.2	354.7	30,000 *	215
220	11.9	268.3	16,800 *	23.5	303.4	18,900 *	35.3	333.1	23,100 *	44.1	349.7	28,300 *	220
225				19.3	290.4	18,000 *	32.6	325.6	21,900 *	41.9	344.3	26,800 *	225
230				14.0	273.2	17,000 *	29.6	317.1	20,800 *	39.5	338.4	25,400 *	230
235				3.6	239.4	15,000 *	26.4	307.6	19,700 *	37.1	332.0	24,000 *	235
240							22.7	296.4	18,700 *	34.5	324.9	22,800 *	240
245							18.3	282.8	17,800 *	31.7	317.1	21,600 *	245
250							12.5	264.1	16,900 *	28.7	308.4	20,500 *	250
255										25.3	298.4	19,400 *	255
260										21.4	286.6	18,400 *	260
265										16.7	271.8	17,500 *	265
270										10.0	250.1	16,600 *	270



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

220 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
105	69.5	417.3	53,800 *										105
110	68.0	415.4	51,800 *										110
115	66.4	413.2	49,700 *										115
120	64.8	410.9	47,600 *										120
125	63.2	408.4	45,500 *	66.9	412.1	49,900 *							125
130	61.6	405.8	43,400 *	65.3	409.8	48,000 *							130
135	60.0	402.9	41,400 *	63.7	407.4	46,000 *							135
140	58.3	399.9	39,400 *	62.1	404.8	43,900 *							140
145	56.6	396.7	37,500 *	60.5	402.0	42,000 *							145
150	54.9	393.2	35,700 *	58.8	399.1	40,000 *							150
155	53.1	389.5	33,900 *	57.1	395.9	38,100 *							155
160	51.2	385.6	32,000 *	55.4	392.5	36,300 *	61.8	399.9	42,900 *				160
165	49.4	381.4	30,100 *	53.6	388.9	34,500 *	60.1	397.1	41,100 *				165
170	47.5	376.9	28,400 *	51.8	385.0	32,600 *	58.4	394.1	39,400 *				170
175	45.5	372.1	26,800 *	49.9	380.9	30,700 *	56.7	390.8	37,600 *				175
180	43.4	366.9	25,300 *	48.0	376.5	28,900 *	55.0	387.4	35,800 *				180
185	41.3	361.4	24,000 *	46.1	371.8	27,300 *	53.2	383.7	34,100 *				185
190	39.0	355.4	22,700 *	44.0	366.7	25,800 *	51.4	379.8	32,200 *	57.9	387.2	38,100 *	190
195	36.7	348.8	21,400 *	41.9	361.3	24,400 *	49.5	375.6	30,300 *	56.2	383.9	36,500 *	195
200	34.2	341.7	20,300 *	39.7	355.4	23,000 *	47.6	371.2	28,600 *	54.4	380.4	34,900 *	200
205	31.5	333.8	19,200 *	37.4	349.1	21,800 *	45.6	366.4	27,000 *	52.7	376.6	33,300 *	205
210	28.6	325.1	18,200 *	34.9	342.1	20,600 *	43.6	361.3	25,500 *	50.8	372.6	31,600 *	210
215	25.4	315.1	17,300 *	32.3	334.5	19,600 *	41.4	355.7	24,100 *	48.9	368.4	29,800 *	215
220	21.8	303.5	16,400 *	29.5	326.0	18,500 *	39.2	349.8	22,800 *	47.0	363.8	28,100 *	220
225	17.4	289.1	15,400 *	26.4	316.5	17,600 *	36.9	343.3	21,600 *	45.0	358.9	26,500 *	225
230	11.6	269.3	14,600 *	22.9	305.4	16,600 *	34.4	336.2	20,400 *	42.9	353.6	25,100 *	230
235				18.8	292.0	15,800 *	31.7	328.4	19,300 *	40.8	348.0	23,700 *	235
240				13.6	274.4	14,900 *	28.9	319.7	18,300 *	38.5	341.9	22,400 *	240
245				3.5	239.7	13,100 *	25.7	309.9	17,400 *	36.1	335.2	21,200 *	245
250							22.1	298.4	16,500 *	33.6	327.9	20,100 *	250
255							17.8	284.3	15,600 *	30.9	319.9	19,000 *	255
260							12.1	265.2	14,800 *	27.9	310.9	18,000 *	260
265										24.6	300.6	17,100 *	265
270										20.9	288.4	16,200 *	270
275										16.3	273.2	15,300 *	275
280										9.7	250.9	14,500 *	280



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

240 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	62.2	311.6	155,000 *b										70
75	57.4	308.6	136,400 *b										75
80	52.4	304.9	119,300 *b	64.6	311.0	162,800 *b							80
85	46.9	300.5	105,800 *	59.9	308.3	147,000 *b							85
90	40.9	295.1	94,800 *	55.0	304.9	127,400 *b							90
95	34.0	288.4	85,800 *	49.7	300.9	112,300 *							95
100	25.5	279.2	78,200 *	44.0	296.1	100,100 *							100
105	11.9	263.5	71,700 *	37.6	290.1	90,200 *	60.5	303.9	137,100 *b				105
110				30.1	282.3	81,900 *	55.6	300.7	129,600 *b				110
115				20.0	271.1	74,900 *	50.4	296.8	114,000 *				115
120							44.8	292.0	101,500 *				120
125							38.5	286.2	91,300 *				125
130							31.1	278.7	82,900 *	55.7	294.3	100,700 b	130
135							21.5	268.1	75,700 *	50.5	290.4	96,300	135
140										44.9	285.7	92,300	140
145										38.6	279.9	88,500	145
150										31.3	272.4	83,100 *	150
155										21.7	261.9	75,900 *	155

240 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	66.0	322.8	149,200 *b										70
75	62.0	320.3	137,200 *b										75
80	57.8	317.3	119,900 *b	68.0	322.0	156,200 *b							80
85	53.4	313.7	106,300 *	64.0	319.7	147,900 *b							85
90	48.7	309.5	95,200 *	59.9	316.9	128,200 *b							90
95	43.7	304.6	86,100 *	55.6	313.6	112,800 *							95
100	38.1	298.6	78,500 *	51.1	309.8	100,600 *							100
105	31.7	291.2	71,900 *	46.3	305.3	90,600 *							105
110	23.7	281.3	66,300 *	41.0	299.9	82,200 *	60.4	312.6	129,900 *b				110
115	11.1	264.4	61,300 *	35.1	293.2	75,100 *	56.2	309.4	114,600 *				115
120				28.0	284.8	69,100 *	51.7	305.6	102,000 *				120
125				18.6	272.7	63,800 *	46.9	301.2	91,700 *				125
130							41.7	295.9	83,200 *				130
135							35.8	289.4	76,000 *	56.3	303.0	95,600	135
140							29.0	281.3	69,800 *	51.8	299.3	91,600	140
145							20.0	269.8	64,400 *	47.0	294.8	87,800	145
150										41.8	289.6	83,400 *	150
155										36.0	283.1	76,200 *	155
160										29.2	275.0	70,000 *	160
165										20.3	263.7	64,600 *	165



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

240 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	68.8	333.7	143,000 *b										70
75	65.3	331.5	136,500 *b										75
80	61.7	328.9	121,200 *										80
85	58.0	325.9	107,300 *	67.1	330.7	140,600 *b							85
90	54.1	322.5	96,100 *	63.6	328.4	129,700 *b							90
95	50.1	318.5	86,800 *	59.9	325.6	114,000 *							95
100	45.7	313.8	79,000 *	56.1	322.4	101,500 *							100
105	41.0	308.4	72,400 *	52.2	318.6	91,300 *							105
110	35.8	301.9	66,700 *	48.0	314.3	82,800 *							110
115	29.8	293.9	61,700 *	43.5	309.3	75,600 *	60.4	321.2	115,800 *				115
120	22.3	283.2	57,300 *	38.5	303.4	69,500 *	56.6	318.1	102,900 *				120
125	10.4	265.2	53,400 *	33.0	296.2	64,200 *	52.7	314.4	92,500 *				125
130				26.3	287.1	59,500 *	48.5	310.2	83,800 *				130
135				17.5	274.2	55,300 *	44.0	305.3	76,500 *				135
140							39.1	299.5	70,200 *	56.7	311.7	91,000	140
145							33.7	292.5	64,800 *	52.8	308.1	87,300	145
150							27.2	283.7	60,100 *	48.6	303.8	83,900	150
155							18.8	271.4	55,800 *	44.1	298.9	76,700 *	155
160										39.3	293.2	70,400 *	160
165										33.8	286.2	65,000 *	165
170										27.4	277.5	60,200 *	170
175										19.0	265.3	56,000 *	175



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

240 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	67.9	342.5	127,500 *b										75
80	64.8	340.2	121,300 *										80
85	61.6	337.6	107,300 *										85
90	58.2	334.6	96,000 *	66.4	339.5	125,400 *							90
95	54.8	331.2	86,700 *	63.2	337.0	114,000 *							95
100	51.1	327.3	78,900 *	59.9	334.2	101,500 *							100
105	47.3	322.9	72,200 *	56.5	331.0	91,200 *							105
110	43.2	317.8	66,500 *	53.0	327.4	82,700 *							110
115	38.8	311.9	61,500 *	49.3	323.3	75,500 *							115
120	33.9	304.9	57,100 *	45.3	318.5	69,300 *	60.3	329.9	102,900 *				120
125	28.2	296.4	53,200 *	41.1	313.1	63,900 *	57.0	326.8	92,400 *				125
130	21.1	285.1	49,700 *	36.4	306.7	59,300 *	53.4	323.2	83,700 *				130
135	9.8	266.1	46,500 *	31.2	299.0	55,100 *	49.7	319.1	76,300 *				135
140				24.9	289.3	51,400 *	45.8	314.5	70,000 *				140
145				16.6	275.6	48,100 *	41.6	309.1	64,600 *	57.0	320.4	86,600	145
150							37.0	302.8	59,800 *	53.5	316.8	83,200	150
155							31.9	295.3	55,600 *	49.8	312.8	76,500 *	155
160							25.8	286.0	51,900 *	45.9	308.1	70,200 *	160
165							17.8	273.0	48,500 *	41.7	302.8	64,800 *	165
170										37.1	296.5	60,000 *	170
175										32.0	289.1	55,800 *	175
180										25.9	279.8	52,000 *	180
185										18.0	266.9	48,700 *	185



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

240 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	70.0	353.2	121,300 *b										75
80	67.2	351.2	117,800 *										80
85	64.4	348.9	109,700 *										85
90	61.4	346.3	98,100 *										90
95	58.4	343.3	88,600 *	65.8	348.2	116,100 *							95
100	55.3	339.9	80,600 *	62.9	345.7	103,700 *							100
105	52.0	336.2	73,800 *	59.9	342.9	93,200 *							105
110	48.6	331.9	67,900 *	56.9	339.7	84,500 *							110
115	45.0	327.1	62,800 *	53.7	336.2	77,100 *							115
120	41.1	321.6	58,300 *	50.3	332.2	70,800 *							120
125	36.9	315.3	54,300 *	46.8	327.7	65,300 *	60.3	338.6	94,400 *				125
130	32.2	307.8	50,800 *	43.1	322.5	60,500 *	57.2	335.5	85,500 *				130
135	26.8	298.7	47,600 *	39.1	316.7	56,300 *	54.1	331.9	78,000 *				135
140	20.1	286.8	44,700 *	34.7	309.8	52,500 *	50.7	328.0	71,500 *				140
145	9.3	266.8	41,400 *	29.7	301.7	49,200 *	47.2	323.6	66,000 *				145
150				23.7	291.4	46,100 *	43.5	318.5	61,100 *	57.3	329.1	82,600	150
155				15.7	276.9	43,400 *	39.6	312.7	56,800 *	54.1	325.6	78,200 *	155
160							35.2	306.0	53,000 *	50.8	321.6	71,700 *	160
165							30.3	298.1	49,600 *	47.3	317.2	66,100 *	165
170							24.5	288.1	46,500 *	43.6	312.2	61,200 *	170
175							16.9	274.4	43,700 *	39.7	306.4	56,900 *	175
180										35.3	299.7	53,100 *	180
185										30.4	291.8	49,700 *	185
190										24.7	281.9	46,600 *	190
195										17.1	268.4	43,800 *	195



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbony Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

240 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	69.2	362.0	108,300 *										80
85	66.6	359.9	105,200 *										85
90	64.0	357.6	98,700 *										90
95	61.3	354.9	88,900 *	68.0	359.1	106,400 *							95
100	58.5	352.0	80,800 *	65.3	356.9	103,800 *							100
105	55.7	348.6	73,900 *	62.7	354.4	93,700 *							105
110	52.7	345.0	67,900 *	59.9	351.6	84,800 *							110
115	49.6	340.8	62,700 *	57.1	348.4	77,300 *							115
120	46.4	336.2	58,200 *	54.2	344.9	70,900 *							120
125	42.9	331.1	54,200 *	51.2	341.0	65,300 *							125
130	39.2	325.2	50,600 *	48.0	336.7	60,500 *	60.3	347.2	85,800 *				130
135	35.2	318.5	47,400 *	44.7	331.8	56,200 *	57.5	344.1	78,200 *				135
140	30.8	310.6	44,500 *	41.1	326.3	52,400 *	54.6	340.7	71,600 *				140
145	25.6	301.0	41,800 *	37.3	320.1	49,000 *	51.6	336.8	66,000 *				145
150	19.2	288.5	39,400 *	33.1	312.8	45,900 *	48.4	332.6	61,000 *				150
155	8.9	267.6	36,600 *	28.3	304.2	43,200 *	45.1	327.7	56,700 *	57.5	337.7	78,400 *	155
160				22.7	293.4	40,600 *	41.6	322.3	52,800 *	54.6	334.3	71,800 *	160
165				15.0	278.2	38,300 *	37.8	316.2	49,400 *	51.6	330.5	66,100 *	165
170							33.6	309.1	46,300 *	48.5	326.2	61,200 *	170
175							29.0	300.6	43,500 *	45.2	321.4	56,800 *	175
180							23.4	290.2	41,000 *	41.7	316.0	53,000 *	180
185							16.2	275.8	38,600 *	37.9	309.9	49,500 *	185
190										33.7	302.8	46,400 *	190
195										29.1	294.4	43,600 *	195
200										23.6	284.0	41,000 *	200
205										16.4	269.8	38,700 *	205



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

240 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	70.9	372.7	101,200 *										80
85	68.5	370.8	98,400 *										85
90	66.1	368.7	95,800 *										90
95	63.7	366.3	88,900 *										95
100	61.2	363.6	80,700 *	67.4	367.8	96,800 *							100
105	58.6	360.6	73,800 *	64.9	365.6	93,600 *							105
110	56.0	357.3	67,800 *	62.5	363.0	84,700 *							110
115	53.3	353.7	62,600 *	59.9	360.2	77,200 *							115
120	50.5	349.7	58,100 *	57.3	357.1	70,800 *							120
125	47.5	345.3	54,100 *	54.7	353.7	65,200 *							125
130	44.4	340.3	50,500 *	51.9	349.9	60,300 *	62.8	358.7	85,700 *				130
135	41.1	334.8	47,200 *	49.0	345.6	56,100 *	60.3	355.9	78,100 *				135
140	37.6	328.6	44,300 *	46.0	341.0	52,200 *	57.7	352.8	71,500 *				140
145	33.8	321.5	41,700 *	42.8	335.8	48,800 *	55.0	349.4	65,900 *				145
150	29.5	313.2	39,300 *	39.4	329.9	45,800 *	52.2	345.6	60,900 *				150
155	24.6	303.2	37,100 *	35.8	323.3	43,000 *	49.4	341.5	56,600 *				155
160	18.4	290.1	35,100 *	31.8	315.7	40,500 *	46.4	336.9	52,700 *	57.7	346.4	71,700 *	160
165	8.5	268.3	32,700 *	27.2	306.6	38,200 *	43.2	331.7	49,300 *	55.1	343.0	66,000 *	165
170				21.7	295.3	36,100 *	39.9	326.0	46,200 *	52.3	339.3	61,100 *	170
175				14.4	279.5	34,100 *	36.2	319.5	43,400 *	49.4	335.1	56,700 *	175
180							32.3	312.0	40,800 *	46.5	330.5	52,800 *	180
185							27.8	303.1	38,500 *	43.3	325.4	49,400 *	185
190							22.5	292.2	36,400 *	39.9	319.7	46,300 *	190
195							15.5	277.2	34,400 *	36.3	313.2	43,500 *	195
200										32.4	305.7	40,900 *	200
205										27.9	296.9	38,600 *	205
210										22.6	286.0	36,400 *	210
215										15.7	271.1	34,400 *	215



