

# 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  
0 Lb. Wheeled Counterweight  
360 Degree Rating**

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

## MAX-ER 225 On 2250 or M-250

**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 0 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.



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# 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  
0 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	162,100 b							60
65	55.3	207.8	128,400 *b	62.4	211.3	146,400 b							65
70	50.0	203.9	113,000 *	57.6	208.3	133,300 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	106,700 b				80
85	30.5	185.5	82,300 *	41.1	194.9	95,200 *	54.7	203.4	99,000				85
90	20.7	174.5	75,200 *	34.2	188.2	86,100 *	49.4	199.4	92,300				90
95				25.8	179.2	78,400 *	43.7	194.5	86,300	56.5	200.9	81,400 b	95
100				12.6	163.9	71,900 *	37.3	188.4	81,000	51.4	197.1	76,400	100
105							29.6	180.5	76,200	45.8	192.5	71,900	105
110							19.3	169.0	71,800	39.7	186.9	67,900	110
115										32.6	179.8	64,200	115
120										23.5	170.0	60,800	120
125										6.5	149.8	57,600	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	145,900 b							65
70	55.9	216.5	113,500 *	62.1	220.0	132,800 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	98,500				85
90	35.4	196.3	75,500 *	43.8	204.3	86,400 *	55.4	212.2	91,700				90
95	28.5	188.0	69,300 *	38.3	198.4	78,700 *	50.9	208.3	85,800				95
100	19.3	176.2	64,000 *	31.9	191.1	72,100 *	46.0	203.7	80,500	57.0	209.6	75,800	100
105				24.0	181.3	66,500 *	40.7	198.2	75,800	52.5	205.9	71,300	105
110				11.7	164.9	61,500 *	34.7	191.6	71,500	47.8	201.6	67,300	110
115							27.6	183.0	67,600	42.7	196.5	63,700	115
120							18.0	170.5	63,500 *	37.0	190.3	60,400	120
125										30.3	182.5	57,300	125
130										21.9	171.9	54,500	130
135										6.0	150.3	51,800	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  
0 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	132,400 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	91,300				90
95	38.8	206.4	69,500 *	45.9	213.6	78,900 *	55.9	220.9	85,400				95
100	33.3	199.3	64,100 *	41.2	208.1	72,300 *	51.9	217.1	80,100				100
105	26.8	190.4	59,500 *	36.0	201.7	66,600 *	47.7	212.8	75,400	57.3	218.3	70,900	105
110	18.1	177.8	55,300 *	30.0	193.7	61,600 *	43.2	207.7	71,200	53.4	214.7	66,900	110
115				22.6	183.2	57,200 *	38.2	201.7	67,300	49.3	210.6	63,300	115
120				11.0	165.8	53,300 *	32.6	194.5	63,700 *	44.9	205.8	60,000	120
125							25.9	185.3	59,000 *	40.1	200.2	57,000	125
130							16.9	172.0	55,000 *	34.7	193.4	54,200	130
135										28.5	185.0	51,700	135
140										20.6	173.7	49,300	140
145										5.6	150.7	46,900	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  
 0 Lb. Wheeled Counterweight  
 360 Degree Rating

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## 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	120,900							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	84,800				95
100	41.3	216.1	64,200 *	47.4	222.6	72,400 *	56.3	229.6	79,600				100
105	36.7	209.8	59,500 *	43.4	217.6	66,700 *	52.8	225.9	74,900				105
110	31.5	202.2	55,300 *	38.9	211.7	61,600 *	49.1	221.8	70,700	57.6	226.9	66,300	110
115	25.3	192.6	51,600 *	34.0	204.8	57,200 *	45.1	217.0	66,800	54.1	223.5	62,700	115
120	17.1	179.2	48,300 *	28.4	196.3	53,300 *	40.8	211.5	63,400	50.4	219.5	59,400	120
125				21.4	185.1	49,800 *	36.2	205.0	59,000 *	46.6	214.9	56,400	125
130				10.4	166.6	46,600 *	30.9	197.3	54,900 *	42.4	209.7	53,700	130
135							24.5	187.4	51,300 *	37.9	203.6	51,100	135
140							16.0	173.3	48,000 *	32.9	196.4	48,800	140
145										27.0	187.4	46,600	145
150										19.5	175.4	44,600	150
155										5.2	151.1	42,500	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  
0 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	120,400							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	84,300				95
100	47.0	230.6	65,600 *	52.1	235.9	74,000 *	59.8	241.5	79,100				100
105	43.3	225.5	60,700 *	48.7	231.6	68,100 *	56.7	238.3	74,400				105
110	39.3	219.7	56,500 *	45.1	226.8	63,000 *	53.5	234.7	70,200				110
115	34.9	212.9	52,700 *	41.2	221.4	58,500 *	50.1	230.7	66,400	57.8	235.6	62,200	115
120	30.0	204.8	49,300 *	37.0	215.1	54,500 *	46.6	226.1	62,900	54.6	232.2	58,900	120
125	24.1	194.8	46,300 *	32.4	207.7	50,900 *	42.9	221.0	59,700	51.4	228.3	55,900	125
130	16.3	180.7	43,500 *	27.0	198.7	47,700 *	38.8	215.0	56,100 *	47.9	224.0	53,200	130
135				20.3	186.9	44,800 *	34.4	208.1	52,400 *	44.2	219.0	50,700	135
140				9.9	167.5	41,700 *	29.4	199.9	49,000 *	40.3	213.4	48,400	140
145							23.4	189.5	46,000 *	36.0	206.9	46,200	145
150							15.2	174.6	43,300 *	31.3	199.2	44,200	150
155										25.7	189.7	42,300	155
160										18.5	177.0	40,500	160
165										5.0	151.5	38,700	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  
 0 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	78,500				100
105	48.2	239.6	60,300 *	52.8	244.7	67,700 *	59.8	250.1	73,800				105
110	44.9	234.8	56,100 *	49.7	240.6	62,600 *	57.0	247.0	69,600				110
115	41.3	229.3	52,300 *	46.5	236.0	58,000 *	54.0	243.4	65,800				115
120	37.5	223.1	48,900 *	43.0	230.8	54,000 *	51.0	239.5	62,400	58.0	244.3	58,300	120
125	33.4	215.9	45,900 *	39.4	225.0	50,500 *	47.8	235.2	59,200	55.1	240.9	55,300	125
130	28.6	207.4	43,100 *	35.4	218.3	47,300 *	44.5	230.2	55,700 *	52.1	237.1	52,600	130
135	23.0	196.8	40,600 *	30.9	210.4	44,400 *	40.9	224.7	51,900 *	49.0	232.9	50,100	135
140	15.6	182.0	38,300 *	25.8	200.9	41,800 *	37.1	218.4	48,600 *	45.7	228.2	47,800	140
145				19.4	188.6	39,400 *	32.9	211.1	45,600 *	42.2	222.9	45,700	145
150				9.4	168.3	36,800 *	28.1	202.4	42,900 *	38.5	216.9	43,700	150
155							22.3	191.4	40,400 *	34.4	210.0	41,800	155
160							14.5	175.9	38,100 *	29.9	201.9	40,100	160
165										24.5	191.9	38,400	165
170										17.7	178.5	36,900	170
175										4.7	151.8	35,300	175



# Liftcrane Luffing Jib Capacities

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**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  
0 Lb. Wheeled Counterweight  
360 Degree Rating

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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	73,600				105
110	49.2	248.6	56,200 *	53.4	253.4	62,800 *	59.8	258.8	69,400				110
115	46.2	243.9	52,400 *	50.6	249.4	58,200 *	57.2	255.6	65,600				115
120	43.0	238.8	49,000 *	47.6	245.0	54,200 *	54.5	252.2	62,200				120
125	39.6	233.0	45,900 *	44.5	240.1	50,600 *	51.7	248.4	59,000				125
130	36.0	226.4	43,100 *	41.3	234.6	47,300 *	48.9	244.1	55,800 *	55.5	249.6	52,400	130
135	32.0	218.8	40,600 *	37.7	228.4	44,400 *	45.8	239.4	52,100 *	52.8	245.9	49,900	135
140	27.5	209.8	38,300 *	33.9	221.3	41,800 *	42.6	234.2	48,700 *	49.9	241.8	47,600	140
145	22.1	198.7	36,200 *	29.7	213.1	39,400 *	39.2	228.3	45,600 *	46.9	237.3	45,500	145
150	14.9	183.3	34,200 *	24.8	203.1	37,200 *	35.6	221.6	42,900 *	43.8	232.3	43,500	150
155				18.6	190.2	35,100 *	31.5	213.9	40,400 *	40.5	226.7	41,600	155
160				9.0	169.0	32,900 *	26.9	204.8	38,100 *	36.9	220.3	39,900	160
165							21.4	193.3	36,000 *	33.0	213.0	38,300	165
170							13.9	177.1	34,000 *	28.7	204.4	36,800	170
175										23.5	194.0	35,300	175
180										17.0	180.0	33,900	180
185										4.5	152.2	32,500	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  
0 Lb. Wheeled Counterweight  
360 Degree Rating