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

240 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	70.1	381.5	91,800 *										85
90	67.9	379.6	89,400 *										90
95	65.7	377.4	87,000 *										95
100	63.4	374.9	80,300 *										100
105	61.1	372.2	73,400 *	66.9	376.6	87,900 *							105
110	58.7	369.3	67,400 *	64.6	374.3	84,300 *							110
115	56.3	366.0	62,200 *	62.3	371.7	76,800 *							115
120	53.8	362.5	57,600 *	59.9	368.9	70,300 *							120
125	51.2	358.6	53,600 *	57.5	365.8	64,700 *							125
130	48.5	354.3	50,000 *	55.1	362.4	59,900 *							130
135	45.7	349.5	46,800 *	52.5	358.6	55,600 *	62.6	367.3	77,600 *				135
140	42.7	344.3	43,900 *	49.9	354.5	51,800 *	60.2	364.5	71,100 *				140
145	39.6	338.5	41,200 *	47.1	350.0	48,400 *	57.8	361.5	65,400 *				145
150	36.2	331.9	38,800 *	44.2	345.1	45,300 *	55.4	358.1	60,500 *				150
155	32.5	324.4	36,600 *	41.2	339.5	42,500 *	52.8	354.4	56,100 *				155
160	28.4	315.8	34,600 *	37.9	333.4	40,000 *	50.2	350.4	52,300 *				160
165	23.7	305.3	32,700 *	34.4	326.4	37,700 *	47.5	345.9	48,800 *	57.9	355.1	65,600 *	165
170	17.7	291.6	31,000 *	30.5	318.4	35,600 *	44.6	341.0	45,700 *	55.4	351.7	60,600 *	170
175	8.2	268.9	29,000 *	26.2	308.9	33,700 *	41.6	335.6	42,900 *	52.9	348.1	56,200 *	175
180				20.9	297.1	31,900 *	38.3	329.5	40,400 *	50.3	344.0	52,400 *	180
185				13.9	280.7	30,200 *	34.9	322.6	38,000 *	47.5	339.6	48,900 *	185
190							31.0	314.7	35,900 *	44.7	334.7	45,800 *	190
195							26.7	305.5	33,900 *	41.6	329.2	43,000 *	195
200							21.6	294.1	32,100 *	38.4	323.2	40,400 *	200
205							14.9	278.4	30,400 *	34.9	316.3	38,100 *	205
210										31.1	308.5	36,000 *	210
215										26.8	299.3	34,000 *	215
220										21.8	287.9	32,200 *	220
225										15.1	272.4	30,500 *	225



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

240 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	69.5	390.3	84,200 *										90
95	67.4	388.3	82,200 *										95
100	65.3	386.1	80,200 *										100
105	63.2	383.6	74,900 *										105
110	61.0	380.9	68,700 *	66.4	385.3	80,900 *							110
115	58.8	378.0	63,300 *	64.3	382.9	78,400 *							115
120	56.6	374.7	58,600 *	62.1	380.4	71,700 *							120
125	54.2	371.2	54,500 *	60.0	377.5	66,000 *							125
130	51.8	367.4	50,800 *	57.7	374.5	61,000 *							130
135	49.3	363.2	47,500 *	55.4	371.1	56,500 *							135
140	46.7	358.6	44,500 *	53.0	367.4	52,600 *	62.4	376.0	72,500 *				140
145	44.0	353.6	41,800 *	50.6	363.4	49,100 *	60.2	373.2	66,700 *				145
150	41.2	348.1	39,300 *	48.1	359.0	46,000 *	58.0	370.2	61,600 *				150
155	38.1	341.9	37,100 *	45.4	354.3	43,100 *	55.7	366.8	57,100 *				155
160	34.9	335.1	35,000 *	42.6	349.0	40,500 *	53.3	363.2	53,100 *				160
165	31.4	327.2	33,100 *	39.7	343.2	38,200 *	50.9	359.2	49,500 *				165
170	27.4	318.2	31,300 *	36.6	336.7	36,000 *	48.4	354.9	46,400 *				170
175	22.8	307.3	29,700 *	33.2	329.4	34,100 *	45.7	350.2	43,500 *	55.7	360.4	57,200 *	175
180	17.1	293.1	28,200 *	29.5	321.0	32,200 *	43.0	345.0	40,900 *	53.4	356.8	53,200 *	180
185	7.9	269.6	25,000 *	25.2	311.1	30,500 *	40.1	339.2	38,500 *	51.0	352.9	49,600 *	185
190				20.2	298.9	28,900 *	37.0	332.8	36,300 *	48.4	348.6	46,500 *	190
195				13.4	281.8	27,500 *	33.6	325.6	34,300 *	45.8	343.8	43,600 *	195
200							29.9	317.4	32,500 *	43.0	338.6	40,900 *	200
205							25.8	307.8	30,700 *	40.1	332.9	38,600 *	205
210							20.9	295.9	29,200 *	37.0	326.5	36,400 *	210
215							14.4	279.7	27,700 *	33.7	319.4	34,400 *	215
220										30.0	311.2	32,500 *	220
225										25.9	301.5	30,800 *	225
230										21.0	289.7	29,200 *	230
235										14.6	273.7	27,700 *	235



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

240 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	70.8	401.0	78,600 *										90
95	68.9	399.1	76,800 *										95
100	67.0	397.0	75,000 *										100
105	65.0	394.8	73,200 *										105
110	63.0	392.3	68,200 *	68.0	396.2	75,300 *							110
115	61.0	389.6	62,800 *	66.0	394.0	73,800 *							115
120	58.9	386.6	58,100 *	64.0	391.6	71,200 *							120
125	56.8	383.4	53,900 *	62.0	389.0	65,500 *							125
130	54.6	379.9	50,200 *	60.0	386.2	60,400 *							130
135	52.3	376.2	46,900 *	57.9	383.1	56,000 *							135
140	50.0	372.1	43,900 *	55.7	379.8	52,100 *							140
145	47.6	367.6	41,200 *	53.5	376.2	48,600 *	62.3	384.7	66,100 *				145
150	45.1	362.8	38,800 *	51.2	372.3	45,400 *	60.2	381.9	61,000 *				150
155	42.5	357.5	36,500 *	48.9	368.0	42,600 *	58.1	378.8	56,500 *				155
160	39.8	351.7	34,500 *	46.4	363.4	40,000 *	56.0	375.5	52,600 *				160
165	36.9	345.3	32,600 *	43.9	358.3	37,700 *	53.8	371.9	49,000 *				165
170	33.7	338.1	30,800 *	41.2	352.8	35,500 *	51.5	368.1	45,800 *				170
175	30.3	330.0	29,200 *	38.4	346.7	33,500 *	49.2	363.8	42,900 *				175
180	26.5	320.5	27,700 *	35.4	339.9	31,700 *	46.7	359.3	40,300 *	56.0	369.1	52,700 *	180
185	22.1	309.2	26,200 *	32.1	332.3	30,000 *	44.2	354.3	38,000 *	53.8	365.6	49,100 *	185
190	16.5	294.6	24,900 *	28.5	323.6	28,400 *	41.5	348.8	35,800 *	51.6	361.7	45,900 *	190
195	7.6	270.2	22,100 *	24.4	313.3	27,000 *	38.7	342.8	33,800 *	49.2	357.5	43,000 *	195
200				19.5	300.6	25,600 *	35.7	336.1	31,900 *	46.8	352.9	40,400 *	200
205				12.9	282.9	24,300 *	32.5	328.6	30,200 *	44.3	347.9	38,000 *	205
210							29.0	320.0	28,600 *	41.6	342.5	35,800 *	210
215							24.9	310.0	27,200 *	38.8	336.4	33,800 *	215
220							20.2	297.7	25,800 *	35.8	329.8	32,000 *	220
225							13.9	280.9	24,500 *	32.6	322.3	30,300 *	225
230										29.1	313.8	28,700 *	230
235										25.1	303.8	27,200 *	235
240										20.3	291.5	25,800 *	240
245										14.1	274.9	24,500 *	245



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

240 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	70.2	409.8	72,000 *										95
100	68.4	407.9	70,400 *										100
105	66.6	405.8	68,800 *										105
110	64.7	403.5	66,900 *										110
115	62.8	400.9	62,500 *	67.5	404.9	69,000 *							115
120	60.9	398.2	57,800 *	65.7	402.7	67,600 *							120
125	59.0	395.3	53,700 *	63.8	400.3	65,200 *							125
130	57.0	392.1	50,000 *	61.9	397.7	60,100 *							130
135	54.9	388.7	46,600 *	60.0	394.9	55,700 *							135
140	52.8	385.0	43,700 *	58.0	391.8	51,800 *							140
145	50.7	381.0	40,900 *	56.0	388.5	48,300 *							145
150	48.4	376.6	38,500 *	53.9	384.9	45,100 *	62.1	393.3	60,700 *				150
155	46.1	371.9	36,200 *	51.8	381.1	42,300 *	60.2	390.5	56,300 *				155
160	43.7	366.8	34,200 *	49.6	376.9	39,700 *	58.2	387.5	52,300 *				160
165	41.2	361.3	32,300 *	47.3	372.4	37,400 *	56.2	384.2	48,700 *				165
170	38.5	355.2	30,500 *	45.0	367.5	35,200 *	54.1	380.7	45,500 *				170
175	35.7	348.5	28,900 *	42.5	362.2	33,200 *	52.0	376.9	42,700 *				175
180	32.7	341.0	27,400 *	39.9	356.4	31,400 *	49.8	372.7	40,000 *				180
185	29.4	332.6	25,900 *	37.2	350.1	29,700 *	47.6	368.3	37,700 *	56.3	377.8	48,800 *	185
190	25.7	322.8	24,600 *	34.3	343.0	28,100 *	45.2	363.5	35,500 *	54.2	374.3	45,600 *	190
195	21.4	311.1	23,400 *	31.1	335.1	26,700 *	42.8	358.2	33,500 *	52.1	370.5	42,700 *	195
200	16.0	295.9	22,200 *	27.6	326.0	25,300 *	40.2	352.5	31,600 *	49.9	366.4	40,100 *	200
205	7.4	270.8	19,700 *	23.7	315.4	24,000 *	37.5	346.2	29,900 *	47.6	361.9	37,700 *	205
210				18.9	302.3	22,800 *	34.6	339.2	28,300 *	45.3	357.1	35,500 *	210
215				12.5	284.0	21,700 *	31.5	331.4	26,900 *	42.9	351.9	33,500 *	215
220							28.1	322.5	25,500 *	40.3	346.1	31,700 *	220
225							24.2	312.1	24,200 *	37.6	339.9	30,000 *	225
230							19.6	299.4	23,000 *	34.7	332.9	28,400 *	230
235							13.5	282.0	21,800 *	31.6	325.1	26,900 *	235
240										28.2	316.3	25,500 *	240
245										24.3	305.9	24,200 *	245
250										19.7	293.2	23,000 *	250
255										13.7	276.1	21,900 *	255



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

240 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
100	69.7	418.6	65,800 *										100
105	68.0	416.6	64,200 *										105
110	66.2	414.5	62,000 *										110
115	64.5	412.1	59,900 *										115
120	62.7	409.6	57,300 *	67.1	413.7	62,600 *							120
125	60.9	406.9	53,100 *	65.4	411.4	60,600 *							125
130	59.0	403.9	49,400 *	63.6	409.0	58,600 *							130
135	57.1	400.8	46,100 *	61.8	406.4	55,200 *							135
140	55.2	397.4	43,100 *	60.0	403.5	51,300 *							140
145	53.2	393.7	40,400 *	58.1	400.5	47,800 *							145
150	51.2	389.8	37,900 *	56.2	397.2	44,600 *							150
155	49.1	385.6	35,700 *	54.2	393.7	41,800 *	62.0	402.0	55,600 *				155
160	47.0	381.0	33,600 *	52.2	389.9	39,200 *	60.2	399.2	51,700 *				160
165	44.7	376.1	31,700 *	50.2	385.8	36,800 *	58.3	396.2	48,200 *				165
170	42.4	370.7	30,000 *	48.1	381.4	34,700 *	56.4	392.9	45,000 *				170
175	40.0	365.0	28,300 *	45.9	376.7	32,700 *	54.5	389.4	42,100 *				175
180	37.4	358.6	26,800 *	43.6	371.6	30,900 *	52.5	385.7	39,500 *				180
185	34.7	351.6	25,400 *	41.2	366.0	29,200 *	50.4	381.6	37,100 *				185
190	31.7	343.9	24,100 *	38.7	360.0	27,600 *	48.3	377.3	34,900 *	56.5	386.5	45,100 *	190
195	28.5	335.1	22,900 *	36.1	353.3	26,100 *	46.2	372.6	32,900 *	54.5	383.0	42,200 *	195
200	24.9	325.0	21,700 *	33.3	346.0	24,800 *	43.9	367.5	31,100 *	52.5	379.3	39,600 *	200
205	20.8	312.9	20,600 *	30.2	337.8	23,500 *	41.5	362.0	29,400 *	50.5	375.3	37,200 *	205
210	15.5	297.3	19,600 *	26.8	328.4	22,300 *	39.0	356.0	27,800 *	48.4	370.9	35,000 *	210
215	7.2	271.4	17,300 *	23.0	317.4	21,200 *	36.4	349.5	26,300 *	46.2	366.2	33,000 *	215
220				18.4	303.9	20,100 *	33.6	342.2	24,900 *	43.9	361.2	31,200 *	220
225				12.2	285.0	19,100 *	30.6	334.1	23,700 *	41.6	355.7	29,400 *	225
230							27.2	324.9	22,500 *	39.1	349.7	27,900 *	230
235							23.5	314.2	21,300 *	36.5	343.2	26,400 *	235
240							19.0	301.0	20,200 *	33.7	335.9	25,000 *	240
245							13.1	283.2	19,200 *	30.7	327.9	23,700 *	245
250										27.3	318.7	22,500 *	250
255										23.6	308.0	21,400 *	255
260										19.1	294.9	20,300 *	260
265										13.3	277.2	19,300 *	265



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

240 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
100	70.8	429.3	60,000 *										100
105	69.2	427.4	58,200 *										105
110	67.5	425.4	56,300 *										110
115	65.9	423.2	54,300 *										115
120	64.2	420.8	52,200 *										120
125	62.5	418.3	50,100 *	66.7	422.4	54,900 *							125
130	60.8	415.5	48,100 *	65.1	420.1	53,100 *							130
135	59.1	412.6	46,100 *	63.4	417.7	51,100 *							135
140	57.3	409.5	43,200 *	61.7	415.0	49,100 *							140
145	55.5	406.1	40,500 *	60.0	412.2	47,200 *							145
150	53.6	402.5	37,900 *	58.2	409.1	44,800 *							150
155	51.7	398.6	35,600 *	56.4	405.9	41,900 *							155
160	49.7	394.5	33,500 *	54.6	402.4	39,200 *	61.9	410.7	48,500 *				160
165	47.7	390.0	31,600 *	52.7	398.7	36,800 *	60.2	407.8	46,800 *				165
170	45.6	385.2	29,800 *	50.7	394.7	34,600 *	58.4	404.8	45,100 *				170
175	43.5	380.1	28,100 *	48.8	390.4	32,600 *	56.6	401.6	42,200 *				175
180	41.2	374.5	26,600 *	46.7	385.8	30,700 *	54.8	398.1	39,500 *				180
185	38.9	368.5	25,200 *	44.6	380.8	29,000 *	52.9	394.4	37,100 *				185
190	36.4	361.9	23,800 *	42.4	375.5	27,400 *	51.0	390.5	34,900 *				190
195	33.7	354.7	22,600 *	40.1	369.7	25,900 *	49.0	386.2	32,800 *	56.7	395.2	42,300 *	195
200	30.9	346.6	21,400 *	37.6	363.4	24,500 *	47.0	381.6	30,900 *	54.8	391.8	39,600 *	200
205	27.7	337.6	20,300 *	35.1	356.5	23,200 *	44.8	376.7	29,200 *	53.0	388.1	37,200 *	205
210	24.3	327.2	19,200 *	32.3	348.9	22,000 *	42.7	371.4	27,600 *	51.0	384.1	34,900 *	210
215	20.2	314.7	18,300 *	29.4	340.4	20,900 *	40.4	365.7	26,100 *	49.1	379.8	32,900 *	215
220	15.1	298.6	17,300 *	26.1	330.7	19,800 *	38.0	359.5	24,700 *	47.0	375.3	31,000 *	220
225	7.0	272.0	15,200 *	22.3	319.4	18,800 *	35.4	352.7	23,400 *	44.9	370.4	29,300 *	225
230				17.9	305.4	17,800 *	32.7	345.2	22,200 *	42.7	365.1	27,600 *	230
235				11.8	286.1	16,900 *	29.7	336.8	21,000 *	40.4	359.4	26,100 *	235
240							26.5	327.3	19,900 *	38.0	353.2	24,700 *	240
245							22.8	316.2	18,900 *	35.5	346.4	23,400 *	245
250							18.5	302.6	17,900 *	32.7	338.9	22,200 *	250
255							12.7	284.2	17,000 *	29.8	330.5	21,100 *	255
260										26.6	321.0	20,000 *	260
265										22.9	310.0	18,900 *	265
270										18.6	296.5	18,000 *	270
275										12.9	278.3	17,100 *	275