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

## 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	68,800				110
115	50.0	257.5	52,000 *	53.9	262.2	57,800 *	59.8	267.4	65,100				115
120	47.3	253.0	48,500 *	51.3	258.3	53,700 *	57.4	264.3	61,600				120
125	44.4	248.0	45,500 *	48.6	254.0	50,100 *	54.9	260.9	58,500				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	49,300	135
140	34.6	229.5	37,800 *	39.7	238.2	41,300 *	47.0	248.5	48,200 *	53.3	254.7	47,000	140
145	30.8	221.6	35,700 *	36.3	231.7	38,900 *	44.1	243.5	45,200 *	50.7	250.7	44,900	145
150	26.4	212.2	33,800 *	32.6	224.3	36,700 *	41.0	237.9	42,400 *	48.0	246.3	43,000	150
155	21.3	200.6	31,900 *	28.6	215.6	34,700 *	37.7	231.7	39,900 *	45.1	241.5	41,100	155
160	14.4	184.5	30,300 *	23.8	205.2	32,800 *	34.2	224.7	37,600 *	42.1	236.2	39,400	160
165				17.9	191.8	31,100 *	30.3	216.6	35,500 *	38.9	230.2	37,800	165
170				8.7	169.7	29,200 *	25.9	207.1	33,600 *	35.5	223.5	36,300	170
175							20.6	195.1	31,800 *	31.8	215.8	34,900	175
180							13.4	178.2	30,100 *	27.6	206.9	33,500	180
185										22.7	195.9	32,200	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  
0 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	64,600				115
120	50.7	266.3	48,900 *	54.3	270.9	54,200 *	59.8	276.1	61,200				120
125	48.2	262.0	45,800 *	51.9	267.1	50,500 *	57.6	273.0	58,000				125
130	45.6	257.2	43,000 *	49.4	262.9	47,200 *	55.3	269.6	55,200				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	46,500	140
145	36.8	239.8	35,900 *	41.3	247.8	39,100 *	47.9	257.5	45,500 *	53.8	263.5	44,400	145
150	33.4	232.5	33,900 *	38.3	241.7	36,900 *	45.3	252.7	42,700 *	51.3	259.6	42,500	150
155	29.7	224.2	32,100 *	35.0	234.9	34,900 *	42.5	247.4	40,200 *	48.8	255.3	40,600	155
160	25.5	214.4	30,400 *	31.5	227.1	33,000 *	39.5	241.6	37,800 *	46.2	250.6	38,900	160
165	20.5	202.4	28,900 *	27.5	218.1	31,200 *	36.4	235.0	35,700 *	43.5	245.5	37,300	165
170	13.9	185.7	26,600 *	23.0	207.3	29,600 *	33.0	227.7	33,800 *	40.6	239.9	35,800	170
175				17.3	193.3	28,100 *	29.3	219.2	32,000 *	37.6	233.6	34,400	175
180				8.4	170.4	25,100 *	25.0	209.3	30,300 *	34.3	226.6	33,100	180
185							19.9	196.9	28,700 *	30.7	218.6	31,800	185
190							12.9	179.3	27,300 *	26.6	209.2	30,600	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  
 0 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	60,600				120
125	51.3	275.2	45,600 *	54.7	279.6	50,400 *	59.8	284.8	57,500				125
130	49.0	270.9	42,700 *	52.4	275.9	47,000 *	57.7	281.7	54,600				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	43,900	145
150	38.5	249.7	33,600 *	42.6	257.3	36,600 *	48.7	266.5	42,500 *	54.2	272.2	41,900	150
155	35.5	243.0	31,800 *	39.9	251.5	34,500 *	46.3	261.8	39,900 *	51.9	268.4	40,100	155
160	32.3	235.4	30,100 *	37.0	245.1	32,600 *	43.7	256.7	37,500 *	49.6	264.2	38,400	160
165	28.7	226.8	28,500 *	33.9	237.9	30,900 *	41.1	251.2	35,400 *	47.2	259.7	36,800	165
170	24.7	216.6	27,000 *	30.4	229.8	29,200 *	38.2	245.0	33,400 *	44.7	254.8	35,300	170
175	19.8	204.1	25,600 *	26.6	220.5	27,700 *	35.2	238.2	31,600 *	42.0	249.4	33,900	175
180	13.4	186.8	23,600 *	22.2	209.2	26,300 *	31.9	230.5	29,900 *	39.3	243.5	32,600	180
185				16.7	194.7	25,000 *	28.3	221.8	28,400 *	36.3	236.9	31,300	185
190				8.1	171.1	22,300 *	24.2	211.4	26,900 *	33.1	229.6	30,100	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

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  
0 Lb. Wheeled Counterweight  
360 Degree Rating

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

## MAX-ER 225

### On 2250 or M-250

### 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	57,200				125
130	51.9	284.0	42,400 *	55.0	288.4	46,700 *	59.9	293.4	54,400				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	41,600	150
155	40.1	259.5	31,500 *	43.8	266.6	34,200 *	49.5	275.4	39,600 *	54.5	280.9	39,800	155
160	37.3	253.1	29,800 *	41.3	261.1	32,300 *	47.2	270.9	37,200 *	52.4	277.2	38,100	160
165	34.4	246.1	28,200 *	38.6	255.0	30,600 *	44.8	266.0	35,100 *	50.2	273.1	36,500	165
170	31.3	238.2	26,700 *	35.8	248.3	28,900 *	42.4	260.6	33,100 *	48.0	268.7	35,000	170
175	27.8	229.2	25,300 *	32.8	240.9	27,400 *	39.8	254.8	31,300 *	45.7	263.9	33,600	175
180	23.9	218.7	24,100 *	29.5	232.5	26,000 *	37.0	248.4	29,600 *	43.3	258.8	32,300	180
185	19.2	205.8	22,900 *	25.8	222.7	24,700 *	34.1	241.3	28,100 *	40.7	253.1	31,100	185
190	13.0	188.0	21,000 *	21.6	211.1	23,400 *	30.9	233.3	26,600 *	38.0	246.9	29,900	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  
0 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	53,800				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	39,300	155
160	41.4	269.0	29,200 *	44.8	275.8	31,800 *	50.1	284.3	36,700 *	54.8	289.6	37,600	160
165	38.9	263.0	27,700 *	42.5	270.5	30,000 *	48.0	279.9	34,600 *	52.9	285.9	36,000	165
170	36.2	256.4	26,200 *	40.1	264.7	28,400 *	45.8	275.1	32,600 *	50.8	281.9	34,500	170
175	33.4	249.1	24,800 *	37.5	258.4	26,900 *	43.5	270.0	30,800 *	48.7	277.7	33,100	175
180	30.4	240.9	23,500 *	34.8	251.5	25,500 *	41.1	264.4	29,100 *	46.6	273.0	31,800	180
185	27.0	231.6	22,300 *	31.8	243.7	24,100 *	38.6	258.3	27,500 *	44.3	268.0	30,600	185
190	23.2	220.8	21,200 *	28.6	235.0	22,900 *	35.9	251.7	26,100 *	42.0	262.6	29,400	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  
0 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	37,100	160
165	42.5	278.5	27,200 *	45.7	285.0	29,500 *	50.6	293.1	34,100 *	55.1	298.4	35,500	165
170	40.2	272.7	25,700 *	43.6	279.8	27,900 *	48.6	288.8	32,100 *	53.3	294.7	34,100	170
175	37.8	266.4	24,300 *	41.3	274.3	26,400 *	46.6	284.2	30,300 *	51.3	290.8	32,700	175
180	35.2	259.6	23,000 *	38.9	268.3	25,000 *	44.5	279.2	28,600 *	49.4	286.6	31,400	180
185	32.5	252.0	21,800 *	36.5	261.7	23,700 *	42.3	273.9	27,000 *	47.3	282.1	30,100	185
190	29.5	243.6	20,700 *	33.8	254.5	22,400 *	39.9	268.1	25,600 *	45.2	277.2	29,000	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  
0 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	35,000	165
170	43.5	287.8	25,400 *	46.5	294.1	27,600 *	51.1	302.0	31,900 *	55.4	307.1	33,500	170
175	41.4	282.2	24,000 *	44.5	289.1	26,100 *	49.3	297.8	30,100 *	53.6	303.5	32,100	175
180	39.1	276.3	22,700 *	42.4	283.7	24,700 *	47.3	293.2	28,300 *	51.8	299.6	30,800	180
185	36.8	269.8	21,500 *	40.2	278.0	23,300 *	45.3	288.4	26,800 *	49.9	295.5	29,600	185
190	34.3	262.7	20,300 *	37.9	271.7	22,100 *	43.3	283.2	25,300 *	48.0	291.1	28,400	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  
0 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	144,000 b							65
70	52.6	225.7	120,000 *	61.0	230.1	131,100 b							70
75	47.2	221.4	106,400 *	56.1	226.9	120,300 b							75
80	41.2	216.0	95,300 *	50.9	223.1	111,000							80
85	34.4	209.3	86,200 *	45.3	218.4	102,600 *	59.8	226.2	96,300 b				85
90	26.0	200.4	78,500 *	39.1	212.7	92,200 *	54.9	222.9	89,800 b				90
95	13.0	185.3	72,000 *	31.9	205.4	83,600 *	49.6	218.9	84,000				95
100				22.6	195.3	76,300 *	43.9	214.0	78,800				100
105							37.5	208.0	74,200	53.3	217.4	69,100	105
110							29.9	200.2	70,000	47.9	213.1	65,200	110
115							19.7	188.8	66,100	42.0	207.9	61,700	115
120										35.3	201.4	58,500	120
125										27.2	192.8	55,500	125
130										15.3	179.2	52,700	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	130,600 b							70
75	53.6	234.5	106,900 *	60.8	238.8	119,800 b							75
80	49.0	230.4	95,700 *	56.6	235.6	110,500							80
85	43.9	225.5	86,500 *	52.1	231.9	102,500							85
90	38.4	219.5	78,800 *	47.4	227.6	92,600 *	59.8	234.9	89,200				90
95	32.0	212.2	72,200 *	42.2	222.4	83,900 *	55.5	231.6	83,400				95
100	24.2	202.5	66,500 *	36.5	216.0	76,600 *	51.0	227.8	78,300				100
105	12.0	186.3	61,500 *	29.7	208.1	70,300 *	46.2	223.2	73,700				105
110				21.1	197.1	64,900 *	40.9	217.8	69,500	54.2	226.1	64,600	110
115							34.9	211.1	65,800	49.6	222.1	61,100	115
120							27.9	202.6	62,300	44.6	217.3	57,900	120
125							18.4	190.4	59,100	39.1	211.5	55,000	125
130										32.9	204.4	52,300	130
135										25.3	195.1	49,800	135
140										14.2	180.4	47,500	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  
 0 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	130,200 b							70
75	58.2	246.7	107,300 *	64.4	250.1	119,400 b							75
80	54.3	243.3	96,000 *	60.7	247.4	110,100							80
85	50.3	239.3	86,800 *	57.0	244.3	102,100							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	82,900				95
100	36.1	222.8	66,700 *	44.5	231.7	76,800 *	56.1	240.3	77,800				100
105	30.1	214.9	61,700 *	39.7	226.0	70,500 *	52.1	236.6	73,300				105
110	22.7	204.5	57,300 *	34.3	219.1	65,000 *	47.9	232.3	69,100				110
115	11.3	187.3	53,400 *	27.9	210.6	60,200 *	43.4	227.2	65,400	54.9	234.9	60,700	115
120				19.8	198.8	56,000 *	38.4	221.3	62,000	50.8	231.0	57,500	120
125							32.8	214.1	58,900	46.5	226.4	54,600	125
130							26.2	205.0	56,000	41.9	221.1	52,000	130
135							17.3	191.9	53,300	36.8	214.9	49,500	135
140										30.9	207.2	47,200	140
145										23.8	197.2	45,100	145
150										13.4	181.6	43,100	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  
0 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	118,800							75
80	58.4	255.4	96,500 *	63.9	258.8	109,600							80
85	54.9	252.0	87,100 *	60.7	256.1	101,600							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	77,200				100
105	39.0	232.8	61,700 *	46.2	240.9	70,600 *	56.5	249.0	72,700				105
110	34.1	225.9	57,300 *	42.1	235.6	65,100 *	52.9	245.4	68,600				110
115	28.5	217.4	53,400 *	37.5	229.4	60,200 *	49.2	241.2	64,900				115
120	21.5	206.4	49,900 *	32.4	222.1	56,000 *	45.2	236.5	61,500	55.4	243.6	56,900	120
125	10.7	188.1	46,700 *	26.4	212.9	52,200 *	41.0	231.0	58,400	51.8	239.8	54,000	125
130				18.7	200.5	48,800 *	36.3	224.6	55,600	48.0	235.5	51,400	130
135							31.1	216.9	52,900	44.0	230.5	48,900	135
140							24.8	207.1	50,500	39.6	224.8	46,700	140
145							16.3	193.3	48,100 *	34.8	218.0	44,600	145
150										29.3	209.8	42,600	150
155										22.5	199.1	40,800	155
160										12.6	182.6	39,000	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  