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

240 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
105	70.3	438.1	53,800 *										105
110	68.7	436.2	52,000 *										110
115	67.2	434.1	50,100 *										115
120	65.6	431.9	48,100 *										120
125	64.0	429.5	46,100 *	68.0	433.3	50,600 *							125
130	62.4	427.0	44,100 *	66.4	431.1	48,800 *							130
135	60.8	424.2	42,100 *	64.8	428.8	47,000 *							135
140	59.1	421.3	40,200 *	63.2	426.3	45,000 *							140
145	57.4	418.1	38,300 *	61.6	423.7	43,100 *							145
150	55.7	414.8	36,400 *	60.0	420.8	41,200 *							150
155	53.9	411.2	34,600 *	58.3	417.8	39,300 *							155
160	52.1	407.4	32,900 *	56.6	414.6	37,500 *							160
165	50.3	403.3	31,000 *	54.8	411.1	35,700 *	61.8	419.3	42,600 *				165
170	48.4	399.0	29,200 *	53.1	407.4	33,900 *	60.2	416.5	40,900 *				170
175	46.4	394.3	27,600 *	51.2	403.5	32,000 *	58.5	413.5	39,200 *				175
180	44.4	389.3	26,000 *	49.4	399.3	30,100 *	56.8	410.3	37,500 *				180
185	42.3	384.0	24,600 *	47.4	394.8	28,400 *	55.1	406.9	35,800 *				185
190	40.1	378.2	23,300 *	45.5	390.0	26,800 *	53.3	403.2	34,100 *				190
195	37.8	371.9	22,000 *	43.4	384.8	25,300 *	51.5	399.3	32,300 *				195
200	35.4	365.1	20,800 *	41.2	379.2	24,000 *	49.6	395.1	30,400 *	56.8	403.9	36,900 *	200
205	32.8	357.6	19,700 *	39.0	373.2	22,700 *	47.7	390.7	28,600 *	55.1	400.5	35,400 *	205
210	30.1	349.3	18,700 *	36.7	366.7	21,400 *	45.7	385.9	27,000 *	53.3	396.8	33,800 *	210
215	27.0	340.0	17,700 *	34.2	359.6	20,300 *	43.6	380.8	25,500 *	51.5	392.9	32,300 *	215
220	23.6	329.2	16,800 *	31.5	351.7	19,200 *	41.5	375.2	24,100 *	49.6	388.8	30,500 *	220
225	19.7	316.4	15,900 *	28.6	342.9	18,200 *	39.3	369.3	22,800 *	47.7	384.3	28,700 *	225
230	14.7	299.9	15,000 *	25.4	333.0	17,300 *	36.9	362.8	21,600 *	45.7	379.5	27,100 *	230
235	6.8	272.6	13,200 *	21.8	321.3	16,400 *	34.5	355.8	20,500 *	43.7	374.4	25,600 *	235
240				17.4	306.9	15,500 *	31.8	348.0	19,400 *	41.6	368.9	24,200 *	240
245				11.5	287.0	14,700 *	29.0	339.4	18,400 *	39.3	363.0	22,900 *	245
250							25.8	329.6	17,400 *	37.0	356.5	21,700 *	250
255							22.2	318.1	16,500 *	34.5	349.5	20,500 *	255
260							18.0	304.2	15,600 *	31.9	341.7	19,400 *	260
265							12.4	285.3	14,800 *	29.0	333.1	18,400 *	265
270										25.9	323.3	17,400 *	270
275										22.3	312.0	16,500 *	275
280										18.1	298.1	15,700 *	280
285										12.6	279.4	14,800 *	285



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

260 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	64.5	332.8	141,700 *b										70
75	59.8	330.0	134,200 *b										75
80	54.9	326.7	127,400 *b										80
85	49.6	322.6	112,700 *	63.2	329.9	143,800 *b							85
90	43.9	317.8	100,500 *	58.4	327.0	136,500 *b							90
95	37.5	311.7	90,500 *	53.4	323.5	123,300 *b							95
100	29.9	303.9	82,100 *	48.1	319.2	109,000 *							100
105	19.7	292.6	75,100 *	42.2	314.1	97,400 *							105
110				35.5	307.6	88,000 *	60.6	323.4	128,000 *b				110
115				27.4	299.1	80,000 *	55.8	320.1	122,000 b				115
120				15.7	285.7	73,200 *	50.6	316.2	115,200 *				120
125							45.0	311.5	102,500 *				125
130							38.7	305.7	92,200 *				130
135							31.4	298.3	83,600 *	57.5	314.4	93,500 b	135
140							21.9	287.9	76,300 *	52.5	310.7	89,600 b	140
145										47.0	306.3	86,000	145
150										41.0	301.0	82,600	150
155										34.1	294.2	79,400	155
160										25.7	285.1	76,400	160
165										12.3	269.7	72,200 *	165



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

260 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	67.9	343.8	136,200 *b										70
75	63.9	341.4	129,400 *b										75
80	59.8	338.7	123,100 *b										80
85	55.5	335.4	113,300 *	66.8	341.0	138,200 *b							85
90	51.0	331.5	100,900 *	62.8	338.6	131,700 *b							90
95	46.2	327.0	90,800 *	58.6	335.7	124,000 *b							95
100	40.9	321.5	82,400 *	54.3	332.2	109,500 *							100
105	34.9	314.9	75,300 *	49.7	328.2	97,900 *							105
110	27.9	306.4	69,200 *	44.7	323.4	88,300 *							110
115	18.4	294.2	63,900 *	39.3	317.7	80,300 *	60.6	332.0	121,200 b				115
120				33.1	310.6	73,500 *	56.3	328.8	115,300				120
125				25.5	301.3	67,600 *	51.8	325.1	103,000 *				125
130				14.6	286.9	62,500 *	47.1	320.7	92,500 *				130
135							41.9	315.4	83,900 *				135
140							36.0	309.0	76,600 *	57.9	323.0	88,900	140
145							29.2	300.9	70,300 *	53.5	319.5	85,200	145
150							20.4	289.6	64,800 *	48.8	315.3	81,900	150
155										43.8	310.4	78,700	155
160										38.2	304.5	75,800	160
165										31.8	297.1	72,500 *	165
170										23.9	287.2	66,700 *	170
175										11.5	270.6	61,700 *	175



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

260 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
70	70.5	354.5	131,100 *b										70
75	67.0	352.5	125,000 *b										75
80	63.5	350.1	119,200 *b										80
85	59.9	347.3	113,700 *										85
90	56.1	344.1	101,300 *	66.0	349.7	127,000 *b							90
95	52.1	340.3	91,100 *	62.5	347.2	121,500 *							95
100	47.9	336.0	82,600 *	58.8	344.3	109,900 *							100
105	43.4	331.0	75,500 *	54.9	341.0	98,200 *							105
110	38.4	325.0	69,400 *	50.9	337.1	88,600 *							110
115	32.8	317.9	64,000 *	46.6	332.6	80,500 *							115
120	26.2	308.7	59,400 *	42.0	327.3	73,700 *	60.5	340.7	114,800				120
125	17.3	295.6	55,200 *	36.9	321.0	67,800 *	56.7	337.5	103,400 *				125
130				31.1	313.4	62,700 *	52.8	333.9	92,800 *				130
135				24.0	303.4	58,200 *	48.6	329.7	84,100 *				135
140				13.7	288.1	54,200 *	44.2	324.8	76,700 *				140
145							39.3	319.0	70,400 *				145
150							33.9	312.1	65,000 *	54.2	328.3	81,400	150
155							27.5	303.4	60,200 *	50.2	324.3	78,300	155
160							19.2	291.3	56,000 *	45.8	319.6	75,300	160
165										41.1	314.2	72,600 *	165
170										35.9	307.7	66,900 *	170
175										29.9	299.7	61,900 *	175
180										22.5	289.2	57,500 *	180
185										10.8	271.5	53,500 *	185



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

260 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	69.4	363.3	120,300 *b										75
80	66.3	361.2	115,000 *b										80
85	63.1	358.8	110,000 *										85
90	59.9	356.0	102,100 *										90
95	56.5	352.8	91,700 *	65.4	358.4	117,100 *							95
100	52.9	349.1	83,100 *	62.2	355.9	111,000 *							100
105	49.2	345.0	75,800 *	58.9	353.0	99,000 *							105
110	45.2	340.2	69,600 *	55.5	349.7	89,200 *							110
115	41.0	334.8	64,200 *	51.9	345.9	80,900 *							115
120	36.3	328.3	59,500 *	48.1	341.6	74,000 *							120
125	31.1	320.6	55,300 *	44.1	336.7	68,000 *	60.5	349.3	104,300 *				125
130	24.8	310.9	51,600 *	39.7	330.9	62,800 *	57.1	346.2	93,500 *				130
135	16.3	297.0	48,300 *	34.9	324.2	58,300 *	53.6	342.7	84,600 *				135
140				29.4	316.0	54,200 *	49.9	338.6	77,100 *				140
145				22.7	305.4	50,600 *	46.0	334.0	70,700 *				145
150				12.9	289.2	47,400 *	41.8	328.6	65,200 *				150
155							37.2	322.4	60,300 *	54.8	337.0	77,500	155
160							32.1	314.9	56,100 *	51.2	333.1	74,600	160
165							26.0	305.7	52,300 *	47.4	328.7	71,900	165
170							18.1	292.9	48,900 *	43.3	323.6	67,100 *	170
175										38.9	317.7	62,000 *	175
180										34.0	310.8	57,600 *	180
185										28.3	302.3	53,600 *	185
190										21.3	291.1	50,100 *	190
195										10.2	272.4	46,900 *	195



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

260 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	68.6	372.1	110,900 *										80
85	65.8	369.9	106,300 *										85
90	62.9	367.4	102,000 *										90
95	59.9	364.6	93,800 *	67.8	369.4	112,400 *							95
100	56.8	361.5	84,900 *	64.9	367.1	108,500 *							100
105	53.6	357.9	77,500 *	62.0	364.6	101,200 *							105
110	50.3	353.9	71,100 *	59.0	361.7	91,100 *							110
115	46.7	349.4	65,600 *	55.9	358.4	82,700 *							115
120	43.0	344.2	60,800 *	52.7	354.7	75,600 *							120
125	39.0	338.3	56,500 *	49.3	350.6	69,500 *							125
130	34.6	331.5	52,700 *	45.7	345.9	64,200 *	60.4	358.0	95,600 *				130
135	29.6	323.3	49,300 *	41.9	340.5	59,500 *	57.3	354.9	86,400 *				135
140	23.6	313.0	46,300 *	37.8	334.4	55,400 *	54.2	351.4	78,800 *				140
145	15.5	298.4	43,500 *	33.2	327.2	51,700 *	50.9	347.5	72,200 *				145
150				28.0	318.5	48,400 *	47.4	343.0	66,500 *				150
155				21.6	307.3	45,500 *	43.7	338.0	61,600 *				155
160				12.3	290.2	42,800 *	39.7	332.3	57,300 *	55.3	345.7	74,000	160
165							35.4	325.6	53,400 *	52.1	341.9	71,400	165
170							30.5	317.7	49,900 *	48.6	337.7	68,500 *	170
175							24.7	307.8	46,800 *	45.0	332.9	63,300 *	175
180							17.2	294.3	44,000 *	41.2	327.4	58,800 *	180
185										37.0	321.1	54,700 *	185
190										32.3	313.7	51,200 *	190
195										26.9	304.7	47,900 *	195
200										20.2	292.8	45,000 *	200
205										9.7	273.2	42,300 *	205



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

260 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	70.5	382.8	105,400 *										80
85	67.9	380.8	102,500 *										85
90	65.3	378.6	98,600 *										90
95	62.6	376.1	93,500 *										95
100	59.9	373.3	84,600 *	67.2	378.1	101,700 *							100
105	57.1	370.2	77,100 *	64.5	375.8	99,400 *							105
110	54.2	366.7	70,700 *	61.9	373.2	90,800 *							110
115	51.1	362.7	65,200 *	59.1	370.3	82,400 *							115
120	48.0	358.4	60,300 *	56.2	367.1	75,200 *							120
125	44.6	353.5	56,100 *	53.3	363.5	69,100 *							125
130	41.1	348.0	52,300 *	50.2	359.5	63,800 *							130
135	37.2	341.7	48,900 *	47.0	355.0	59,100 *	60.4	366.6	86,100 *				135
140	33.0	334.4	45,900 *	43.6	349.9	55,000 *	57.6	363.6	78,400 *				140
145	28.2	325.8	43,100 *	40.0	344.2	51,300 *	54.7	360.1	71,800 *				145
150	22.6	315.0	40,600 *	36.1	337.7	48,000 *	51.7	356.3	66,200 *				150
155	14.9	299.7	38,300 *	31.7	330.0	45,100 *	48.5	352.0	61,200 *				155
160				26.7	320.9	42,400 *	45.2	347.2	56,800 *				160
165				20.6	309.1	39,900 *	41.7	341.9	53,000 *	55.7	354.4	70,700	165
170				11.7	291.2	37,600 *	37.9	335.7	49,500 *	52.8	350.7	68,100 *	170
175							33.8	328.6	46,400 *	49.7	346.6	62,900 *	175
180							29.1	320.3	43,600 *	46.4	342.0	58,400 *	180
185							23.6	309.9	41,000 *	43.0	336.9	54,300 *	185
190							16.5	295.8	38,700 *	39.3	331.0	50,700 *	190
195										35.3	324.3	47,500 *	195
200										30.9	316.5	44,600 *	200
205										25.7	306.9	42,000 *	205
210										19.3	294.5	39,500 *	210
215										9.2	273.9	37,300 *	215



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

260 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	69.7	391.6	96,000 *										85
90	67.3	389.6	93,700 *										90
95	64.9	387.3	91,400 *										95
100	62.4	384.8	84,500 *										100
105	59.9	382.0	77,000 *	66.6	386.9	92,600 *							105
110	57.3	378.8	70,600 *	64.2	384.5	90,600 *							110
115	54.6	375.4	65,100 *	61.7	381.9	82,300 *							115
120	51.8	371.6	60,200 *	59.2	379.0	75,100 *							120
125	49.0	367.4	56,000 *	56.5	375.8	69,000 *							125
130	45.9	362.7	52,200 *	53.8	372.2	63,600 *							130
135	42.8	357.5	48,800 *	51.0	368.3	59,000 *	62.9	378.1	86,000 *				135
140	39.4	351.6	45,700 *	48.1	364.0	54,800 *	60.3	375.3	78,300 *				140
145	35.7	345.0	43,000 *	45.1	359.1	51,200 *	57.8	372.2	71,700 *				145
150	31.7	337.3	40,400 *	41.8	353.7	47,900 *	55.1	368.9	66,100 *				150
155	27.1	328.2	38,100 *	38.4	347.7	44,900 *	52.3	365.1	61,100 *				155
160	21.6	316.9	36,000 *	34.6	340.8	42,200 *	49.5	361.0	56,700 *				160
165	14.2	300.9	34,100 *	30.4	332.8	39,800 *	46.5	356.4	52,800 *				165
170				25.6	323.1	37,500 *	43.3	351.2	49,400 *	56.1	363.1	67,900	170
175				19.8	310.9	35,500 *	40.0	345.5	46,300 *	53.3	359.5	62,800 *	175
180				11.3	292.1	33,500 *	36.4	339.0	43,500 *	50.5	355.5	58,200 *	180
185							32.4	331.6	40,900 *	47.6	351.1	54,200 *	185
190							28.0	322.8	38,600 *	44.5	346.1	50,600 *	190
195							22.7	311.9	36,400 *	41.2	340.6	47,400 *	195
200							15.8	297.1	34,400 *	37.7	334.4	44,500 *	200
205										33.9	327.4	41,800 *	205
210										29.6	319.1	39,400 *	210
215										24.7	309.1	37,200 *	215
220										18.6	296.1	35,200 *	220
225										8.8	274.7	33,300 *	225



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

260 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	69.0	400.4	86,200 *										90
95	66.8	398.3	84,100 *										95
100	64.6	396.0	82,000 *										100
105	62.3	393.4	77,500 *										105
110	59.9	390.6	70,900 *	66.2	395.6	83,100 *							110
115	57.5	387.5	65,300 *	63.9	393.2	81,300 *							115
120	55.0	384.1	60,300 *	61.6	390.6	75,500 *							120
125	52.5	380.4	56,000 *	59.2	387.7	69,300 *							125
130	49.8	376.3	52,100 *	56.8	384.5	63,800 *							130
135	47.1	371.7	48,700 *	54.3	381.0	59,000 *							135
140	44.2	366.8	45,600 *	51.7	377.1	54,800 *	62.7	386.7	78,700 *				140
145	41.1	361.2	42,800 *	49.0	372.9	51,100 *	60.3	384.0	72,100 *				145
150	37.9	355.0	40,200 *	46.2	368.3	47,800 *	57.9	380.9	66,300 *				150
155	34.3	348.1	37,900 *	43.3	363.1	44,800 *	55.5	377.6	61,200 *				155
160	30.5	340.0	35,800 *	40.2	357.4	42,000 *	52.9	373.9	56,800 *				160
165	26.1	330.5	33,800 *	36.9	351.0	39,600 *	50.3	369.8	52,800 *				165
170	20.8	318.7	32,000 *	33.3	343.8	37,300 *	47.6	365.4	49,300 *				170
175	13.7	302.0	30,300 *	29.3	335.4	35,200 *	44.7	360.5	46,100 *	56.3	371.8	63,000 *	175
180				24.7	325.3	33,300 *	41.7	355.1	43,300 *	53.8	368.2	58,300 *	180
185				19.1	312.5	31,500 *	38.5	349.0	40,700 *	51.2	364.3	54,200 *	185
190				10.8	293.1	29,900 *	35.0	342.2	38,300 *	48.5	360.1	50,500 *	190
195							31.2	334.4	36,200 *	45.7	355.3	47,300 *	195
200							26.9	325.2	34,200 *	42.8	350.1	44,300 *	200
205							21.8	313.8	32,400 *	39.6	344.3	41,600 *	205
210							15.2	298.4	30,600 *	36.3	337.7	39,200 *	210
215										32.6	330.3	37,000 *	215
220										28.5	321.6	34,900 *	220
225										23.8	311.2	33,000 *	225
230										17.9	297.7	31,300 *	230
235										8.5	275.4	29,600 *	235



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

260 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	70.5	411.1	81,900 *										90
95	68.4	409.2	80,200 *										95
100	66.4	407.0	78,400 *										100
105	64.3	404.7	76,700 *										105
110	62.1	402.1	71,600 *	67.8	406.5	79,000 *							110
115	59.9	399.3	65,900 *	65.8	404.3	77,500 *							115
120	57.7	396.2	60,800 *	63.6	401.9	76,100 *							120
125	55.4	392.8	56,400 *	61.5	399.2	69,900 *							125
130	53.0	389.1	52,500 *	59.3	396.3	64,400 *							130
135	50.5	385.1	49,000 *	57.0	393.2	59,500 *							135
140	48.0	380.8	45,900 *	54.7	389.7	55,300 *							140
145	45.4	376.0	43,100 *	52.3	385.9	51,500 *	62.5	395.4	72,700 *				145
150	42.6	370.7	40,500 *	49.8	381.8	48,100 *	60.3	392.6	66,900 *				150
155	39.6	364.9	38,100 *	47.3	377.3	45,100 *	58.1	389.6	61,700 *				155
160	36.5	358.4	36,000 *	44.6	372.4	42,300 *	55.8	386.3	57,200 *				160
165	33.1	351.0	34,000 *	41.8	367.0	39,800 *	53.4	382.6	53,200 *				165
170	29.4	342.6	32,200 *	38.8	361.0	37,500 *	51.0	378.7	49,700 *				170
175	25.2	332.7	30,500 *	35.6	354.3	35,400 *	48.5	374.4	46,500 *				175
180	20.1	320.4	28,900 *	32.1	346.7	33,500 *	45.8	369.7	43,600 *	56.6	380.5	58,800 *	180
185	13.2	303.2	27,300 *	28.2	337.9	31,700 *	43.1	364.5	41,000 *	54.3	377.0	54,600 *	185
190				23.8	327.4	30,000 *	40.2	358.8	38,600 *	51.9	373.2	50,900 *	190
195				18.4	314.1	28,500 *	37.1	352.4	36,400 *	49.4	369.0	47,600 *	195
200				10.4	293.9	27,000 *	33.7	345.2	34,400 *	46.8	364.4	44,600 *	200
205							30.1	337.0	32,500 *	44.1	359.4	41,900 *	205
210							26.0	327.5	30,800 *	41.2	353.9	39,400 *	210
215							21.1	315.7	29,200 *	38.2	347.8	37,200 *	215
220							14.7	299.7	27,700 *	35.0	340.9	35,100 *	220
225										31.4	333.1	33,200 *	225
230										27.5	324.1	31,400 *	230
235										22.9	313.2	29,800 *	235
240										17.2	299.2	28,300 *	240
245										8.2	276.1	26,800 *	245



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

260 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	69.9	419.9	74,800 *										95
100	67.9	417.9	73,200 *										100
105	66.0	415.8	71,600 *										105
110	64.0	413.4	70,100 *										110
115	62.0	410.8	65,300 *	67.4	415.2	72,100 *							115
120	59.9	407.9	60,300 *	65.4	413.0	70,700 *							120
125	57.8	404.9	55,900 *	63.4	410.5	69,400 *							125
130	55.7	401.5	52,000 *	61.4	407.9	63,800 *							130
135	53.5	397.9	48,500 *	59.3	405.0	59,000 *							135
140	51.2	394.0	45,400 *	57.2	401.8	54,800 *							140
145	48.8	389.7	42,500 *	55.0	398.4	51,000 *							145
150	46.4	385.1	40,000 *	52.8	394.7	47,600 *	62.3	404.1	66,300 *				150
155	43.8	380.0	37,600 *	50.5	390.7	44,500 *	60.3	401.3	61,200 *				155
160	41.2	374.5	35,500 *	48.1	386.3	41,800 *	58.2	398.3	56,700 *				160
165	38.3	368.3	33,500 *	45.7	381.6	39,300 *	56.0	395.0	52,700 *				165
170	35.3	361.6	31,600 *	43.1	376.4	37,000 *	53.8	391.4	49,100 *				170
175	32.0	353.9	30,000 *	40.4	370.7	34,900 *	51.6	387.5	45,900 *				175
180	28.4	345.2	28,400 *	37.5	364.4	33,000 *	49.2	383.3	43,000 *				180
185	24.3	334.9	26,900 *	34.4	357.4	31,200 *	46.8	378.8	40,400 *	56.8	389.2	54,100 *	185
190	19.4	322.1	25,500 *	31.0	349.4	29,500 *	44.3	373.8	38,000 *	54.6	385.7	50,400 *	190
195	12.8	304.3	24,200 *	27.3	340.3	28,000 *	41.6	368.3	35,900 *	52.4	382.0	47,100 *	195
200				23.0	329.4	26,500 *	38.8	362.3	33,800 *	50.1	377.9	44,100 *	200
205				17.8	315.7	25,200 *	35.9	355.6	32,000 *	47.7	373.4	41,400 *	205
210				10.1	294.8	23,900 *	32.6	348.2	30,300 *	45.2	368.6	38,900 *	210
215							29.1	339.6	28,700 *	42.6	363.3	36,600 *	215
220							25.1	329.7	27,200 *	39.9	357.5	34,600 *	220
225							20.4	317.5	25,800 *	36.9	351.1	32,700 *	225
230							14.2	300.9	24,500 *	33.8	343.9	30,900 *	230
235										30.4	335.8	29,300 *	235
240										26.6	326.4	27,700 *	240
245										22.2	315.2	26,300 *	245
250										16.7	300.6	25,000 *	250
255										7.9	276.7	23,700 *	255



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

260 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
100	69.3	428.7	68,600 *										100
105	67.5	426.7	67,300 *										105
110	65.6	424.5	65,800 *										110
115	63.8	422.0	64,100 *										115
120	61.9	419.4	60,000 *	66.9	424.0	66,100 *							120
125	59.9	416.6	55,600 *	65.1	421.7	64,900 *							125
130	57.9	413.5	51,700 *	63.2	419.2	63,300 *							130
135	55.9	410.2	48,200 *	61.3	416.5	58,700 *							135
140	53.9	406.6	45,100 *	59.4	413.6	54,500 *							140
145	51.7	402.8	42,200 *	57.4	410.5	50,700 *							145
150	49.5	398.6	39,700 *	55.3	407.1	47,300 *							150
155	47.3	394.1	37,300 *	53.2	403.5	44,200 *	62.2	412.7	60,800 *				155
160	44.9	389.2	35,200 *	51.1	399.5	41,500 *	60.3	409.9	56,400 *				160
165	42.4	383.9	33,200 *	48.9	395.3	39,000 *	58.3	406.9	52,400 *				165
170	39.9	378.1	31,300 *	46.6	390.7	36,700 *	56.3	403.7	48,800 *				170
175	37.1	371.7	29,700 *	44.2	385.7	34,600 *	54.2	400.1	45,600 *				175
180	34.2	364.6	28,100 *	41.7	380.2	32,600 *	52.1	396.3	42,700 *				180
185	31.0	356.7	26,600 *	39.1	374.2	30,900 *	49.9	392.2	40,100 *				185
190	27.6	347.6	25,300 *	36.3	367.7	29,200 *	47.7	387.8	37,700 *	57.0	397.9	50,100 *	190
195	23.6	337.0	24,000 *	33.3	360.4	27,700 *	45.3	383.0	35,600 *	55.0	394.4	46,800 *	195
200	18.8	323.8	22,800 *	30.1	352.1	26,200 *	42.9	377.7	33,500 *	52.9	390.7	43,800 *	200
205	12.4	305.3	21,600 *	26.5	342.7	24,900 *	40.3	372.0	31,700 *	50.7	386.7	41,100 *	205
210				22.3	331.4	23,600 *	37.6	365.7	30,000 *	48.5	382.4	38,600 *	210
215				17.2	317.2	22,500 *	34.7	358.8	28,400 *	46.2	377.7	36,300 *	215
220				9.8	295.6	21,300 *	31.6	351.0	26,900 *	43.8	372.6	34,300 *	220
225							28.2	342.2	25,500 *	41.3	367.1	32,400 *	225
230							24.3	331.8	24,200 *	38.6	361.0	30,600 *	230
235							19.7	319.2	23,000 *	35.8	354.3	29,000 *	235
240							13.7	302.1	21,900 *	32.8	346.9	27,400 *	240
245										29.5	338.5	26,000 *	245
250										25.8	328.7	24,700 *	250
255										21.5	317.1	23,500 *	255
260										16.1	302.0	22,300 *	260
265										7.7	277.4	21,200 *	265



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

260 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
100	70.5	439.4	64,000 *										100
105	68.8	437.5	62,700 *										105
110	67.1	435.4	61,400 *										110
115	65.3	433.2	59,400 *										115
120	63.6	430.7	57,500 *										120
125	61.8	428.1	55,100 *	66.6	432.7	60,200 *							125
130	59.9	425.3	51,200 *	64.8	430.4	58,400 *							130
135	58.1	422.2	47,700 *	63.0	427.9	56,700 *							135
140	56.2	418.9	44,500 *	61.2	425.2	53,900 *							140
145	54.2	415.4	41,700 *	59.4	422.3	50,200 *							145
150	52.2	411.6	39,100 *	57.5	419.2	46,800 *							150
155	50.2	407.5	36,800 *	55.6	415.8	43,700 *							155
160	48.0	403.1	34,600 *	53.6	412.2	41,000 *	62.1	421.4	54,300 *				160
165	45.8	398.4	32,600 *	51.6	408.4	38,400 *	60.2	418.6	51,900 *				165
170	43.6	393.2	30,800 *	49.6	404.2	36,100 *	58.4	415.6	48,300 *				170
175	41.2	387.7	29,100 *	47.4	399.7	34,000 *	56.5	412.3	45,100 *				175
180	38.7	381.6	27,600 *	45.2	394.8	32,100 *	54.6	408.9	42,200 *				180
185	36.0	375.0	26,100 *	42.9	389.6	30,300 *	52.6	405.1	39,600 *				185
190	33.2	367.6	24,700 *	40.5	383.9	28,700 *	50.5	401.1	37,200 *				190
195	30.1	359.4	23,500 *	37.9	377.7	27,100 *	48.4	396.7	35,000 *	57.2	406.5	46,200 *	195
200	26.7	350.0	22,300 *	35.2	370.9	25,700 *	46.2	392.1	33,000 *	55.3	403.1	43,200 *	200
205	22.9	339.0	21,100 *	32.4	363.3	24,400 *	44.0	387.0	31,200 *	53.3	399.5	40,500 *	205
210	18.3	325.4	20,100 *	29.2	354.7	23,100 *	41.6	381.5	29,400 *	51.3	395.6	38,100 *	210
215	12.0	306.4	19,000 *	25.7	344.9	21,900 *	39.1	375.6	27,900 *	49.2	391.3	35,800 *	215
220				21.7	333.3	20,800 *	36.5	369.0	26,400 *	47.0	386.8	33,700 *	220
225				16.7	318.6	19,800 *	33.7	361.8	25,000 *	44.8	381.9	31,800 *	225
230				9.5	296.4	18,800 *	30.7	353.7	23,700 *	42.5	376.6	30,100 *	230
235							27.4	344.6	22,500 *	40.0	370.8	28,400 *	235
240							23.6	333.9	21,400 *	37.5	364.4	26,900 *	240
245							19.2	320.9	20,300 *	34.7	357.5	25,500 *	245
250							13.3	303.2	19,300 *	31.8	349.7	24,200 *	250
255										28.6	341.0	22,900 *	255
260										25.0	330.9	21,800 *	260
265										20.9	318.9	20,700 *	265
270										15.7	303.4	19,600 *	270
275										7.4	278.0	18,600 *	275



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

260 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
105	70.0	448.2	57,300 *										105
110	68.3	446.2	55,700 *										110
115	66.7	444.1	54,000 *										115
120	65.0	441.9	52,200 *										120
125	63.4	439.4	50,200 *	67.9	443.6	54,500 *							125
130	61.7	436.8	48,300 *	66.2	441.4	53,000 *							130
135	59.9	433.9	46,500 *	64.6	439.1	51,300 *							135
140	58.2	430.9	44,500 *	62.9	436.6	49,500 *							140
145	56.4	427.6	41,800 *	61.2	433.9	47,700 *							145
150	54.5	424.1	39,100 *	59.4	431.0	45,900 *							150
155	52.6	420.4	36,700 *	57.7	427.9	43,900 *							155
160	50.7	416.4	34,500 *	55.8	424.5	41,000 *							160
165	48.7	412.1	32,500 *	54.0	421.0	38,500 *	62.0	430.1	47,500 *				165
170	46.7	407.5	30,700 *	52.1	417.2	36,100 *	60.2	427.3	46,000 *				170
175	44.5	402.5	28,900 *	50.1	413.1	34,000 *	58.5	424.3	44,400 *				175
180	42.3	397.1	27,300 *	48.1	408.7	32,000 *	56.7	421.0	42,300 *				180
185	40.0	391.3	25,900 *	46.1	404.0	30,200 *	54.9	417.6	39,600 *				185
190	37.6	385.0	24,500 *	43.9	398.9	28,500 *	53.0	413.9	37,200 *				190
195	35.0	378.1	23,200 *	41.7	393.4	26,900 *	51.1	409.9	35,000 *				195
200	32.3	370.5	22,000 *	39.3	387.5	25,500 *	49.1	405.7	32,900 *	57.3	415.2	42,300 *	200
205	29.3	362.0	20,800 *	36.9	381.0	24,100 *	47.0	401.1	31,000 *	55.5	411.9	40,600 *	205
210	26.0	352.3	19,800 *	34.3	373.9	22,800 *	44.9	396.2	29,300 *	53.6	408.2	38,100 *	210
215	22.3	340.9	18,700 *	31.5	366.1	21,600 *	42.7	390.9	27,600 *	51.7	404.4	35,700 *	215
220	17.8	326.9	17,500 *	28.4	357.3	20,500 *	40.4	385.2	26,100 *	49.8	400.2	33,600 *	220
225	11.7	307.4	15,900 *	25.0	347.1	19,500 *	38.0	379.0	24,700 *	47.8	395.8	31,700 *	225
230				21.1	335.2	18,500 *	35.5	372.2	23,400 *	45.7	391.0	29,900 *	230
235				16.3	320.0	17,500 *	32.8	364.8	22,200 *	43.5	385.9	28,200 *	235
240				9.2	297.2	16,600 *	29.8	356.4	21,000 *	41.3	380.3	26,700 *	240
245							26.6	346.9	20,000 *	38.9	374.3	25,200 *	245
250							23.0	335.9	18,900 *	36.4	367.7	23,900 *	250
255							18.6	322.5	18,000 *	33.8	360.5	22,600 *	255
260							13.0	304.4	17,000 *	30.9	352.5	21,500 *	260
265										27.8	343.5	20,400 *	265
270										24.3	333.1	19,300 *	270
275										20.3	320.7	18,300 *	275
280										15.2	304.7	17,400 *	280
285										7.2	278.6	16,500 *	285



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

260 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
110	69.5	457.0	51,300 *										110
115	67.9	455.0	49,600 *										115
120	66.4	452.9	47,900 *										120
125	64.8	450.6	46,100 *										125
130	63.2	448.1	44,200 *	67.5	452.3	48,700 *							130
135	61.6	445.4	42,300 *	65.9	450.1	47,100 *							135
140	59.9	442.6	40,400 *	64.3	447.8	45,500 *							140
145	58.3	439.5	38,500 *	62.7	445.2	43,700 *							145
150	56.5	436.3	36,700 *	61.1	442.5	41,900 *							150
155	54.8	432.8	35,000 *	59.5	439.6	40,100 *							155
160	53.0	429.1	33,300 *	57.8	436.5	38,400 *							160
165	51.2	425.2	31,600 *	56.1	433.2	36,600 *							165
170	49.3	421.0	30,100 *	54.3	429.7	34,900 *	61.9	438.7	41,900 *				170
175	47.4	416.5	28,400 *	52.5	425.9	33,200 *	60.2	435.9	40,300 *				175
180	45.4	411.7	26,800 *	50.7	421.9	31,400 *	58.6	432.9	38,800 *				180
185	43.4	406.5	25,300 *	48.8	417.6	29,600 *	56.9	429.7	37,200 *				185
190	41.2	400.9	23,900 *	46.8	413.0	27,900 *	55.1	426.3	35,600 *				190
195	39.0	394.9	22,600 *	44.8	408.1	26,400 *	53.3	422.6	34,000 *				195
200	36.6	388.4	21,400 *	42.7	402.8	24,900 *	51.5	418.7	32,500 *				200
205	34.1	381.2	20,300 *	40.6	397.1	23,600 *	49.7	414.6	30,500 *	57.5	423.9	36,800 *	205
210	31.4	373.3	19,200 *	38.3	391.0	22,300 *	47.7	410.1	28,700 *	55.7	420.6	35,500 *	210
215	28.5	364.5	18,200 *	35.9	384.3	21,100 *	45.8	405.4	27,100 *	54.0	417.0	34,000 *	215
220	25.3	354.5	16,500 *	33.4	376.9	20,000 *	43.7	400.3	25,600 *	52.2	413.2	32,600 *	220
225	21.7	342.8	14,900 *	30.6	368.8	18,900 *	41.6	394.8	24,200 *	50.3	409.1	31,100 *	225
230	17.3	328.4	13,400 *	27.7	359.7	17,900 *	39.4	388.8	22,900 *	48.4	404.8	29,300 *	230
235	11.4	308.3	12,000 *	24.3	349.3	17,000 *	37.0	382.4	21,700 *	46.5	400.1	27,700 *	235
240				20.5	337.0	16,100 *	34.6	375.4	20,500 *	44.5	395.1	26,100 *	240
245				15.8	321.4	15,200 *	31.9	367.6	19,400 *	42.4	389.8	24,700 *	245
250				9.0	298.0	14,400 *	29.1	359.0	18,400 *	40.2	384.0	23,400 *	250
255							25.9	349.2	17,400 *	37.9	377.8	22,100 *	255
260							22.4	337.9	16,500 *	35.5	371.0	20,900 *	260
265							18.2	324.1	15,700 *	32.9	363.5	19,800 *	265
270							12.6	305.5	14,800 *	30.1	355.2	18,800 *	270
275										27.1	345.9	17,800 *	275
280										23.7	335.2	16,900 *	280
285										19.8	322.4	16,000 *	285
290										14.8	306.0	15,100 *	290
295										7.0	279.2	14,300 *	295