0 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	109,100							80
85	58.5	264.0	89,000 *	63.6	267.5	101,100							85
90	55.4	260.7	80,900 *	60.6	264.8	94,200							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	76,700				100
105	45.1	247.9	63,000 *	51.1	254.3	72,100 *	59.9	260.9	72,200				105
110	41.3	242.5	58,500 *	47.6	249.9	66,500 *	56.8	257.7	68,100				110
115	37.1	236.2	54,500 *	43.9	244.9	61,500 *	53.6	254.1	64,400				115
120	32.5	228.8	50,900 *	40.0	239.2	57,200 *	50.3	250.1	61,000				120
125	27.1	219.9	47,700 *	35.7	232.7	53,300 *	46.7	245.6	57,900	55.8	252.3	53,500	125
130	20.5	208.1	44,800 *	30.8	224.8	49,900 *	43.0	240.5	55,100	52.6	248.6	50,800	130
135	10.1	189.0	41,200 *	25.2	215.1	46,800 *	39.0	234.6	52,500	49.2	244.4	48,400	135
140				17.8	202.0	44,000 *	34.6	227.7	50,100	45.6	239.7	46,200	140
145							29.6	219.5	47,900	41.8	234.4	44,100	145
150							23.6	209.2	45,800	37.7	228.2	42,200	150
155							15.5	194.6	43,300 *	33.1	221.0	40,400	155
160										27.9	212.3	38,700	160
165										21.4	201.0	37,100	165
170										12.0	183.7	35,600	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  
0 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	100,600							85
90	58.7	272.7	81,200 *	63.3	276.2	93,600							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	71,600				105
110	46.5	257.1	58,400 *	51.9	263.1	66,500 *	59.9	269.5	67,500				110
115	43.1	251.9	54,400 *	48.7	258.9	61,500 *	57.1	266.4	63,800				115
120	39.4	246.1	50,800 *	45.4	254.2	57,100 *	54.2	262.9	60,500				120
125	35.4	239.4	47,500 *	41.9	248.8	53,200 *	51.1	259.0	57,400				125
130	31.0	231.6	44,600 *	38.2	242.7	49,700 *	48.0	254.6	54,600	56.2	261.0	50,200	130
135	25.9	222.1	42,000 *	34.1	235.7	46,600 *	44.6	249.7	52,000	53.2	257.4	47,800	135
140	19.6	209.8	39,500 *	29.5	227.5	43,700 *	41.1	244.2	49,600	50.2	253.3	45,600	140
145	9.7	189.8	36,400 *	24.0	217.3	41,200 *	37.2	238.0	47,400	47.0	248.8	43,600	145
150				17.0	203.5	38,800 *	33.0	230.7	45,300	43.6	243.8	41,700	150
155							28.2	222.0	43,100 *	39.9	238.0	39,900	155
160							22.5	211.2	40,600 *	36.0	231.5	38,200	160
165							14.9	195.9	38,300 *	31.6	223.8	36,600	165
170										26.6	214.6	35,200	170
175										20.5	202.8	33,700	175
180										11.5	184.6	32,400	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  
0 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	100,300							85
90	61.3	284.3	81,100 *	65.5	287.3	93,400							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	67,200				110
115	47.7	266.1	54,200 *	52.5	271.9	61,300 *	59.9	278.2	63,600				115
120	44.6	261.2	50,600 *	49.7	267.8	56,900 *	57.3	275.1	60,200				120
125	41.3	255.7	47,400 *	46.7	263.3	53,000 *	54.6	271.6	57,200				125
130	37.8	249.5	44,500 *	43.5	258.2	49,600 *	51.8	267.8	54,400				130
135	34.0	242.5	41,800 *	40.2	252.5	46,400 *	49.0	263.6	51,800	56.5	269.7	47,600	135
140	29.7	234.3	39,400 *	36.6	246.1	43,600 *	45.9	258.9	49,400	53.8	266.1	45,400	140
145	24.8	224.3	37,200 *	32.7	238.7	41,000 *	42.8	253.7	47,200	51.0	262.2	43,300	145
150	18.8	211.5	35,100 *	28.3	230.0	38,700 *	39.4	247.8	45,200	48.1	257.8	41,400	150
155	9.3	190.6	32,500 *	23.1	219.3	36,500 *	35.7	241.2	43,000 *	45.0	253.0	39,700	155
160				16.3	204.9	34,500 *	31.7	233.5	40,500 *	41.7	247.6	38,000	160
165							27.1	224.4	38,200 *	38.3	241.5	36,500	165
170							21.6	213.1	36,100 *	34.5	234.6	35,000	170
175							14.2	197.1	34,100 *	30.3	226.5	33,600	175
180										25.5	216.9	32,300	180
185										19.7	204.5	31,100	185
190										11.0	185.5	29,800	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  
 0 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	92,900							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	63,000				115
120	48.6	275.1	50,200 *	53.1	280.7	56,500 *	59.9	286.9	59,700				120
125	45.8	270.4	46,900 *	50.5	276.7	52,600 *	57.5	283.8	56,600				125
130	42.9	265.2	44,000 *	47.7	272.3	49,100 *	55.0	280.3	53,800				130
135	39.7	259.4	41,300 *	44.9	267.4	46,000 *	52.5	276.6	51,300				135
140	36.4	252.8	38,900 *	41.9	262.0	43,100 *	49.8	272.5	48,900	56.7	278.4	44,800	140
145	32.7	245.4	36,700 *	38.7	256.0	40,600 *	47.1	268.0	46,700	54.2	274.9	42,800	145
150	28.6	236.8	34,700 *	35.2	249.2	38,200 *	44.2	263.0	44,700	51.7	271.0	40,900	150
155	23.9	226.4	32,800 *	31.4	241.5	36,100 *	41.1	257.5	42,500 *	49.0	266.8	39,100	155
160	18.1	213.0	31,100 *	27.2	232.4	34,100 *	37.9	251.3	40,000 *	46.2	262.1	37,500	160
165	8.9	191.3	28,800 *	22.2	221.2	32,300 *	34.3	244.3	37,700 *	43.2	257.0	35,900	165
170				15.7	206.2	30,600 *	30.5	236.3	35,600 *	40.1	251.3	34,500	170
175							26.1	226.7	33,700 *	36.8	244.9	33,100	175
180							20.8	214.9	31,900 *	33.2	237.6	31,800	180
185							13.7	198.3	30,200 *	29.2	229.2	30,600	185
190										24.6	219.1	29,400	190
195										18.9	206.2	28,300	195
200										10.6	186.4	27,200	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  
0 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	86,300							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	59,200				120
125	49.4	284.0	47,300 *	53.6	289.5	53,000 *	59.9	295.5	56,100				125
130	46.9	279.5	44,300 *	51.1	285.6	49,500 *	57.7	292.4	53,300				130
135	44.2	274.5	41,600 *	48.6	281.3	46,300 *	55.4	289.1	50,800				135
140	41.3	269.0	39,200 *	46.0	276.6	43,400 *	53.0	285.4	48,400				140
145	38.3	262.8	36,900 *	43.3	271.4	40,800 *	50.5	281.4	46,200	57.0	287.1	42,200	145
150	35.1	256.0	34,900 *	40.4	265.7	38,400 *	48.0	277.0	44,200	54.6	283.6	40,400	150
155	31.5	248.3	33,000 *	37.3	259.4	36,300 *	45.4	272.2	42,300	52.2	279.8	38,600	155
160	27.6	239.3	31,200 *	34.0	252.3	34,300 *	42.6	266.9	40,200 *	49.8	275.7	37,000	160
165	23.1	228.5	29,600 *	30.3	244.2	32,400 *	39.6	261.1	37,900 *	47.2	271.2	35,400	165
170	17.4	214.6	28,100 *	26.2	234.7	30,700 *	36.5	254.6	35,800 *	44.5	266.3	34,000	170
175	8.6	192.0	24,800 *	21.4	223.1	29,100 *	33.1	247.3	33,800 *	41.7	260.8	32,600	175
180				15.2	207.5	27,600 *	29.4	238.9	32,000 *	38.7	254.8	31,400	180
185							25.2	229.0	30,300 *	35.5	248.1	30,200	185
190							20.1	216.7	28,800 *	32.0	240.5	29,000	190
195							13.2	199.4	27,300 *	28.2	231.7	27,900	195
200										23.7	221.1	26,900	200
205										18.3	207.8	25,900	205
210										10.2	187.3	24,900	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  
0 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	55,600				125
130	50.2	292.9	44,100 *	54.0	298.2	49,300 *	59.9	304.2	52,800				130
135	47.8	288.5	41,400 *	51.7	294.4	46,100 *	57.8	301.1	50,200				135
140	45.3	283.7	38,900 *	49.4	290.2	43,200 *	55.7	297.8	47,900				140