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

280 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	62.1	351.3	134,900 *b										75
80	57.3	348.2	128,700 *b										80
85	52.2	344.5	119,700 *b										85
90	46.8	340.1	106,100 *	61.7	348.8	129,100 *b							90
95	40.7	334.7	95,100 *	56.9	345.7	126,300 *b							95
100	33.8	327.9	86,000 *	51.8	342.0	118,500 *b							100
105	25.2	318.6	78,400 *	46.3	337.5	105,200 *							105
110	11.4	302.5	71,800 *	40.2	332.0	94,300 *							110
115				33.2	325.0	85,400 *	60.8	342.8	115,300 *b				115
120				24.4	315.5	77,800 *	55.9	339.6	113,100 *b				120
125				9.4	297.8	71,300 *	50.8	335.7	108,400 b				125
130							45.2	331.0	102,900 *				130
135							38.9	325.3	92,500 *				135
140							31.7	317.9	83,800 *				140
145							22.3	307.6	76,500 *	54.4	330.9	83,500 b	145
150										49.1	326.8	80,200	150
155										43.3	321.9	77,100	155
160										36.8	315.7	74,300	160
165										29.1	307.6	71,600	165
170										18.4	295.7	69,000	170



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

280 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	65.9	362.5	129,700 *b										75
80	61.8	359.9	124,000 *b										80
85	57.7	356.9	118,700 *b										85
90	53.3	353.3	106,600 *	65.6	360.0	123,400 *b							90
95	48.6	349.1	95,500 *	61.5	357.4	121,100 *b							95
100	43.5	344.2	86,300 *	57.3	354.4	118,700 *b							100
105	37.9	338.2	78,600 *	52.9	350.8	105,700 *							105
110	31.5	330.7	72,100 *	48.2	346.5	94,700 *							110
115	23.5	320.7	66,400 *	43.1	341.5	85,700 *							115
120	10.6	303.4	61,400 *	37.5	335.4	78,100 *	60.7	351.4	108,600 *b				120
125				30.9	327.8	71,600 *	56.5	348.3	106,800 *				125
130				22.7	317.5	66,000 *	52.0	344.5	102,800				130
135				8.7	298.5	61,100 *	47.2	340.1	92,900 *				135
140							42.1	334.9	84,100 *				140
145							36.3	328.6	76,800 *				145
150							29.5	320.6	70,500 *	55.1	339.7	79,400	150
155							20.8	309.4	65,000 *	50.6	335.7	76,400	155
160										45.7	331.1	73,600	160
165										40.3	325.6	70,900	165
170										34.3	318.8	68,400	170
175										27.1	310.0	66,000	175
180										17.2	297.2	63,500 *	180



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

280 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	68.7	373.4	123,700 *b										75
80	65.2	371.2	119,300 *b										80
85	61.6	368.6	114,400 *b										85
90	57.9	365.6	108,000 *										90
95	54.0	362.1	96,600 *	64.9	368.7	114,900 *b							95
100	50.0	358.1	87,200 *	61.4	366.1	112,900 *							100
105	45.6	353.4	79,400 *	57.6	363.1	107,000 *							105
110	40.9	347.9	72,700 *	53.7	359.5	95,800 *							110
115	35.7	341.4	66,900 *	49.6	355.5	86,600 *							115
120	29.6	333.3	61,900 *	45.2	350.7	78,800 *							120
125	22.1	322.6	57,500 *	40.5	345.2	72,200 *	60.6	360.1	101,600 *				125
130	9.9	304.2	53,500 *	35.2	338.6	66,500 *	56.9	357.0	100,100 *				130
135				29.1	330.4	61,600 *	52.9	353.3	93,900 *				135
140				21.4	319.3	57,200 *	48.8	349.1	85,000 *				140
145				8.1	299.2	53,200 *	44.3	344.3	77,500 *				145
150							39.5	338.5	71,100 *				150
155							34.1	331.7	65,500 *	55.7	348.4	75,900	155
160							27.7	323.0	60,700 *	51.7	344.6	73,100	160
165							19.5	311.1	56,400 *	47.4	340.2	70,400	165
170										42.9	335.1	67,900	170
175										37.9	329.0	65,600	175
180										32.2	321.7	63,400	180
185										25.5	312.3	59,300 *	185
190										16.1	298.5	55,200 *	190



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

280 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	70.9	384.1	117,700 *b										75
80	67.9	382.1	114,500 *b										80
85	64.7	379.9	110,100 *										85
90	61.5	377.2	106,000 *										90
95	58.1	374.2	96,600 *	67.6	379.7	109,600 *b							95
100	54.7	370.8	87,100 *	64.5	377.4	107,900 *							100
105	51.0	366.9	79,200 *	61.2	374.8	106,300 *							105
110	47.2	362.5	72,500 *	57.9	371.7	95,800 *							110
115	43.1	357.4	66,700 *	54.4	368.3	86,500 *							115
120	38.7	351.5	61,700 *	50.7	364.3	78,700 *							120
125	33.7	344.4	57,300 *	46.9	359.9	72,100 *							125
130	28.0	335.8	53,300 *	42.8	354.7	66,300 *	60.6	368.8	95,900 *				130
135	20.9	324.4	49,800 *	38.3	348.7	61,400 *	57.2	365.6	93,900 *				135
140	9.3	304.9	46,600 *	33.3	341.6	57,000 *	53.7	362.1	84,900 *				140
145				27.5	332.8	53,100 *	50.0	358.1	77,300 *				145
150				20.2	321.1	49,600 *	46.1	353.5	70,900 *				150
155				7.7	299.8	46,400 *	41.9	348.1	65,300 *				155
160							37.4	342.0	60,500 *	56.1	357.1	72,300	160
165							32.2	334.6	56,200 *	52.6	353.4	69,700	165
170							26.2	325.3	52,400 *	48.8	349.2	67,200	170
175							18.5	312.7	49,000 *	44.8	344.4	64,900	175
180										40.6	338.8	62,700	180
185										35.8	332.3	59,100 *	185
190										30.5	324.4	55,000 *	190
195										24.1	314.4	51,300 *	195
200										15.3	299.8	48,000 *	200



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

280 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	70.0	392.9	109,000 *b										80
85	67.2	390.9	106,200 *										85
90	64.3	388.5	102,400 *										90
95	61.3	385.9	98,700 *										95
100	58.3	382.9	89,100 *	66.9	388.4	103,200 *							100
105	55.2	379.5	81,000 *	64.1	386.1	101,800 *							105
110	51.9	375.8	74,100 *	61.1	383.4	97,900 *							110
115	48.5	371.5	68,200 *	58.1	380.4	88,400 *							115
120	44.9	366.7	63,000 *	54.9	377.0	80,400 *							120
125	41.0	361.2	58,500 *	51.6	373.2	73,600 *							125
130	36.8	354.8	54,500 *	48.2	368.9	67,800 *							130
135	32.1	347.3	50,900 *	44.6	364.0	62,700 *	60.5	377.4	90,700 *				135
140	26.7	338.2	47,700 *	40.7	358.4	58,200 *	57.5	374.3	86,700 *				140
145	19.9	326.2	44,800 *	36.4	352.0	54,200 *	54.3	370.8	79,000 *				145
150	8.9	305.7	41,100 *	31.7	344.4	50,700 *	51.0	366.9	72,400 *				150
155				26.2	335.1	47,500 *	47.5	362.5	66,700 *				155
160				19.2	322.8	44,600 *	43.8	357.5	61,800 *				160
165				7.3	300.4	41,400 *	39.9	351.8	57,400 *	56.5	365.8	69,100	165
170							35.5	345.2	53,500 *	53.3	362.2	66,600	170
175							30.7	337.3	50,000 *	49.9	358.1	64,300	175
180							25.0	327.6	46,900 *	46.4	353.5	62,100	180
185							17.6	314.2	44,100 *	42.6	348.3	60,100	185
190										38.6	342.3	56,200 *	190
195										34.1	335.4	52,400 *	195
200										29.0	327.0	49,100 *	200
205										22.9	316.4	46,000 *	205
210										14.5	301.1	43,300 *	210



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

280 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	69.2	401.7	99,200 *										85
90	66.6	399.6	96,700 *										90
95	63.9	397.2	93,800 *										95
100	61.2	394.6	89,900 *										100
105	58.5	391.6	81,600 *	66.4	397.2	97,000 *							105
110	55.6	388.3	74,500 *	63.7	394.8	95,700 *							110
115	52.6	384.6	68,500 *	61.0	392.1	89,200 *							115
120	49.5	380.4	63,200 *	58.2	389.1	81,000 *							120
125	46.3	375.8	58,600 *	55.4	385.7	74,000 *							125
130	42.8	370.6	54,500 *	52.4	382.0	68,000 *							130
135	39.1	364.7	50,900 *	49.3	377.8	62,800 *							135
140	35.1	358.0	47,600 *	46.0	373.2	58,300 *	60.5	386.1	85,700 *				140
145	30.7	350.1	44,700 *	42.5	367.9	54,200 *	57.7	383.0	79,600 *				145
150	25.5	340.4	42,000 *	38.8	362.0	50,600 *	54.8	379.6	72,800 *				150
155	19.0	327.8	39,600 *	34.8	355.2	47,400 *	51.8	375.8	67,000 *				155
160	8.5	306.4	36,400 *	30.3	347.1	44,500 *	48.6	371.5	61,900 *				160
165				25.0	337.3	41,900 *	45.3	366.7	57,500 *				165
170				18.4	324.4	39,400 *	41.8	361.4	53,500 *	56.8	374.5	65,900	170
175				6.9	300.9	36,700 *	38.1	355.3	50,000 *	53.9	370.9	63,600	175
180							33.9	348.2	46,900 *	50.8	367.0	61,500	180
185							29.3	339.9	44,000 *	47.6	362.6	59,400	185
190							23.9	329.7	41,400 *	44.3	357.6	56,200 *	190
195							16.8	315.7	39,000 *	40.7	352.1	52,400 *	195
200										36.8	345.7	49,000 *	200
205										32.6	338.3	46,000 *	205
210										27.7	329.5	43,200 *	210
215										21.9	318.4	40,700 *	215
220										13.9	302.3	38,300 *	220



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

280 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	70.8	412.4	92,100 *										85
90	68.5	410.5	90,400 *										90
95	66.1	408.3	88,200 *										95
100	63.6	405.9	85,600 *										100
105	61.1	403.2	81,500 *										105
110	58.6	400.2	74,400 *	65.9	405.9	88,000 *							110
115	55.9	397.0	68,400 *	63.4	403.4	86,200 *							115
120	53.2	393.3	63,100 *	60.9	400.7	80,900 *							120
125	50.4	389.3	58,500 *	58.4	397.7	73,900 *							125
130	47.4	384.9	54,400 *	55.7	394.4	67,900 *							130
135	44.3	379.9	50,800 *	53.0	390.8	62,700 *							135
140	41.1	374.4	47,500 *	50.2	386.7	58,200 *	63.0	397.5	80,600 *				140
145	37.5	368.2	44,600 *	47.2	382.2	54,100 *	60.4	394.7	79,500 *				145
150	33.7	361.0	41,900 *	44.1	377.3	50,500 *	57.9	391.7	72,700 *				150
155	29.4	352.7	39,500 *	40.8	371.7	47,300 *	55.2	388.3	66,900 *				155
160	24.4	342.6	37,300 *	37.2	365.4	44,400 *	52.4	384.6	61,800 *				160
165	18.2	329.4	35,200 *	33.4	358.2	41,700 *	49.6	380.4	57,400 *				165
170	8.1	307.0	32,500 *	29.0	349.7	39,300 *	46.6	375.9	53,400 *				170
175				24.0	339.4	37,100 *	43.5	370.8	49,900 *	57.0	383.1	63,400 *	175
180				17.6	325.9	35,100 *	40.1	365.0	46,700 *	54.4	379.7	61,200 *	180
185				6.6	301.5	32,800 *	36.5	358.6	43,900 *	51.6	375.8	59,200 *	185
190							32.6	351.2	41,300 *	48.7	371.5	56,100 *	190
195							28.1	342.4	38,900 *	45.6	366.8	52,300 *	195
200							22.9	331.7	36,700 *	42.4	361.5	48,900 *	200
205							16.1	317.1	34,700 *	39.0	355.6	45,800 *	205
210										35.3	348.9	43,100 *	210
215										31.2	341.1	40,500 *	215
220										26.6	331.8	38,200 *	220
225										21.0	320.2	36,100 *	225
230										13.3	303.4	34,100 *	230



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

280 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	70.1	421.2	84,000 *										90
95	67.9	419.2	82,500 *										95
100	65.7	417.0	80,500 *										100
105	63.4	414.6	78,300 *										105
110	61.1	411.9	74,000 *	67.7	416.8	81,600 *							110
115	58.7	408.9	67,900 *	65.5	414.6	80,100 *							115
120	56.2	405.7	62,600 *	63.2	412.1	78,600 *							120
125	53.7	402.1	58,000 *	60.9	409.4	73,500 *							125
130	51.1	398.2	53,900 *	58.5	406.4	67,500 *							130
135	48.4	393.9	50,300 *	56.0	403.1	62,300 *							135
140	45.6	389.1	47,000 *	53.5	399.5	57,700 *							140
145	42.6	383.8	44,100 *	50.9	395.6	53,700 *	62.7	406.2	76,000 *				145
150	39.5	378.0	41,400 *	48.2	391.2	50,000 *	60.4	403.4	72,300 *				150
155	36.1	371.4	39,000 *	45.4	386.5	46,800 *	58.0	400.3	66,500 *				155
160	32.4	363.9	36,800 *	42.4	381.2	43,900 *	55.5	397.0	61,400 *				160
165	28.3	355.2	34,800 *	39.2	375.3	41,300 *	53.0	393.3	56,900 *				165
170	23.5	344.7	32,900 *	35.8	368.6	38,800 *	50.4	389.3	52,900 *				170
175	17.5	330.9	31,100 *	32.1	361.0	36,600 *	47.7	384.9	49,400 *				175
180	7.8	307.7	28,800 *	27.9	352.2	34,600 *	44.8	380.0	46,200 *	57.3	391.8	60,500	180
185				23.1	341.5	32,700 *	41.8	374.6	43,400 *	54.8	388.4	58,500	185
190				17.0	327.4	31,000 *	38.6	368.6	40,800 *	52.2	384.6	55,700 *	190
195				6.4	302.0	29,100 *	35.1	361.8	38,400 *	49.5	380.5	51,800 *	195
200							31.3	354.0	36,300 *	46.8	375.9	48,400 *	200
205							27.1	344.8	34,300 *	43.9	370.9	45,400 *	205
210							22.0	333.6	32,400 *	40.8	365.3	42,600 *	210
215							15.5	318.4	30,700 *	37.5	359.0	40,100 *	215
220										34.0	351.9	37,800 *	220
225										30.1	343.8	35,600 *	225
230										25.6	334.1	33,700 *	230
235										20.2	322.0	31,900 *	235
240										12.8	304.5	30,200 *	240



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

280 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	69.4	430.0	76,900 *										95
100	67.4	428.0	75,500 *										100
105	65.3	425.7	73,700 *										105
110	63.2	423.2	71,800 *										110
115	61.0	420.5	68,500 *	67.2	425.5	76,000 *							115
120	58.8	417.6	63,200 *	65.1	423.3	74,700 *							120
125	56.5	414.3	58,500 *	63.0	420.8	73,500 *							125
130	54.2	410.8	54,400 *	60.8	418.1	68,100 *							130
135	51.7	407.0	50,700 *	58.6	415.1	62,800 *							135
140	49.3	402.8	47,400 *	56.3	411.8	58,200 *							140
145	46.7	398.2	44,400 *	54.0	408.3	54,100 *							145
150	44.0	393.2	41,700 *	51.6	404.4	50,400 *	62.6	414.8	71,100 *				150
155	41.1	387.6	39,300 *	49.1	400.2	47,200 *	60.4	412.0	67,000 *				155
160	38.1	381.5	37,000 *	46.5	395.6	44,200 *	58.1	409.0	61,900 *				160
165	34.8	374.6	34,900 *	43.7	390.5	41,500 *	55.9	405.7	57,400 *				165
170	31.3	366.7	33,000 *	40.9	384.9	39,100 *	53.5	402.1	53,400 *				170
175	27.3	357.6	31,300 *	37.8	378.7	36,900 *	51.1	398.2	49,800 *				175
180	22.7	346.7	29,700 *	34.5	371.7	34,800 *	48.5	393.9	46,600 *				180
185	16.9	332.4	28,100 *	31.0	363.8	32,900 *	45.9	389.2	43,700 *	57.4	400.5	57,900	185
190	7.5	308.3	24,800 *	27.0	354.6	31,200 *	43.2	384.0	41,000 *	55.1	397.1	56,000	190
195				22.3	343.4	29,500 *	40.3	378.3	38,600 *	52.8	393.4	52,200 *	195
200				16.4	328.8	28,000 *	37.2	371.9	36,500 *	50.3	389.4	48,800 *	200
205				6.1	302.5	25,100 *	33.9	364.8	34,400 *	47.7	384.9	45,700 *	205
210							30.2	356.7	32,600 *	45.1	380.1	42,900 *	210
215							26.1	347.1	30,900 *	42.3	374.8	40,300 *	215
220							21.3	335.5	29,300 *	39.3	368.9	38,000 *	220
225							14.9	319.7	27,800 *	36.2	362.3	35,800 *	225
230										32.8	354.9	33,900 *	230
235										29.0	346.4	32,100 *	235
240										24.7	336.3	30,400 *	240
245										19.5	323.7	28,800 *	245
250										12.3	305.5	27,300 *	250



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

280 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	70.8	440.6	71,200 *										95
100	68.9	438.8	70,100 *										100
105	66.9	436.7	68,800 *										105
110	65.0	434.4	67,300 *										110
115	63.0	431.9	65,400 *										115
120	60.9	429.2	62,700 *	66.8	434.3	69,400 *							120
125	58.8	426.2	58,000 *	64.8	432.0	68,300 *							125
130	56.7	423.0	53,800 *	62.8	429.5	67,100 *							130
135	54.5	419.6	50,200 *	60.8	426.7	62,300 *							135
140	52.3	415.8	46,900 *	58.7	423.7	57,700 *							140
145	50.0	411.7	43,900 *	56.5	420.5	53,600 *							145
150	47.6	407.2	41,200 *	54.4	417.0	49,900 *							150
155	45.1	402.4	38,700 *	52.1	413.2	46,600 *	62.4	423.5	64,800 *				155
160	42.5	397.1	36,500 *	49.8	409.1	43,700 *	60.4	420.7	61,400 *				160
165	39.7	391.3	34,400 *	47.4	404.6	41,000 *	58.3	417.7	56,800 *				165
170	36.8	384.8	32,500 *	44.9	399.7	38,600 *	56.1	414.4	52,800 *				170
175	33.7	377.6	30,800 *	42.3	394.4	36,300 *	53.9	410.8	49,300 *				175
180	30.2	369.4	29,100 *	39.5	388.5	34,300 *	51.7	407.0	46,000 *				180
185	26.4	360.0	27,600 *	36.6	382.0	32,400 *	49.3	402.8	43,100 *				185
190	22.0	348.6	26,200 *	33.4	374.7	30,600 *	46.9	398.2	40,500 *	57.6	409.2	55,300	190
195	16.4	333.8	24,900 *	29.9	366.5	29,000 *	44.4	393.3	38,100 *	55.4	405.8	51,700 *	195
200	7.3	308.9	21,900 *	26.1	356.9	27,500 *	41.7	387.8	35,900 *	53.2	402.2	48,200 *	200
205				21.6	345.3	26,100 *	38.9	381.8	33,900 *	50.9	398.2	45,100 *	205
210				15.8	330.2	24,800 *	36.0	375.2	32,100 *	48.6	393.9	42,300 *	210
215				5.9	303.0	22,200 *	32.8	367.8	30,300 *	46.1	389.2	39,800 *	215
220							29.2	359.3	28,700 *	43.6	384.1	37,400 *	220
225							25.2	349.4	27,300 *	40.9	378.5	35,300 *	225
230							20.6	337.3	25,900 *	38.0	372.3	33,300 *	230
235							14.4	321.0	24,600 *	35.0	365.5	31,500 *	235
240										31.7	357.7	29,800 *	240
245										28.0	348.9	28,300 *	245
250										23.9	338.4	26,800 *	250
255										18.9	325.3	25,500 *	255
260										11.9	306.6	24,200 *	260



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

280 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
100	70.2	449.5	64,300 *										100
105	68.4	447.5	63,300 *										105
110	66.5	445.4	62,100 *										110
115	64.7	443.1	60,600 *										115
120	62.8	440.6	59,000 *										120
125	60.9	437.9	57,200 *	66.4	443.0	63,700 *							125
130	58.9	434.9	53,600 *	64.5	440.7	62,700 *							130
135	56.9	431.7	49,900 *	62.6	438.1	61,400 *							135
140	54.9	428.3	46,600 *	60.7	435.4	57,400 *							140
145	52.8	424.6	43,600 *	58.8	432.4	53,300 *							145
150	50.6	420.5	40,900 *	56.8	429.2	49,600 *							150
155	48.4	416.2	38,400 *	54.7	425.7	46,300 *							155
160	46.1	411.5	36,200 *	52.6	422.0	43,400 *	62.3	432.2	59,200 *				160
165	43.7	406.4	34,100 *	50.4	418.0	40,700 *	60.3	429.4	56,600 *				165
170	41.1	400.9	32,200 *	48.2	413.6	38,300 *	58.4	426.4	52,500 *				170
175	38.5	394.8	30,500 *	45.9	408.9	36,000 *	56.4	423.1	49,000 *				175
180	35.7	388.0	28,800 *	43.5	403.7	34,000 *	54.3	419.6	45,700 *				180
185	32.6	380.5	27,300 *	40.9	398.1	32,100 *	52.2	415.8	42,800 *				185
190	29.3	372.1	25,900 *	38.3	392.0	30,300 *	50.0	411.7	40,200 *				190
195	25.6	362.2	24,600 *	35.4	385.2	28,700 *	47.7	407.3	37,800 *	57.7	417.9	51,400 *	195
200	21.3	350.5	23,400 *	32.4	377.7	27,200 *	45.4	402.5	35,600 *	55.7	414.5	47,900 *	200
205	15.9	335.2	21,700 *	29.0	369.1	25,800 *	43.0	397.2	33,600 *	53.6	410.9	44,800 *	205
210	7.0	309.5	19,500 *	25.3	359.1	24,500 *	40.4	391.5	31,800 *	51.5	407.0	42,000 *	210
215				20.9	347.2	23,300 *	37.7	385.3	30,000 *	49.3	402.8	39,500 *	215
220				15.3	331.5	22,100 *	34.8	378.4	28,400 *	47.0	398.3	37,100 *	220
225				5.7	303.4	19,800 *	31.7	370.6	27,000 *	44.7	393.4	35,000 *	225
230							28.3	361.8	25,600 *	42.2	388.0	33,000 *	230
235							24.5	351.5	24,300 *	39.6	382.1	31,200 *	235
240							19.9	339.0	23,100 *	36.8	375.7	29,500 *	240
245							14.0	322.2	21,900 *	33.9	368.5	28,000 *	245
250										30.7	360.5	26,500 *	250
255										27.2	351.3	25,200 *	255
260										23.2	340.4	23,900 *	260
265										18.3	326.9	22,700 *	265
270										11.6	307.5	21,600 *	270



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

280 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
105	69.6	458.3	57,400 *										105
110	67.9	456.3	56,500 *										110
115	66.2	454.1	55,500 *										115
120	64.4	451.8	54,200 *										120
125	62.6	449.3	52,700 *	67.8	453.9	57,900 *							125
130	60.8	446.5	51,100 *	66.0	451.7	56,800 *							130
135	59.0	443.6	49,400 *	64.3	449.3	55,200 *							135
140	57.1	440.4	46,700 *	62.5	446.8	53,500 *							140
145	55.2	437.0	43,700 *	60.7	444.0	51,900 *							145
150	53.2	433.3	40,900 *	58.8	441.1	49,900 *							150
155	51.2	429.4	38,400 *	56.9	437.9	46,500 *							155
160	49.1	425.1	36,100 *	55.0	434.5	43,500 *							160
165	46.9	420.6	34,000 *	53.0	430.8	40,700 *	62.1	440.8	51,800 *				165
170	44.7	415.6	32,000 *	51.0	426.8	38,200 *	60.3	438.0	50,500 *				170
175	42.4	410.3	30,300 *	48.9	422.5	35,900 *	58.5	435.0	49,100 *				175
180	39.9	404.5	28,600 *	46.7	418.0	33,800 *	56.6	431.8	45,900 *				180
185	37.3	398.2	27,100 *	44.5	413.0	31,900 *	54.6	428.3	42,900 *				185
190	34.6	391.2	25,600 *	42.2	407.6	30,100 *	52.6	424.6	40,200 *				190
195	31.7	383.4	24,300 *	39.7	401.8	28,500 *	50.6	420.6	37,800 *				195
200	28.4	374.6	22,400 *	37.1	395.4	27,000 *	48.5	416.2	35,500 *	57.9	426.5	46,900 *	200
205	24.8	364.4	20,600 *	34.4	388.3	25,500 *	46.3	411.6	33,500 *	56.0	423.2	45,000 *	205
210	20.7	352.3	18,900 *	31.4	380.5	24,200 *	44.1	406.5	31,600 *	54.0	419.7	42,100 *	210
215	15.4	336.5	17,300 *	28.2	371.6	23,000 *	41.7	401.1	29,800 *	52.0	415.8	39,500 *	215
220	6.8	310.0	15,900 *	24.5	361.3	21,800 *	39.2	395.1	28,200 *	49.9	411.7	37,100 *	220
225				20.3	348.9	20,700 *	36.6	388.6	26,700 *	47.8	407.3	34,900 *	225
230				14.9	332.8	19,600 *	33.8	381.4	25,300 *	45.6	402.5	32,900 *	230
235				5.6	303.9	17,500 *	30.8	373.4	24,000 *	43.3	397.4	31,000 *	235
240							27.5	364.2	22,700 *	40.9	391.8	29,300 *	240
245							23.8	353.6	21,600 *	38.4	385.6	27,700 *	245
250							19.3	340.7	20,500 *	35.8	378.9	26,300 *	250
255							13.6	323.3	19,400 *	32.9	371.5	24,900 *	255
260										29.8	363.2	23,600 *	260
265										26.4	353.6	22,400 *	265
270										22.5	342.4	21,300 *	270
275										17.8	328.5	20,200 *	275
280										11.2	308.5	19,200 *	280



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

280 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
105	70.7	468.9	52,300 *										105
110	69.1	467.1	51,700 *										110
115	67.5	465.0	50,800 *										115
120	65.9	462.8	49,800 *										120
125	64.2	460.5	48,700 *										125
130	62.5	457.9	47,400 *	67.4	462.6	52,400 *							130
135	60.8	455.2	45,900 *	65.7	460.4	51,100 *							135
140	59.0	452.2	44,300 *	64.1	458.0	49,600 *							140
145	57.2	449.1	42,600 *	62.4	455.5	48,000 *							145
150	55.4	445.7	40,400 *	60.6	452.7	46,200 *							150
155	53.6	442.1	37,900 *	58.9	449.7	44,500 *							155
160	51.7	438.2	35,600 *	57.1	446.6	42,900 *							160
165	49.7	434.1	33,500 *	55.3	443.2	40,200 *							165
170	47.7	429.6	31,500 *	53.4	439.5	37,700 *	62.0	449.5	46,600 *				170
175	45.6	424.8	29,800 *	51.5	435.6	35,400 *	60.3	446.7	45,300 *				175
180	43.4	419.7	28,100 *	49.5	431.5	33,300 *	58.5	443.7	43,900 *				180
185	41.2	414.1	26,600 *	47.5	427.0	31,400 *	56.7	440.5	42,300 *				185
190	38.8	408.0	25,100 *	45.4	422.2	29,600 *	54.9	437.0	39,700 *				190
195	36.3	401.4	23,300 *	43.2	417.0	28,000 *	53.0	433.3	37,300 *				195
200	33.6	394.2	21,500 *	41.0	411.4	26,500 *	51.1	429.4	35,000 *				200
205	30.8	386.1	19,700 *	38.6	405.3	25,000 *	49.1	425.2	33,000 *	58.0	435.2	41,900 *	205
210	27.7	377.1	18,000 *	36.1	398.6	23,700 *	47.1	420.6	31,100 *	56.2	431.9	40,800 *	210
215	24.2	366.6	16,400 *	33.4	391.3	22,500 *	45.0	415.7	29,300 *	54.3	428.4	39,000 *	215
220	20.1	354.0	14,900 *	30.6	383.2	21,300 *	42.8	410.5	27,700 *	52.5	424.6	36,600 *	220
225	15.0	337.8	13,500 *	27.4	374.0	20,200 *	40.5	404.8	26,200 *	50.5	420.6	34,400 *	225
230	6.6	310.6	12,300 *	23.9	363.4	19,200 *	38.1	398.6	24,800 *	48.5	416.3	32,400 *	230
235				19.7	350.7	18,200 *	35.6	391.8	23,500 *	46.5	411.6	30,500 *	235
240				14.5	334.0	17,200 *	32.9	384.4	22,200 *	44.3	406.6	28,800 *	240
245				5.4	304.3	15,300 *	30.0	376.0	21,100 *	42.1	401.2	27,200 *	245
250							26.7	366.6	20,000 *	39.8	395.4	25,800 *	250
255							23.1	355.7	19,000 *	37.4	389.0	24,400 *	255
260							18.8	342.3	18,000 *	34.8	382.1	23,100 *	260
265							13.2	324.5	17,100 *	32.0	374.4	21,900 *	265
270										29.0	365.7	20,800 *	270
275										25.7	355.9	19,700 *	275
280										21.9	344.3	18,700 *	280
285										17.3	330.0	17,700 *	285
290										10.9	309.4	16,800 *	290



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

280 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
110	70.2	477.8	46,800 *										110
115	68.7	475.8	46,200 *										115
120	67.1	473.8	45,400 *										120
125	65.6	471.6	44,500 *										125
130	64.0	469.2	43,400 *										130
135	62.4	466.6	42,200 *	67.0	471.4	46,600 *							135
140	60.7	463.8	40,700 *	65.4	469.1	45,200 *							140
145	59.1	460.9	39,000 *	63.9	466.7	43,700 *							145
150	57.4	457.8	37,200 *	62.2	464.1	42,100 *							150
155	55.7	454.4	35,500 *	60.6	461.4	40,400 *							155
160	53.9	450.8	33,900 *	58.9	458.4	38,700 *							160
165	52.1	447.0	32,200 *	57.3	455.2	37,000 *							165
170	50.2	442.9	30,700 *	55.5	451.9	35,400 *							170
175	48.3	438.6	29,200 *	53.8	448.3	33,800 *	61.9	458.2	41,300 *				175
180	46.4	433.9	27,500 *	52.0	444.4	32,200 *	60.3	455.3	39,800 *				180
185	44.4	428.9	25,700 *	50.1	440.3	30,600 *	58.6	452.4	38,400 *				185
190	42.3	423.5	23,900 *	48.2	436.0	29,100 *	56.9	449.2	36,900 *				190
195	40.1	417.7	22,100 *	46.2	431.3	27,400 *	55.2	445.7	35,300 *				195
200	37.8	411.5	20,400 *	44.2	426.2	25,900 *	53.4	442.1	33,800 *				200
205	35.3	404.6	18,700 *	42.1	420.8	24,500 *	51.6	438.2	32,200 *				205
210	32.8	397.1	17,100 *	39.9	415.0	23,200 *	49.7	434.1	30,500 *				210
215	30.0	388.8	15,500 *	37.6	408.7	21,900 *	47.8	429.6	28,800 *	56.4	440.6	35,500 *	215
220	26.9	379.4	14,000 *	35.1	401.8	20,700 *	45.8	424.9	27,100 *	54.6	437.1	34,200 *	220
225	23.5	368.7	12,500 *	32.6	394.3	19,600 *	43.8	419.8	25,600 *	52.8	433.4	32,900 *	225
230	19.6	355.8	11,100 *	29.8	385.9	18,600 *	41.7	414.3	24,200 *	51.0	429.4	31,500 *	230
235	14.6	339.1	9,900 *	26.7	376.4	17,600 *	39.4	408.4	22,900 *	49.1	425.2	30,000 *	235
240	6.4	311.1	8,700 *	23.2	365.5	16,700 *	37.1	401.9	21,700 *	47.2	420.7	28,300 *	240
245				19.2	352.4	15,500 *	34.6	394.9	20,500 *	45.2	415.8	26,700 *	245
250				14.1	335.2	13,800 *	32.0	387.2	19,500 *	43.1	410.6	25,200 *	250
255				5.3	304.8	12,300 *	29.2	378.6	18,400 *	41.0	405.0	23,800 *	255
260							26.0	368.9	17,500 *	38.7	398.9	22,500 *	260
265							22.5	357.6	16,500 *	36.4	392.3	21,300 *	265
270							18.3	343.9	15,700 *	33.9	385.1	20,200 *	270
275							12.9	325.6	14,800 *	31.2	377.2	19,100 *	275
280										28.2	368.3	18,100 *	280
285										25.0	358.1	17,200 *	285
290										21.3	346.2	16,300 *	290
295										16.8	331.4	15,400 *	295
300										10.6	310.3	14,600 *	300