145	42.7	278.4	36,600 *	47.0	285.6	40,600 *	53.4	294.1	45,700				145
150	39.9	272.6	34,600 *	44.5	280.7	38,200 *	51.2	290.2	43,700	57.2	295.7	39,800	150
155	37.0	266.2	32,700 *	41.8	275.3	36,000 *	48.8	286.0	41,800	55.0	292.3	38,000	155
160	33.9	259.1	30,900 *	39.0	269.3	33,900 *	46.4	281.3	40,000 *	52.8	288.6	36,400	160
165	30.5	251.0	29,300 *	36.1	262.7	32,100 *	43.8	276.2	37,600 *	50.5	284.6	34,900	165
170	26.7	241.6	27,700 *	32.8	255.3	30,400 *	41.2	270.7	35,500 *	48.1	280.2	33,400	170
175	22.3	230.4	26,300 *	29.3	246.8	28,800 *	38.3	264.6	33,500 *	45.6	275.4	32,100	175
180	16.8	216.0	25,000 *	25.4	237.0	27,300 *	35.3	257.8	31,700 *	43.0	270.2	30,800	180
185	8.3	192.7	22,000 *	20.7	224.9	25,900 *	32.0	250.2	30,000 *	40.3	264.5	29,600	185
190				14.7	208.8	24,600 *	28.4	241.4	28,400 *	37.4	258.2	28,500	190
195							24.3	231.1	26,900 *	34.3	251.2	27,400	195
200							19.4	218.4	25,600 *	31.0	243.2	26,400	200
205							12.8	200.5	24,300 *	27.2	234.1	25,400	205
210										22.9	223.2	24,500	210
215										17.7	209.3	23,600	215
220										9.9	188.1	22,700	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  
0 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 Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
85	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	52,500				130
135	50.8	301.8	41,100 *	54.4	307.0	45,800 *	59.9	312.8	50,000				135
140	48.5	297.4	38,600 *	52.2	303.2	42,900 *	57.9	309.8	47,600				140
145	46.2	292.8	36,300 *	50.1	299.1	40,300 *	55.9	306.5	45,400				145
150	43.8	287.7	34,300 *	47.8	294.7	37,900 *	53.9	302.9	43,400				150
155	41.3	282.2	32,400 *	45.5	289.9	35,700 *	51.7	299.0	41,500	57.3	304.4	37,800	155
160	38.7	276.1	30,600 *	43.0	284.7	33,600 *	49.5	294.9	39,700 *	55.3	301.0	36,100	160
165	35.9	269.5	29,000 *	40.5	279.0	31,800 *	47.3	290.4	37,300 *	53.2	297.4	34,600	165
170	32.9	262.0	27,400 *	37.8	272.7	30,100 *	44.9	285.5	35,200 *	51.1	293.4	33,200	170
175	29.6	253.6	26,000 *	34.9	265.8	28,500 *	42.4	280.2	33,200 *	48.8	289.2	31,800	175
180	25.9	243.9	24,700 *	31.8	258.1	27,000 *	39.9	274.3	31,400 *	46.5	284.5	30,600	180
185	21.6	232.3	23,400 *	28.4	249.3	25,600 *	37.1	268.0	29,700 *	44.2	279.5	29,400	185
190	16.3	217.4	22,300 *	24.6	239.1	24,300 *	34.2	260.9	28,100 *	41.7	274.1	28,300	190
195	8.0	193.4	19,500 *	20.1	226.7	23,100 *	31.0	252.9	26,600 *	39.0	268.1	27,200	195
200				14.2	210.0	21,900 *	27.5	243.9	25,300 *	36.3	261.5	26,200	200
205							23.6	233.2	24,000 *	33.3	254.2	25,200	205
210							18.8	220.0	22,800 *	30.0	245.9	24,300	210
215							12.4	201.6	21,700 *	26.4	236.4	23,400	215
220										22.2	225.1	22,500	220
225										17.1	210.8	21,700	225
230										9.5	188.9	20,900	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  
0 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 Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
90	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	49,400				135
140	51.3	310.6	38,100 *	54.7	315.7	42,400 *	59.9	321.5	47,100				140
145	49.2	306.4	35,800 *	52.7	312.0	39,700 *	58.1	318.4	44,900				145
150	47.1	301.8	33,700 *	50.7	307.9	37,300 *	56.2	315.2	42,900				150
155	44.9	296.9	31,800 *	48.6	303.6	35,100 *	54.2	311.6	41,000				155
160	42.5	291.6	30,100 *	46.4	299.0	33,100 *	52.2	307.8	39,100 *	57.5	313.1	35,600	160
165	40.1	285.8	28,400 *	44.1	293.9	31,200 *	50.2	303.8	36,800 *	55.6	309.7	34,000	165
170	37.5	279.5	26,900 *	41.8	288.5	29,500 *	48.0	299.4	34,600 *	53.6	306.1	32,600	170
175	34.8	272.6	25,500 *	39.3	282.6	27,900 *	45.8	294.6	32,700 *	51.6	302.2	31,300	175
180	31.9	264.9	24,200 *	36.7	276.1	26,400 *	43.6	289.5	30,800 *	49.5	298.1	30,000	180
185	28.7	256.2	22,900 *	33.9	268.9	25,100 *	41.2	283.9	29,100 *	47.4	293.6	28,800	185
190	25.1	246.2	21,800 *	30.9	260.9	23,800 *	38.7	277.9	27,600 *	45.2	288.7	27,700	190
195	21.0	234.2	20,700 *	27.6	251.8	22,500 *	36.0	271.2	26,100 *	42.8	283.5	26,700	195
200	15.9	218.8	19,600 *	23.9	241.2	21,400 *	33.2	263.9	24,800 *	40.4	277.8	25,600	200
205	7.8	194.1	17,100 *	19.5	228.4	20,300 *	30.1	255.6	23,500 *	37.9	271.5	24,700	205
210				13.8	211.2	19,300 *	26.7	246.2	22,300 *	35.2	264.7	23,800	210
215							22.9	235.2	21,200 *	32.3	257.1	22,900	215
220							18.3	221.6	20,100 *	29.1	248.5	22,100	220
225							12.0	202.6	19,100 *	25.6	238.7	21,300	225
230										21.6	227.0	20,500	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  
0 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	46,600				140
145	51.8	319.4	35,300 *	55.0	324.4	39,200 *	59.9	330.2	44,400				145
150	49.8	315.3	33,200 *	53.1	320.7	36,800 *	58.2	327.1	42,400				150
155	47.8	310.8	31,300 *	51.2	316.8	34,600 *	56.4	323.9	40,600				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	33,600	165
170	41.3	295.4	26,400 *	45.1	303.1	29,000 *	50.7	312.6	34,100 *	55.8	318.4	32,200	170
175	39.0	289.4	25,000 *	42.9	297.9	27,400 *	48.7	308.3	32,200 *	53.9	314.9	30,800	175
180	36.5	282.9	23,700 *	40.6	292.2	25,900 *	46.7	303.7	30,300 *	52.1	311.0	29,600	180
185	33.9	275.7	22,400 *	38.2	286.0	24,600 *	44.5	298.7	28,700 *	50.1	307.0	28,400	185
190	31.0	267.7	21,300 *	35.7	279.3	23,300 *	42.3	293.4	27,100 *	48.1	302.6	27,300	190
195	27.9	258.7	20,200 *	33.0	271.9	22,100 *	40.0	287.6	25,600 *	46.0	297.8	26,200	195
200	24.4	248.3	19,100 *	30.0	263.6	20,900 *	37.6	281.3	24,300 *	43.9	292.8	25,200	200
205	20.4	236.0	18,200 *	26.8	254.2	19,800 *	35.0	274.4	23,000 *	41.6	287.3	24,300	205
210	15.4	220.1	17,200 *	23.2	243.3	18,800 *	32.3	266.8	21,800 *	39.3	281.3	23,300	210
215		194.7	15,000 *	19.0	230.1	17,900 *	29.3	258.2	20,700 *	36.8	274.9	22,500	215
220				13.4	212.4	16,900 *	26.0	248.5	19,600 *	34.2	267.8	21,700	220
225							22.3	237.2	18,600 *	31.4	259.9	20,900	225
230							17.8	223.2	17,700 *	28.3	251.0	20,100	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  
0 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	31,600	170
175	42.4	304.8	24,700 *	45.9	312.3	27,200 *	51.2	321.4	32,000 *	56.0	327.1	30,300	175
180	40.2	299.1	23,300 *	43.9	307.2	25,700 *	49.3	317.2	30,100 *	54.3	323.6	29,000	180
185	37.9	292.9	22,100 *	41.7	301.7	24,200 *	47.4	312.7	28,400 *	52.5	319.8	27,800	185
190	35.5	286.1	20,900 *	39.5	295.8	22,900 *	45.4	307.9	26,800 *	50.6	315.8	26,700	190
195	33.0	278.6	19,800 *	37.2	289.4	21,700 *	43.3	302.7	25,300 *	48.7	311.5	25,700	195
200	30.2	270.4	18,700 *	34.7	282.4	20,500 *	41.2	297.2	23,900 *	46.8	306.9	24,700	200
205	27.2	261.1	17,800 *	32.1	274.7	19,500 *	39.0	291.1	22,600 *	44.8	302.0	23,700	205
210	23.8	250.4	16,700 *	29.3	266.2	18,400 *	36.6	284.6	21,400 *	42.7	296.7	22,800	210
215	19.9	237.7	15,800 *	26.1	256.5	17,500 *	34.1	277.5	20,300 *	40.5	291.0	22,000	215
220	15.0	221.4	14,900 *	22.6	245.3	16,600 *	31.4	269.6	19,200 *	38.3	284.8	21,100	220
225	7.4	195.3	13,000 *	18.5	231.7	15,600 *	28.5	260.8	18,200 *	35.9	278.1	20,400	225
230				13.1	213.5	14,700 *	25.3	250.8	17,300 *	33.3	270.8	19,600	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  
 0 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	163,600 <b>b</b>										60
65	60.0	250.7	147,600 * <b>b</b>										65
70	55.1	247.4	127,900 * <b>b</b>	64.2	251.7	128,300 <b>b</b>							70
75	49.9	243.5	112,700 *	59.5	248.9	117,600 <b>b</b>							75
80	44.2	238.6	100,400 *	54.6	245.5	108,600 <b>b</b>							80
85	37.8	232.7	90,400 *	49.3	241.5	100,700							85
90	30.3	225.0	82,100 *	43.5	236.5	93,800	60.0	245.7	86,100 <b>b</b>				90
95	20.4	213.9	75,100 *	37.1	230.4	87,700	55.1	242.3	80,600 <b>b</b>				95
100				29.4	222.4	81,300 *	49.8	238.4	75,600				100
105				18.9	210.7	74,300 *	44.1	233.5	71,200				105
110							37.7	227.5	67,200	55.2	237.5	61,200 <b>b</b>	110
115							30.2	219.8	63,500	50.0	233.6	57,900	115
120							20.2	208.6	60,100	44.3	228.8	54,900	120
125										37.9	222.8	52,100	125
130										30.4	215.1	49,500	130
135										20.5	204.1	47,100	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	163,200 <b>b</b>										60
65	64.1	262.2	147,300 <b>b</b>										65
70	60.0	259.4	128,700 * <b>b</b>	67.6	262.7	127,700 <b>b</b>							70
75	55.8	256.1	113,200 *	63.7	260.4	117,100 <b>b</b>							75
80	51.3	252.3	100,900 *	59.6	257.6	108,000 <b>b</b>							80
85	46.4	247.8	90,800 *	55.3	254.3	100,200							85
90	41.2	242.4	82,400 *	50.7	250.4	93,400							90
95	35.3	235.9	75,300 *	45.9	245.8	87,300	60.0	254.3	79,900 <b>b</b>				95
100	28.3	227.5	69,200 *	40.5	240.3	81,600 *	55.7	251.1	75,000				100
105	19.0	215.5	63,900 *	34.5	233.5	74,600 *	51.2	247.2	70,600				105
110				27.4	224.9	68,600 *	46.4	242.7	66,600				110
115				17.6	212.2	63,400 *	41.1	237.3	63,000	55.8	246.3	57,200	115
120							35.2	230.7	59,700	51.3	242.4	54,200	120
125							28.2	222.3	56,700	46.5	237.9	51,500	125
130							18.8	210.3	53,900	41.2	232.6	49,000	130
135										35.3	226.0	46,600	135
140										28.4	217.7	44,500	140
145										19.1	205.8	42,400	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  
 0 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	146,900 b										65
70	63.7	270.8	129,200 *										70
75	60.0	268.1	113,700 *	66.8	271.5	116,700 b							75
80	56.3	264.9	101,200 *	63.3	269.1	107,600							80
85	52.3	261.1	91,100 *	59.6	266.2	99,800							85
90	48.1	256.9	82,600 *	55.8	263.0	93,000							90
95	43.6	251.9	75,500 *	51.8	259.2	86,900							95
100	38.7	246.0	69,400 *	47.6	254.8	81,600	60.0	263.0	74,500				100
105	33.1	238.8	64,000 *	43.1	249.8	74,800 *	56.2	259.8	70,200				105
110	26.6	229.8	59,400 *	38.1	243.7	68,700 *	52.2	256.0	66,200				110
115	17.8	217.1	55,200 *	32.4	236.4	63,500 *	48.0	251.8	62,600				115
120				25.7	227.1	58,900 *	43.5	246.7	59,400	56.3	255.0	53,700	120
125				16.5	213.6	54,800 *	38.6	240.8	56,400	52.3	251.3	51,000	125
130							33.0	233.7	53,600	48.1	247.0	48,500	130
135							26.5	224.6	51,100	43.6	242.0	46,200	135
140							17.7	211.8	48,700	38.7	236.1	44,100	140
145										33.2	229.0	42,100	145
150										26.6	220.0	40,300	150
155										17.9	207.3	38,500	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  
 0 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	107,000							80
85	56.6	273.5	91,500 *	62.9	277.7	99,200							85
90	53.1	269.9	82,900 *	59.6	274.9	92,400							90
95	49.4	265.8	75,700 *	56.2	271.7	86,400							95
100	45.5	261.1	69,400 *	52.7	268.0	81,100							100
105	41.2	255.7	64,100 *	49.0	263.8	74,900 *	60.0	271.6	69,500				105
110	36.6	249.3	59,400 *	45.0	259.0	68,800 *	56.6	268.5	65,600				110
115	31.4	241.7	55,200 *	40.7	253.5	63,500 *	53.0	264.8	62,000				115
120	25.1	232.1	51,500 *	36.0	247.0	58,900 *	49.3	260.7	58,800				120
125	16.9	218.5	48,200 *	30.7	239.2	54,800 *	45.4	256.0	55,800	56.7	263.7	50,300	125
130				24.3	229.3	51,100 *	41.2	250.5	53,100	53.1	260.0	47,900	130
135				15.6	215.0	47,900 *	36.5	244.2	50,600	49.4	255.9	45,600	135
140							31.3	236.5	48,300	45.5	251.2	43,500	140
145							25.0	226.9	46,100	41.3	245.8	41,500	145
150							16.7	213.2	44,000	36.6	239.4	39,700	150
155										31.4	231.8	38,000	155
160										25.2	222.2	36,400	160
165										17.0	208.8	34,900	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  
 0 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	98,700							85
90	57.0	282.2	84,700 *	62.7	286.4	91,900							90
95	53.8	278.7	77,300 *	59.7	283.6	85,900							95
100	50.4	274.7	70,900 *	56.6	280.4	80,600							100
105	46.9	270.2	65,500 *	53.4	276.8	75,800	63.0	283.1	69,000				105
110	43.2	265.1	60,600 *	50.0	272.7	70,300 *	60.0	280.3	65,100				110
115	39.2	259.2	56,400 *	46.5	268.2	64,900 *	56.9	277.1	61,500				115
120	34.8	252.4	52,600 *	42.8	263.0	60,100 *	53.7	273.6	58,300				120
125	29.8	244.3	49,300 *	38.7	257.0	56,000 *	50.4	269.6	55,300				125
130	23.9	234.2	46,200 *	34.3	250.1	52,200 *	46.9	265.1	52,600	57.0	272.3	47,300	130
135	16.0	219.9	43,400 *	29.2	241.8	48,900 *	43.1	260.0	50,100	53.8	268.8	45,100	135
140				23.2	231.3	45,900 *	39.1	254.1	47,800	50.5	264.8	43,000	140
145				14.9	216.2	43,200 *	34.7	247.3	45,700	47.0	260.3	41,000	145
150							29.7	239.2	43,700	43.2	255.2	39,200	150
155							23.8	229.0	41,800	39.2	249.4	37,500	155
160							15.9	214.6	40,000	34.8	242.6	36,000	160
165										29.9	234.5	34,500	165
170										24.0	224.4	33,100	170
175										16.2	210.2	31,700	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  
0 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	98,200							85
90	60.0	294.0	85,000 *	65.1	297.6	91,400							90
95	57.2	290.9	77,500 *	62.5	295.1	85,400							95
100	54.3	287.4	71,000 *	59.7	292.2	80,100							100
105	51.3	283.6	65,400 *	56.9	289.1	75,300							105
110	48.1	279.2	60,600 *	54.0	285.5	70,400 *	62.7	291.8	64,400				110
115	44.8	274.4	56,300 *	50.9	281.6	64,900 *	60.0	289.0	60,900				115
120	41.3	268.9	52,500 *	47.7	277.2	60,100 *	57.2	285.8	57,700				120
125	37.4	262.7	49,100 *	44.4	272.3	55,800 *	54.3	282.3	54,800				125
130	33.2	255.4	46,000 *	40.8	266.7	52,100 *	51.2	278.5	52,100				130
135	28.5	246.9	43,200 *	37.0	260.4	48,700 *	48.1	274.1	49,600	57.2	281.0	44,400	135
140	22.9	236.2	40,700 *	32.7	253.1	45,700 *	44.7	269.2	47,300	54.3	277.5	42,400	140
145	15.3	221.2	38,400 *	27.9	244.3	42,900 *	41.2	263.8	45,200	51.3	273.7	40,400	145