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

300 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	64.4	372.4	112,800 *b										75
80	59.7	369.6	110,200 *b										80
85	54.8	366.3	107,500 *b										85
90	49.5	362.2	104,800 *b										90
95	43.8	357.3	101,100 *	60.3	367.6	102,700 *b							95
100	37.3	351.3	90,900 *	55.4	364.3	100,400 *b							100
105	29.7	343.4	82,500 *	50.2	360.4	97,900 *b							105
110	19.4	331.9	75,400 *	44.5	355.6	95,700 *							110
115				38.2	349.7	92,200 *							115
120				30.8	342.1	83,500 *	61.0	362.2	89,500 *b				120
125				21.0	331.3	76,300 *	56.1	359.0	87,700 *b				125
130							51.0	355.2	85,900 *b				130
135							45.4	350.5	84,000 *				135
140							39.2	344.8	82,000 *				140
145							31.9	337.5	80,100 *				145
150							22.7	327.4	77,300 *	56.2	351.0	75,900 *b	150
155										51.1	347.2	73,300 *b	155
160										45.5	342.6	71,700	160
165										39.3	336.9	69,100	165
170										32.1	329.7	66,700	170
175										22.9	319.6	64,300	175
180										2.9	295.8	62,000	180



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

300 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	67.8	383.4	108,200 *b										75
80	63.8	381.1	105,900 *b										80
85	59.7	378.3	103,500 *b										85
90	55.4	375.0	101,000 *										90
95	50.9	371.1	98,600 *	64.3	379.0	98,700 *b							95
100	46.1	366.5	91,300 *	60.3	376.3	96,800 *b							100
105	40.8	361.1	82,800 *	56.0	373.0	94,700 *b							105
110	34.8	354.4	75,600 *	51.5	369.2	92,600 *							110
115	27.7	345.9	69,500 *	46.7	364.8	90,500 *							115
120	18.1	333.5	64,100 *	41.5	359.4	83,900 *							120
125				35.6	352.9	76,500 *	60.9	370.9	84,700 *b				125
130				28.7	344.7	70,300 *	56.6	367.7	83,000 *b				130
135				19.6	333.0	64,800 *	52.2	364.0	81,300 *				135
140							47.4	359.6	79,600 *				140
145							42.2	354.4	77,900 *				145
150							36.5	348.1	76,200 *				150
155							29.8	340.2	71,100 *	56.7	359.7	70,500 *b	155
160							21.1	329.2	65,600 *	52.3	356.1	69,100 *	160
165										47.5	351.7	67,600 *	165
170										42.4	346.5	66,000	170
175										36.6	340.3	63,700	175
180										29.9	332.4	61,500	180
185										21.4	321.5	59,400	185
190										2.6	295.9	57,400	190



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

300 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
75	70.4	394.2	103,700 *b										75
80	66.9	392.1	101,800 *b										80
85	63.4	389.7	99,700 *b										85
90	59.8	386.9	97,600 *										90
95	56.0	383.7	94,700 *	67.4	390.0	95,000 *b							95
100	52.0	379.9	90,200 *	63.9	387.7	93,300 *b							100
105	47.8	375.6	83,000 *	60.2	384.9	91,500 *							105
110	43.2	370.6	75,800 *	56.5	381.7	89,600 *							110
115	38.3	364.6	69,600 *	52.5	378.1	87,800 *							115
120	32.7	357.4	64,300 *	48.3	373.8	84,100 *							120
125	26.0	348.2	59,600 *	43.8	368.8	76,700 *							125
130	17.0	334.9	55,400 *	38.9	363.0	70,400 *	60.8	379.5	80,300 *				130
135				33.4	356.0	64,900 *	57.0	376.4	78,800 *				135
140				27.0	347.1	60,200 *	53.1	372.8	77,300 *				140
145				18.4	334.6	55,900 *	48.9	368.6	75,800 *				145
150							44.5	363.8	74,300 *				150
155							39.7	358.1	71,300 *				155
160							34.3	351.2	65,700 *	57.1	368.4	66,500 *	160
165							28.0	342.7	60,900 *	53.2	364.8	65,300 *	165
170							19.9	331.0	56,600 *	49.0	360.7	64,000 *	170
175										44.6	355.9	62,700 *	175
180										39.8	350.2	61,100	180
185										34.4	343.4	59,100	185
190										28.1	334.9	57,100	190
195										20.1	323.2	55,300	195
200										2.4	296.0	52,800 *	200



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

300 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
80	69.4	403.0	97,400 *b										80
85	66.3	400.9	95,600 *b										85
90	63.1	398.4	93,700 *										90
95	59.8	395.6	90,400 *										95
100	56.4	392.4	86,500 *	66.7	398.7	89,400 *b							100
105	52.8	388.7	82,500 *	63.5	396.3	87,900 *							105
110	49.1	384.6	75,700 *	60.2	393.6	86,300 *							110
115	45.1	379.8	69,400 *	56.8	390.4	84,700 *							115
120	40.9	374.3	64,100 *	53.3	386.8	83,000 *							120
125	36.2	367.9	59,400 *	49.6	382.7	76,600 *							125
130	30.9	360.1	55,200 *	45.7	378.1	70,200 *							130
135	24.6	350.3	51,500 *	41.5	372.7	64,700 *	60.7	388.2	75,900 *				135
140	16.1	336.3	48,200 *	36.8	366.4	60,000 *	57.3	385.1	74,600 *				140
145				31.6	358.8	55,700 *	53.8	381.6	73,100 *				145
150				25.5	349.3	52,000 *	50.1	377.5	71,600 *				150
155				17.4	336.1	48,600 *	46.2	372.9	70,200 *				155
160							42.1	367.7	65,500 *				160
165							37.5	361.5	60,600 *	57.4	377.1	62,600 *	165
170							32.4	354.2	56,300 *	53.9	373.6	61,500 *	170
175							26.5	345.0	52,500 *	50.2	369.6	60,300 *	175
180							18.8	332.6	49,100 *	46.3	365.0	59,100 *	180
185										42.2	359.8	57,900 *	185
190										37.6	353.6	56,500	190
195										32.6	346.3	54,700	195
200										26.6	337.2	52,600 *	200
205										19.0	324.9	49,200 *	205
210										2.2	296.1	46,000 *	210



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

300 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	68.5	411.7	90,400 *										85
90	65.7	409.6	88,700 *										90
95	62.8	407.1	85,800 *										95
100	59.8	404.3	82,600 *										100
105	56.7	401.1	79,200 *	66.1	407.4	83,300 *							105
110	53.5	397.5	75,700 *	63.2	405.0	81,900 *							110
115	50.2	393.5	71,700 *	60.2	402.2	80,500 *							115
120	46.7	388.9	66,100 *	57.1	399.1	79,100 *							120
125	42.9	383.8	61,200 *	53.9	395.6	77,600 *							125
130	38.9	377.9	56,900 *	50.6	391.6	72,500 *							130
135	34.4	371.0	53,000 *	47.1	387.1	66,800 *							135
140	29.4	362.8	49,600 *	43.4	382.1	61,800 *	60.6	396.8	70,400 *				140
145	23.4	352.4	46,500 *	39.4	376.3	57,400 *	57.6	393.8	69,200 *				145
150	15.3	337.6	43,700 *	35.0	369.5	53,500 *	54.4	390.3	68,000 *				150
155				30.1	361.5	50,000 *	51.1	386.4	66,700 *				155
160				24.3	351.5	46,900 *	47.6	382.0	65,400 *				160
165				16.6	337.5	44,100 *	44.0	377.0	62,500 *				165
170							40.0	371.3	58,000 *	57.6	385.8	58,100 *	170
175							35.7	364.7	54,100 *	54.5	382.3	57,100 *	175
180							30.9	356.9	50,600 *	51.2	378.5	56,100 *	180
185							25.2	347.3	47,400 *	47.7	374.1	55,100 *	185
190							17.9	334.1	44,500 *	44.0	369.1	54,000 *	190
195										40.1	363.4	52,900 *	195
200										35.8	356.9	51,700 *	200
205										31.0	349.1	50,700 *	205
210										25.3	339.5	47,500 *	210
215										18.1	326.5	44,600 *	215
220										2.1	296.2	41,900 *	220



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

300 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
85	70.4	422.5	85,300 *										85
90	67.8	420.5	83,400 *										90
95	65.2	418.3	81,100 *										95
100	62.6	415.7	78,600 *										100
105	59.8	412.9	75,700 *										105
110	57.0	409.8	72,700 *	65.6	416.2	78,600 *							110
115	54.1	406.3	69,600 *	62.9	413.7	77,400 *							115
120	51.0	402.3	65,700 *	60.2	410.9	76,100 *							120
125	47.9	398.0	60,800 *	57.4	407.8	74,600 *							125
130	44.5	393.1	56,500 *	54.5	404.3	72,100 *							130
135	41.0	387.6	52,600 *	51.4	400.5	66,400 *							135
140	37.1	381.3	49,200 *	48.3	396.2	61,400 *							140
145	32.9	374.0	46,100 *	45.0	391.3	57,000 *	60.6	405.5	66,100 *				145
150	28.1	365.3	43,300 *	41.4	385.9	53,100 *	57.8	402.4	65,100 *				150
155	22.4	354.4	40,800 *	37.6	379.7	49,600 *	54.9	399.0	64,000 *				155
160	14.6	338.9	38,400 *	33.5	372.5	46,500 *	51.9	395.2	62,900 *				160
165				28.8	364.1	43,700 *	48.8	391.0	61,700 *				165
170				23.2	353.5	41,100 *	45.5	386.2	57,600 *				170
175				15.8	338.9	38,700 *	42.0	380.9	53,700 *	57.8	394.5	54,600 *	175
180							38.2	374.8	50,100 *	54.9	391.1	53,700 *	180
185							34.1	367.8	47,000 *	52.0	387.3	52,800 *	185
190							29.5	359.6	44,100 *	48.8	383.0	51,900 *	190
195							24.1	349.4	41,500 *	45.5	378.3	50,900 *	195
200							17.1	335.6	39,100 *	42.0	373.0	50,000 *	200
205										38.3	366.9	49,000 *	205
210										34.2	360.0	47,100 *	210
215										29.6	351.7	44,200 *	215
220										24.2	341.6	41,600 *	220
225										17.3	328.0	39,200 *	225
230										1.9	296.3	36,900 *	230



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

300 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
90	69.6	431.3	78,200 *										90
95	67.3	429.2	76,500 *										95
100	64.8	427.0	74,500 *										100
105	62.4	424.4	72,200 *										105
110	59.8	421.6	69,600 *	67.6	427.1	75,000 *							110
115	57.2	418.5	67,000 *	65.1	424.9	74,000 *							115
120	54.6	415.0	64,300 *	62.7	422.3	72,900 *							120
125	51.8	411.2	60,700 *	60.2	419.6	71,700 *							125
130	48.9	406.9	56,300 *	57.6	416.5	70,500 *							130
135	45.9	402.2	52,500 *	54.9	413.0	66,300 *							135
140	42.7	397.0	49,100 *	52.1	409.3	61,300 *							140
145	39.3	391.1	46,000 *	49.3	405.1	56,900 *							145
150	35.6	384.5	43,200 *	46.3	400.5	53,000 *	60.5	414.1	62,400 *				150
155	31.6	376.8	40,600 *	43.1	395.3	49,500 *	57.9	411.1	61,500 *				155
160	27.0	367.6	38,300 *	39.7	389.5	46,400 *	55.3	407.7	60,600 *				160
165	21.5	356.2	36,200 *	36.1	383.0	43,500 *	52.5	404.0	59,500 *				165
170	14.0	340.1	34,200 *	32.1	375.4	41,000 *	49.7	399.9	57,500 *				170
175				27.6	366.5	38,600 *	46.7	395.3	53,500 *				175
180				22.3	355.5	36,500 *	43.6	390.3	50,000 *				180
185				15.2	340.2	34,500 *	40.2	384.6	46,800 *	55.3	399.8	50,800 *	185
190							36.6	378.1	44,000 *	52.6	396.1	50,000 *	190
195							32.7	370.8	41,300 *	49.8	392.0	49,200 *	195
200							28.3	362.1	39,000 *	46.8	387.4	48,300 *	200
205							23.1	351.4	36,800 *	43.6	382.3	47,400 *	205
210							16.4	337.0	34,800 *	40.3	376.7	46,500 *	210
215										36.7	370.3	44,000 *	215
220										32.8	362.9	41,400 *	220
225										28.4	354.3	39,100 *	225
230										23.2	343.6	36,900 *	230
235										16.6	329.4	34,800 *	235
240										1.8	296.4	32,900 *	240



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

300 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	69.0	440.1	71,600 *										95
100	66.8	438.0	69,900 *										100
105	64.5	435.6	68,000 *										105
110	62.2	433.1	65,900 *										110
115	59.8	430.2	63,500 *	67.0	435.8	70,200 *							115
120	57.4	427.1	61,000 *	64.8	433.5	69,300 *							120
125	55.0	423.7	58,400 *	62.5	431.0	68,300 *							125
130	52.4	420.0	55,700 *	60.1	428.2	67,300 *							130
135	49.7	415.9	52,000 *	57.7	425.1	65,800 *							135
140	47.0	411.3	48,600 *	55.3	421.8	60,800 *							140
145	44.1	406.3	45,500 *	52.7	418.1	56,400 *							145
150	41.0	400.8	42,700 *	50.1	414.0	52,500 *	62.8	425.6	59,300 *				150
155	37.8	394.6	40,200 *	47.3	409.5	49,000 *	60.5	422.8	58,600 *				155
160	34.3	387.6	37,900 *	44.5	404.6	45,900 *	58.1	419.8	57,800 *				160
165	30.4	379.5	35,700 *	41.4	399.1	43,100 *	55.6	416.4	56,900 *				165
170	26.0	369.9	33,800 *	38.2	393.0	40,500 *	53.1	412.8	56,000 *				170
175	20.7	358.0	32,000 *	34.7	386.1	38,200 *	50.5	408.8	53,100 *				175
180	13.5	341.2	30,300 *	30.9	378.2	36,000 *	47.7	404.4	49,500 *				180
185				26.6	368.9	34,000 *	44.9	399.5	46,400 *				185
190				21.4	357.3	32,200 *	41.9	394.1	43,500 *	55.7	408.5	47,600 *	190
195				14.6	341.5	30,500 *	38.7	388.1	40,900 *	53.2	404.8	46,900 *	195
200							35.2	381.3	38,500 *	50.5	400.8	46,200 *	200
205							31.5	373.6	36,300 *	47.8	396.4	45,400 *	205
210							27.2	364.5	34,300 *	45.0	391.6	44,700 *	210
215							22.2	353.4	32,500 *	42.0	386.2	43,600 *	215
220							15.8	338.4	30,800 *	38.8	380.2	41,000 *	220
225										35.3	373.5	38,600 *	225
230										31.6	365.7	36,400 *	230
235										27.3	356.7	34,400 *	235
240										22.3	345.6	32,500 *	240
245										15.9	330.8	30,800 *	245
250										1.7	296.5	29,200 *	250



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

300 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
95	70.4	450.7	66,000 *										95
100	68.4	448.8	64,800 *										100
105	66.3	446.7	63,300 *										105
110	64.2	444.3	61,600 *										110
115	62.1	441.7	59,600 *										115
120	59.9	438.9	57,500 *	66.6	444.6	65,900 *							120
125	57.6	435.8	55,200 *	64.5	442.2	65,100 *							125
130	55.3	432.4	52,900 *	62.3	439.7	64,300 *							130
135	52.9	428.7	50,500 *	60.1	436.9	62,800 *							135
140	50.5	424.7	48,000 *	57.9	433.8	61,000 *							140
145	47.9	420.3	45,500 *	55.6	430.5	56,900 *							145
150	45.3	415.5	43,000 *	53.2	426.8	52,900 *							150
155	42.5	410.2	40,400 *	50.8	422.9	49,400 *	62.6	434.2	55,800 *				155
160	39.6	404.4	38,100 *	48.3	418.5	46,200 *	60.5	431.5	55,100 *				160
165	36.4	397.9	35,900 *	45.6	413.8	43,400 *	58.2	428.4	54,400 *				165
170	33.0	390.5	33,700 *	42.9	408.5	40,800 *	55.9	425.1	53,700 *				170
175	29.3	382.1	31,600 *	40.0	402.8	38,400 *	53.6	421.6	52,900 *				175
180	25.0	372.2	29,600 *	36.8	396.4	36,200 *	51.2	417.6	49,900 *				180
185	19.9	359.8	27,700 *	33.5	389.1	34,200 *	48.6	413.3	46,700 *				185
190	13.0	342.3	26,100 *	29.8	380.9	32,400 *	46.0	408.7	43,800 *				190
195				25.6	371.1	30,700 *	43.3	403.5	41,100 *	56.0	417.2	44,800 *	195
200				20.7	359.2	29,100 *	40.4	397.8	38,700 *	53.6	413.6	44,200 *	200
205				14.1	342.7	27,600 *	37.3	391.5	36,500 *	51.2	409.7	43,600 *	205
210							34.0	384.4	34,500 *	48.7	405.4	42,900 *	210
215							30.4	376.3	32,600 *	46.1	400.7	42,200 *	215
220							26.3	366.8	30,900 *	43.3	395.6	41,200 *	220
225							21.4	355.2	29,300 *	40.5	389.9	38,800 *	225
230							15.2	339.7	27,800 *	37.4	383.6	36,600 *	230
235										34.1	376.5	34,600 *	235
240										30.4	368.5	32,700 *	240
245										26.4	359.0	31,000 *	245
250										21.6	347.5	29,400 *	250
255										15.4	332.1	27,900 *	255
260										1.6	296.6	26,300 *	260