150				22.1	233.3	40,400 *	37.4	257.5	43,200	48.2	269.3	38,600	150
155				14.2	217.5	38,100 *	33.2	250.3	41,400	44.8	264.5	37,000	155
160							28.4	241.7	39,600	41.3	259.0	35,400	160
165							22.8	231.0	38,000	37.5	252.8	33,900	165
170							15.2	215.9	36,400	33.3	245.6	32,600	170
175										28.6	237.0	31,200	175
180										22.9	226.4	30,000	180
185										15.4	211.5	28,800	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  
 0 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	91,100							90
95	60.0	302.7	77,400 *	64.7	306.3	85,100							95
100	57.4	299.6	70,900 *	62.3	303.7	79,800							100
105	54.8	296.2	65,300 *	59.7	300.9	75,100							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	60,700				115
120	46.1	283.5	52,300 *	51.7	290.4	60,000 *	60.0	297.6	57,400				120
125	42.9	278.3	48,900 *	48.8	286.2	55,700 *	57.4	294.5	54,500				125
130	39.5	272.5	45,900 *	45.7	281.5	51,900 *	54.7	291.1	51,800				130
135	35.9	265.9	43,100 *	42.5	276.2	48,600 *	51.9	287.3	49,400				135
140	31.9	258.3	40,600 *	39.1	270.3	45,500 *	49.1	283.1	47,100	57.5	289.7	42,100	140
145	27.3	249.3	38,200 *	35.5	263.6	42,800 *	46.1	278.4	45,000	54.8	286.3	40,200	145
150	21.9	238.1	36,100 *	31.4	255.9	40,300 *	42.9	273.2	43,000	52.0	282.5	38,400	150
155	14.7	222.5	34,200 *	26.8	246.7	38,000 *	39.5	267.4	41,200	49.1	278.3	36,700	155
160				21.2	235.1	35,900 *	35.8	260.8	39,500	46.1	273.6	35,200	160
165				13.6	218.6	34,000 *	31.8	253.1	37,900	43.0	268.5	33,700	165
170							27.3	244.1	36,300	39.6	262.6	32,400	170
175							21.8	232.9	34,900	35.9	256.1	31,100	175
180							14.6	217.1	33,500	31.9	248.5	29,900	180
185										27.4	239.5	28,700	185
190										22.0	228.3	27,600	190
195										14.8	212.8	26,500	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  
 0 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	84,600							95
100	60.0	311.4	70,500 *	64.4	315.0	79,300							100
105	57.6	308.3	64,900 *	62.1	312.4	74,600							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	56,900				120
125	47.2	292.6	48,500 *	52.3	299.2	55,300 *	60.0	306.3	53,900				125
130	44.3	287.6	45,400 *	49.6	295.1	51,500 *	57.6	303.2	51,300				130
135	41.3	282.1	42,600 *	46.9	290.6	48,100 *	55.1	299.8	48,800				135
140	38.0	276.0	40,100 *	44.0	285.5	45,100 *	52.6	296.1	46,500				140
145	34.5	269.0	37,800 *	40.9	280.0	42,300 *	49.9	292.0	44,400	57.6	298.4	39,600	145
150	30.7	261.0	35,700 *	37.6	273.7	39,800 *	47.2	287.5	42,500	55.2	295.0	37,800	150
155	26.3	251.6	33,700 *	34.1	266.7	37,500 *	44.3	282.5	40,700	52.6	291.3	36,100	155
160	21.1	240.0	31,900 *	30.2	258.6	35,500 *	41.2	277.0	39,000	50.0	287.2	34,600	160
165	14.1	223.7	30,200 *	25.8	248.9	33,500 *	38.0	270.8	37,400	47.2	282.7	33,200	165
170				20.4	236.9	31,700 *	34.5	263.9	35,900	44.3	277.7	31,800	170
175				13.1	219.8	30,100 *	30.6	255.9	34,400	41.3	272.3	30,500	175
180							26.2	246.4	33,100	38.1	266.1	29,300	180
185							21.0	234.7	31,800	34.6	259.2	28,200	185
190							14.0	218.3	30,200 *	30.7	251.2	27,100	190
195										26.4	241.8	26,100	195
200										21.2	230.2	25,100	200
205										14.2	214.0	24,100	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  
0 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	78,800							100
105	60.0	320.0	65,500 *	64.1	323.6	74,100							105
110	57.8	316.9	60,500 *	62.0	321.0	69,800							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	53,400				125
130	48.1	301.6	45,700 *	52.8	308.0	51,900 *	60.0	314.9	50,800				130
135	45.5	296.8	42,900 *	50.4	304.0	48,500 *	57.7	311.9	48,300				135
140	42.7	291.6	40,300 *	47.8	299.6	45,400 *	55.4	308.5	46,000				140
145	39.8	285.8	38,000 *	45.2	294.7	42,600 *	53.1	304.8	43,900				145
150	36.7	279.3	35,900 *	42.4	289.4	40,100 *	50.6	300.8	42,000	57.8	307.1	37,300	150
155	33.3	272.0	33,900 *	39.5	283.6	37,800 *	48.1	296.5	40,200	55.5	303.7	35,600	155
160	29.6	263.7	32,100 *	36.3	277.0	35,600 *	45.5	291.7	38,500	53.1	300.0	34,100	160
165	25.4	253.9	30,400 *	32.9	269.6	33,700 *	42.7	286.4	36,900	50.7	296.1	32,700	165
170	20.4	241.7	28,800 *	29.1	261.2	31,900 *	39.8	280.6	35,400	48.2	291.7	31,300	170
175	13.6	224.9	27,100 *	24.9	251.1	30,200 *	36.6	274.2	34,000	45.5	286.9	30,000	175
180				19.7	238.6	28,700 *	33.3	266.9	32,700	42.8	281.7	28,800	180
185				12.6	220.8	27,200 *	29.5	258.5	31,400	39.8	275.9	27,700	185
190							25.3	248.7	30,200	36.7	269.4	26,600	190
195							20.3	236.5	28,800 *	33.3	262.2	25,600	195
200							13.5	219.5	27,400 *	29.6	253.9	24,700	200
205										25.4	244.1	23,700	205
210										20.4	231.9	22,800	210
215										13.7	215.2	22,000	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  
 0 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	78,300							100
105	62.1	331.5	65,600 *	65.8	334.7	73,600							105
110	60.0	328.7	60,600 *	63.9	332.3	69,300							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	50,200				130
135	48.9	310.5	42,700 *	53.3	316.8	48,300 *	60.0	323.6	47,700				135
140	46.5	305.9	40,100 *	51.0	312.8	45,200 *	57.9	320.5	45,500				140
145	44.0	300.9	37,700 *	48.7	308.5	42,400 *	55.7	317.2	43,400				145
150	41.3	295.3	35,600 *	46.2	303.9	39,800 *	53.5	313.6	41,500				150
155	38.5	289.3	33,600 *	43.7	298.8	37,500 *	51.3	309.7	39,600	57.9	315.7	35,000	155
160	35.5	282.5	31,700 *	41.0	293.2	35,300 *	48.9	305.4	38,000	55.8	312.4	33,500	160
165	32.2	274.9	30,000 *	38.1	287.0	33,400 *	46.5	300.8	36,400	53.6	308.8	32,100	165
170	28.6	266.2	28,500 *	35.1	280.2	31,500 *	43.9	295.8	34,900	51.3	304.9	30,700	170
175	24.6	256.0	27,000 *	31.8	272.5	29,900 *	41.2	290.2	33,500	49.0	300.6	29,500	175
180	19.7	243.5	25,600 *	28.2	263.7	28,300 *	38.4	284.1	32,200	46.5	296.0	28,300	180
185	13.2	226.0	24,000 *	24.0	253.3	26,800 *	35.4	277.4	30,900	44.0	291.0	27,200	185
190				19.1	240.3	25,500 *	32.2	269.8	29,800	41.3	285.5	26,100	190
195				12.2	221.9	24,200 *	28.6	261.1	28,500 *	38.5	279.4	25,100	195
200							24.5	250.8	27,000 *	35.5	272.7	24,100	200
205							19.6	238.2	25,600 *	32.2	265.1	23,200	205
210							13.1	220.6	24,300 *	28.7	256.4	22,300	210
215										24.6	246.2	21,500	215
220										19.8	233.7	20,700	220
225										13.3	216.3	19,900	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  
0 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	69,000							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	47,500				135
140	49.6	319.4	39,800 *	53.7	325.5	44,900 *	60.0	332.3	45,200				140
145	47.4	314.9	37,400 *	51.6	321.7	42,100 *	58.0	329.2	43,100				145
150	45.0	310.1	35,300 *	49.4	317.5	39,500 *	56.0	325.9	41,200				150
155	42.6	304.8	33,300 *	47.1	312.9	37,200 *	53.9	322.3	39,400				155