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

300 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
100	69.8	459.6	59,500 *										100
105	67.9	457.6	58,300 *										105
110	65.9	455.4	57,000 *										110
115	63.9	453.0	55,400 *										115
120	61.9	450.4	53,600 *										120
125	59.9	447.6	51,700 *	66.2	453.3	60,100 *							125
130	57.8	444.5	49,700 *	64.2	450.9	59,200 *							130
135	55.6	441.1	47,600 *	62.2	448.3	58,200 *							135
140	53.4	437.5	45,400 *	60.1	445.5	56,800 *							140
145	51.1	433.6	43,200 *	58.0	442.5	55,200 *							145
150	48.8	429.3	40,900 *	55.9	439.2	52,400 *							150
155	46.3	424.6	38,700 *	53.7	435.6	48,900 *							155
160	43.8	419.6	36,500 *	51.4	431.7	45,700 *	62.5	442.9	52,100 *				160
165	41.1	414.0	34,300 *	49.1	427.5	42,800 *	60.4	440.1	51,600 *				165
170	38.3	407.9	32,200 *	46.6	422.9	40,200 *	58.3	437.1	51,000 *				170
175	35.2	401.1	30,100 *	44.1	417.8	37,900 *	56.2	433.8	50,300 *				175
180	31.9	393.4	28,100 *	41.4	412.3	35,700 *	54.0	430.3	49,400 *				180
185	28.3	384.6	26,200 *	38.6	406.3	33,700 *	51.7	426.4	46,100 *				185
190	24.2	374.3	24,400 *	35.6	399.6	31,800 *	49.4	422.3	43,200 *				190
195	19.3	361.5	22,700 *	32.4	392.0	30,100 *	47.0	417.7	40,600 *				195
200	12.6	343.4	21,200 *	28.8	383.4	28,600 *	44.5	412.8	38,200 *	56.2	425.9	41,900 *	200
205				24.8	373.3	27,100 *	41.8	407.3	36,000 *	54.1	422.3	41,400 *	205
210				20.0	360.9	25,700 *	39.0	401.4	34,000 *	51.8	418.5	40,800 *	210
215				13.6	343.8	24,400 *	36.1	394.8	32,100 *	49.5	414.3	40,200 *	215
220							32.9	387.4	30,400 *	47.0	409.8	39,600 *	220
225							29.4	378.9	28,800 *	44.5	404.8	38,300 *	225
230							25.4	369.1	27,300 *	41.9	399.4	36,100 *	230
235							20.7	357.1	25,900 *	39.1	393.5	34,000 *	235
240							14.7	341.0	24,600 *	36.1	386.9	32,200 *	240
245										32.9	379.5	30,400 *	245
250										29.4	371.1	28,800 *	250
255										25.5	361.3	27,400 *	255
260										20.9	349.3	26,000 *	260
265										14.9	333.4	24,600 *	265
270										1.6	296.6	23,400 *	270



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

300 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
105	69.2	468.4	53,500 *										105
110	67.4	466.3	52,400 *										110
115	65.6	464.1	51,200 *										115
120	63.7	461.7	49,800 *										120
125	61.8	459.1	48,200 *	67.7	464.2	54,700 *							125
130	59.9	456.2	46,500 *	65.8	462.0	54,200 *							130
135	57.9	453.2	44,700 *	64.0	459.6	53,400 *							135
140	55.9	449.8	42,800 *	62.1	457.0	52,400 *							140
145	53.8	446.3	40,900 *	60.1	454.2	51,200 *							145
150	51.7	442.4	38,900 *	58.1	451.2	49,900 *							150
155	49.5	438.2	36,900 *	56.1	447.9	48,400 *							155
160	47.2	433.7	34,800 *	54.1	444.3	46,100 *							160
165	44.8	428.8	32,800 *	51.9	440.5	43,100 *	62.3	451.6	47,800 *				165
170	42.4	423.5	30,800 *	49.8	436.4	40,500 *	60.4	448.8	47,300 *				170
175	39.8	417.7	28,900 *	47.5	431.9	38,000 *	58.4	445.8	46,800 *				175
180	37.1	411.2	27,000 *	45.2	427.0	35,800 *	56.4	442.5	46,200 *				180
185	34.1	404.2	25,100 *	42.7	421.8	33,800 *	54.4	439.0	45,600 *				185
190	31.0	396.2	23,400 *	40.1	416.0	31,900 *	52.3	435.2	43,600 *				190
195	27.5	387.1	21,700 *	37.4	409.7	30,200 *	50.1	431.2	40,900 *				195
200	23.5	376.4	20,000 *	34.5	402.7	28,500 *	47.8	426.7	38,400 *				200
205	18.7	363.1	18,500 *	31.4	394.9	27,000 *	45.5	421.9	36,100 *	56.5	434.6	38,300 *	205
210	12.2	344.4	17,200 *	27.9	385.9	25,700 *	43.1	416.7	34,100 *	54.4	431.1	37,900 *	210
215				24.0	375.4	24,300 *	40.5	411.1	32,200 *	52.3	427.3	37,400 *	215
220				19.4	362.6	23,100 *	37.8	404.8	30,400 *	50.1	423.2	36,900 *	220
225				13.2	345.0	21,500 *	34.9	397.9	28,800 *	47.9	418.8	36,400 *	225
230							31.8	390.2	27,300 *	45.5	414.0	35,800 *	230
235							28.4	381.5	25,900 *	43.1	408.8	34,100 *	235
240							24.6	371.2	24,500 *	40.6	403.2	32,200 *	240
245							20.1	358.8	23,300 *	37.9	396.9	30,500 *	245
250							14.2	342.2	22,100 *	35.0	390.1	28,800 *	250
255										31.9	382.4	27,300 *	255
260										28.5	373.6	25,900 *	260
265										24.7	363.5	24,600 *	265
270										20.2	351.1	23,300 *	270
275										14.4	334.6	22,200 *	275
280										1.5	296.7	21,000 *	280



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
 Boom No. 49A-44 With Heavy Lift Top
 169,200 Lb. (2250) Crane Counterweight
 or 167,000 Lb. (M-250) Crane Counterweight
 60,000 Lb. Carbody Counterweight
 225,000 Lb. Wheeled Counterweight
 360 Degree Rating

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

300 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
105	70.5	479.0	48,800 *										105
110	68.7	477.1	48,000 *										110
115	67.0	475.1	47,000 *										115
120	65.3	472.8	45,800 *										120
125	63.5	470.4	44,600 *										125
130	61.7	467.7	43,200 *	67.2	472.9	49,300 *							130
135	59.9	464.9	41,600 *	65.5	470.7	48,800 *							135
140	58.0	461.8	40,000 *	63.7	468.3	48,100 *							140
145	56.1	458.5	38,300 *	61.9	465.7	47,200 *							145
150	54.2	455.0	36,500 *	60.1	462.9	46,100 *							150
155	52.2	451.2	34,700 *	58.3	459.8	44,900 *							155
160	50.1	447.1	32,900 *	56.4	456.6	43,600 *							160
165	48.0	442.7	31,000 *	54.4	453.1	42,100 *							165
170	45.8	438.0	29,200 *	52.4	449.3	39,900 *	62.2	460.2	44,500 *				170
175	43.5	432.8	27,400 *	50.4	445.2	37,500 *	60.4	457.4	44,100 *				175
180	41.1	427.2	25,600 *	48.3	440.9	35,300 *	58.5	454.4	43,700 *				180
185	38.6	421.2	23,800 *	46.1	436.2	33,200 *	56.6	451.2	43,200 *				185
190	36.0	414.5	22,100 *	43.8	431.1	31,400 *	54.7	447.8	42,600 *				190
195	33.1	407.1	20,400 *	41.4	425.6	29,600 *	52.7	444.0	40,300 *				195
200	30.1	398.9	18,800 *	38.9	419.6	28,000 *	50.7	440.0	37,900 *				200
205	26.7	389.4	17,300 *	36.3	413.0	26,500 *	48.6	435.7	35,600 *				205
210	22.8	378.4	15,900 *	33.5	405.7	25,100 *	46.4	431.0	33,500 *	56.7	443.3	35,700 *	210
215	18.2	364.7	14,500 *	30.5	397.6	23,800 *	44.1	426.0	31,600 *	54.7	439.8	35,300 *	215
220	11.8	345.5	13,300 *	27.1	388.3	22,200 *	41.8	420.6	29,900 *	52.8	436.1	34,900 *	220
225				23.3	377.5	20,500 *	39.3	414.6	28,300 *	50.7	432.1	34,400 *	225
230				18.8	364.2	18,800 *	36.7	408.2	26,700 *	48.6	427.8	34,000 *	230
235				12.8	346.1	17,300 *	33.9	401.0	25,300 *	46.4	423.1	33,600 *	235
240							30.9	393.0	24,000 *	44.2	418.1	31,700 *	240
245							27.6	383.9	22,800 *	41.8	412.7	29,900 *	245
250							23.9	373.4	21,600 *	39.4	406.7	28,300 *	250
255							19.5	360.5	20,500 *	36.8	400.3	26,800 *	255
260							13.8	343.4	19,500 *	34.0	393.1	25,400 *	260
265										31.0	385.1	24,100 *	265
270										27.7	376.1	22,800 *	270
275										24.0	365.6	21,700 *	275
280										19.6	352.8	20,600 *	280
285										14.0	335.8	19,500 *	285
290										1.4	296.8	18,500 *	290



Liftcrane Luffing Jib Capacities

MAX-ER 225
On 2250 or
M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

300 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
110	69.9	487.8	43,900 *										110
115	68.3	485.9	43,100 *										115
120	66.7	483.8	42,200 *										120
125	65.0	481.5	41,100 *										125
130	63.3	479.0	40,000 *										130
135	61.6	476.4	38,700 *	66.9	481.7	44,500 *							135
140	59.9	473.5	37,300 *	65.2	479.4	44,000 *							140
145	58.1	470.5	35,800 *	63.5	477.0	43,300 *							145
150	56.3	467.2	34,300 *	61.8	474.3	42,500 *							150
155	54.5	463.7	32,700 *	60.1	471.5	41,600 *							155
160	52.6	460.0	31,000 *	58.3	468.5	40,500 *							160
165	50.7	456.0	29,400 *	56.6	465.2	39,300 *							165
170	48.7	451.7	27,700 *	54.7	461.8	38,000 *							170
175	46.6	447.0	26,000 *	52.8	458.1	36,500 *	62.1	468.9	41,700 *				175
180	44.5	442.1	24,300 *	50.9	454.1	34,800 *	60.4	466.1	41,400 *				180
185	42.3	436.7	22,600 *	48.9	449.8	32,700 *	58.6	463.1	41,000 *				185
190	40.0	430.9	21,000 *	46.9	445.2	30,900 *	56.8	459.9	40,600 *				190
195	37.5	424.6	19,400 *	44.8	440.3	29,100 *	55.0	456.5	39,600 *				195
200	35.0	417.7	17,800 *	42.6	435.0	27,500 *	53.1	452.8	37,400 *				200
205	32.2	410.0	16,400 *	40.3	429.3	26,000 *	51.2	448.9	35,100 *				205
210	29.2	401.5	14,900 *	37.9	423.0	24,600 *	49.2	444.6	33,000 *				210
215	25.9	391.7	13,600 *	35.3	416.2	23,100 *	47.2	440.1	31,100 *	56.9	451.9	33,400 *	215
220	22.2	380.3	12,200 *	32.6	408.6	21,400 *	45.1	435.2	29,400 *	55.0	448.5	33,100 *	220
225	17.7	366.2	11,000 *	29.6	400.2	19,800 *	42.9	430.0	27,800 *	53.2	444.8	32,700 *	225
230	11.5	346.4	9,900 *	26.4	390.7	18,100 *	40.6	424.3	26,200 *	51.2	440.9	32,400 *	230
235				22.7	379.5	16,600 *	38.2	418.1	24,800 *	49.3	436.7	31,900 *	235
240				18.3	365.8	15,000 *	35.7	411.4	23,500 *	47.2	432.2	31,200 *	240
245				12.5	347.2	13,600 *	33.0	403.9	22,300 *	45.1	427.3	29,400 *	245
250							30.1	395.7	21,100 *	42.9	422.1	27,800 *	250
255							26.9	386.3	20,000 *	40.7	416.4	26,300 *	255
260							23.2	375.4	19,000 *	38.3	410.2	24,900 *	260
265							19.0	362.2	18,000 *	35.7	403.5	23,600 *	265
270							13.5	344.6	17,100 *	33.0	396.1	22,300 *	270
275										30.1	387.8	21,200 *	275
280										26.9	378.5	20,100 *	280
285										23.3	367.6	19,000 *	285
290										19.1	354.5	18,100 *	290
295										13.6	337.0	17,100 *	295
300										1.4	296.9	16,200 *	300



Liftcrane Luffing Jib Capacities

MAX-ER 225 On 2250 or M-250

Luffing Jib No. 133 or No. 133A On
Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Wheeled Counterweight
360 Degree Rating

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

300 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 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	
110	71.0	498.5	39,700 *										110
115	69.4	496.6	39,200 *										115
120	67.9	494.7	38,400 *										120
125	66.3	492.5	37,600 *										125
130	64.8	490.2	36,600 *										130
135	63.2	487.7	35,600 *										135
140	61.5	485.1	34,400 *	66.5	490.4	39,800 *							140
145	59.9	482.2	33,100 *	65.0	488.1	39,300 *							145
150	58.2	479.2	31,800 *	63.4	485.6	38,700 *							150
155	56.5	475.9	30,300 *	61.7	483.0	38,000 *							155
160	54.8	472.4	28,900 *	60.1	480.2	37,200 *							160
165	53.0	468.7	27,400 *	58.4	477.2	36,200 *							165
170	51.2	464.8	25,900 *	56.7	473.9	35,100 *							170
175	49.3	460.6	24,300 *	55.0	470.5	33,900 *							175
180	47.4	456.1	22,800 *	53.2	466.8	32,600 *	62.0	477.6	38,700 *				180
185	45.4	451.2	21,200 *	51.4	462.9	31,200 *	60.3	474.8	38,100 *				185
190	43.3	446.1	19,700 *	49.5	458.7	29,800 *	58.7	471.8	36,800 *				190
195	41.2	440.5	18,200 *	47.6	454.3	28,200 *	57.0	468.6	35,500 *				195
200	38.9	434.4	16,700 *	45.6	449.5	26,700 *	55.2	465.2	34,100 *				200
205	36.5	427.9	15,300 *	43.6	444.3	25,100 *	53.5	461.5	32,800 *				205
210	34.0	420.7	13,900 *	41.4	438.8	23,500 *	51.7	457.7	31,400 *				210
215	31.4	412.8	12,500 *	39.2	432.8	21,900 *	49.8	453.5	30,000 *				215
220	28.5	404.0	11,200 *	36.9	426.4	20,300 *	47.9	449.1	28,600 *	57.0	460.6	30,900 *	220
225	25.2	394.0	10,000 *	34.4	419.3	18,800 *	45.9	444.4	27,200 *	55.3	457.2	30,600 *	225
230	21.6	382.2	8,800 *	31.7	411.5	17,300 *	43.9	439.3	25,700 *	53.5	453.6	30,300 *	230
235	17.2	367.7	7,700 *	28.8	402.8	15,700 *	41.7	433.8	24,300 *	51.7	449.7	30,000 *	235
240	11.2	347.4	6,600 *	25.7	392.9	14,200 *	39.5	427.9	23,000 *	49.8	445.6	29,600 *	240
245				22.1	381.4	12,800 *	37.2	421.5	21,700 *	47.9	441.2	28,400 *	245
250				17.8	367.4	11,400 *	34.7	414.5	20,600 *	46.0	436.4	27,100 *	250
255				12.1	348.2	10,000 *	32.1	406.8	19,500 *	43.9	431.4	25,700 *	255
260							29.3	398.3	18,500 *	41.8	425.9	24,300 *	260
265							26.2	388.6	17,500 *	39.6	420.0	23,000 *	265
270							22.6	377.4	16,600 *	37.3	413.6	21,800 *	270
275							18.5	363.8	15,700 *	34.8	406.6	20,600 *	275
280							13.1	345.7	14,900 *	32.2	399.0	19,500 *	280
285										29.3	390.4	18,500 *	285
290										26.2	380.8	17,500 *	290
295										22.7	369.6	16,600 *	295
300										18.6	356.1	15,700 *	300
305										13.2	338.1	14,900 *	305
310										1.3	296.9	14,100 *	310