160	40.0	299.0	31,400 *	44.7	308.0	35,000 *	51.8	318.5	37,700				160
165	37.3	292.6	29,700 *	42.3	302.7	33,100 *	49.6	314.3	36,100	56.0	321.1	31,800	165
170	34.4	285.6	28,200 *	39.7	296.8	31,200 *	47.3	309.8	34,600	54.0	317.5	30,500	170
175	31.2	277.7	26,700 *	36.9	290.4	29,600 *	45.0	305.0	33,300	51.9	313.7	29,200	175
180	27.7	268.7	25,300 *	34.0	283.3	28,000 *	42.5	299.7	31,900	49.7	309.6	28,000	180
185	23.8	258.1	24,000 *	30.8	275.3	26,500 *	40.0	293.9	30,700	47.4	305.1	26,900	185
190	19.1	245.1	22,800 *	27.3	266.1	25,200 *	37.2	287.5	29,500	45.0	300.2	25,800	190
195	12.8	227.1	21,400 *	23.3	255.3	23,900 *	34.3	280.5	28,200 *	42.6	294.9	24,800	195
200				18.5	241.9	22,700 *	31.2	272.5	26,700 *	40.0	289.1	23,900	200
205				11.8	222.9	21,600 *	27.7	263.5	25,300 *	37.3	282.8	23,000	205
210							23.7	252.9	24,100 *	34.4	275.8	22,100	210
215							19.0	239.9	22,800 *	31.2	267.9	21,300	215
220							12.7	221.7	21,700 *	27.8	258.9	20,500	220
225										23.8	248.3	19,800	225
230										19.1	235.3	19,000	230
235										12.9	217.4	18,300	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  
0 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	44,600				140
145	50.3	328.3	36,900 *	54.1	334.3	41,500 *	60.0	340.9	42,600				145
150	48.1	323.9	34,700 *	52.1	330.5	39,000 *	58.1	337.9	40,600				150
155	46.0	319.2	32,700 *	50.0	326.4	36,600 *	56.2	334.6	38,800				155
160	43.7	314.1	30,900 *	47.9	321.9	34,500 *	54.3	331.1	37,200				160
165	41.3	308.6	29,200 *	45.7	317.2	32,500 *	52.3	327.3	35,600				165
170	38.8	302.5	27,600 *	43.4	312.0	30,700 *	50.2	323.2	34,100	56.3	329.8	29,900	170
175	36.2	295.9	26,200 *	41.0	306.4	29,000 *	48.1	318.8	32,700	54.3	326.3	28,600	175
180	33.3	288.6	24,800 *	38.5	300.3	27,500 *	45.9	314.1	31,400	52.3	322.5	27,400	180
185	30.3	280.4	23,500 *	35.9	293.6	26,000 *	43.6	309.0	30,200	50.3	318.4	26,300	185
190	26.9	271.1	22,300 *	33.0	286.2	24,700 *	41.3	303.5	29,000	48.2	314.1	25,300	190
195	23.1	260.2	21,200 *	29.9	277.9	23,400 *	38.8	297.4	27,600 *	46.0	309.3	24,300	195
200	18.5	246.7	20,100 *	26.5	268.5	22,200 *	36.1	290.8	26,200 *	43.7	304.2	23,300	200
205	12.4	228.2	18,900 *	22.6	257.3	21,100 *	33.3	283.5	24,800 *	41.3	298.7	22,400	205
210				17.9	243.5	20,000 *	30.2	275.3	23,500 *	38.8	292.7	21,600	210
215				11.5	223.9	19,000 *	26.9	265.9	22,300 *	36.2	286.1	20,800	215
220							23.0	255.0	21,200 *	33.4	278.8	20,000	220
225							18.5	241.5	20,100 *	30.3	270.6	19,300	225
230							12.3	222.8	19,100 *	27.0	261.3	18,500	230
235										23.1	250.4	17,900	235
240										18.6	237.0	17,200	240
245										12.5	218.5	16,500	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  
0 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	42,100				145
150	50.8	337.2	34,200 *	54.4	343.0	38,500 *	60.0	349.6	40,200				150
155	48.8	332.9	32,200 *	52.5	339.2	36,100 *	58.2	346.5	38,400				155
160	46.8	328.3	30,400 *	50.6	335.2	34,000 *	56.4	343.3	36,700				160
165	44.7	323.3	28,700 *	48.6	330.9	32,000 *	54.6	339.8	35,100				165
170	42.4	318.0	27,100 *	46.5	326.3	30,200 *	52.7	336.1	33,700				170
175	40.1	312.2	25,700 *	44.4	321.3	28,500 *	50.8	332.1	32,300	56.5	338.5	28,100	175
180	37.7	306.0	24,300 *	42.2	315.9	27,000 *	48.8	327.8	31,000	54.6	335.0	27,000	180
185	35.2	299.1	23,000 *	39.9	310.1	25,500 *	46.7	323.2	29,800	52.8	331.3	25,900	185
190	32.4	291.5	21,800 *	37.4	303.7	24,200 *	44.6	318.2	28,600	50.8	327.3	24,800	190
195	29.5	283.1	20,700 *	34.9	296.8	22,900 *	42.4	312.9	27,100 *	48.8	323.0	23,800	195
200	26.2	273.4	19,600 *	32.1	289.1	21,700 *	40.1	307.1	25,700 *	46.8	318.4	22,900	200
205	22.5	262.2	18,600 *	29.1	280.5	20,600 *	37.7	300.8	24,300 *	44.7	313.5	22,000	205
210	18.0	248.3	17,700 *	25.8	270.7	19,500 *	35.1	294.0	23,000 *	42.5	308.1	21,100	210
215	12.1	229.2	16,600 *	22.0	259.2	18,500 *	32.4	286.4	21,800 *	40.2	302.4	20,300	215
220				17.4	245.0	17,600 *	29.4	277.9	20,700 *	37.8	296.1	19,600	220
225				11.2	224.8	16,700 *	26.1	268.2	19,600 *	35.2	289.3	18,800	225
230							22.4	256.9	18,600 *	32.5	281.7	18,100	230
235							18.0	243.0	17,700 *	29.5	273.2	17,400	235
240							12.0	223.8	16,800 *	26.2	263.6	16,800	240
245										22.5	252.4	16,200	245
250										18.1	238.5	15,500	250
255										12.1	219.5	14,900	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  
0 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	39,600				150
155	51.3	346.0	32,100 *	54.7	351.7	35,700 *	60.0	358.2	37,800				155
160	49.4	341.8	30,200 *	52.9	348.0	33,900 *	58.3	355.2	36,200				160
165	47.5	337.3	28,500 *	51.1	344.1	31,800 *	56.6	352.0	34,600				165
170	45.5	332.5	26,900 *	49.2	339.8	30,000 *	54.9	348.5	33,100				170
175	43.5	327.4	25,400 *	47.3	335.3	28,300 *	53.1	344.8	31,800				175
180	41.3	321.8	24,000 *	45.3	330.5	26,700 *	51.3	340.9	30,500	56.7	347.2	26,400	180
185	39.1	315.8	22,700 *	43.2	325.3	25,200 *	49.4	336.7	29,300	54.9	343.7	25,300	185
190	36.7	309.3	21,500 *	41.1	319.7	23,800 *	47.5	332.2	28,100	53.1	340.0	24,200	190
195	34.2	302.2	20,300 *	38.8	313.6	22,600 *	45.5	327.4	26,900 *	51.3	336.1	23,300	195
200	31.6	294.4	19,300 *	36.4	307.0	21,300 *	43.4	322.2	25,400 *	49.4	331.9	22,300	200
205	28.7	285.6	18,200 *	33.9	299.9	20,200 *	41.3	316.7	24,000 *	47.5	327.4	21,400	205
210	25.5	275.7	17,300 *	31.3	291.9	19,100 *	39.0	310.7	22,700 *	45.5	322.6	20,600	210
215	21.9	264.1	16,300 *	28.3	283.1	18,100 *	36.7	304.2	21,500 *	43.5	317.5	19,800	215
220	17.6	249.8	15,300 *	25.1	273.0	17,200 *	34.2	297.0	20,300 *	41.3	311.9	19,000	220
225	11.8	230.2	14,500 *	21.4	261.1	16,300 *	31.5	289.2	19,300 *	39.1	305.9	18,300	225
230				17.0	246.5	15,300 *	28.6	280.4	18,300 *	36.8	299.4	17,600	230
235				10.9	225.8	14,500 *	25.5	270.5	17,300 *	34.3	292.3	16,900	235
240							21.8	258.9	16,400 *	31.6	284.5	16,300	240
245							17.5	244.6	15,500 *	28.7	275.8	15,700	245
250							11.6	224.8	14,700 *	25.5	265.9	15,100	250
255										21.9	254.3	14,500	255
260										17.6	240.1	13,900	260
265										11.8	220.5	13,400	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  
0 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	146,300 <b>b</b>										65
70	57.6	269.0	133,300 <b>b</b>										70
75	52.5	265.3	119,700 * <b>b</b>	62.8	270.6	115,700 <b>b</b>							75
80	47.1	260.9	106,100 *	58.0	267.6	106,800 <b>b</b>							80
85	41.1	255.6	95,100 *	53.0	264.1	99,000 <b>b</b>							85
90	34.2	248.8	86,000 *	47.6	259.8	92,300							90
95	25.7	239.8	78,400 *	41.6	254.5	86,300	60.1	265.1	78,100 <b>b</b>				95
100	12.4	224.4	71,800 *	34.9	247.9	81,000	55.2	261.8	73,300 <b>b</b>				100
105				26.6	239.1	76,200	50.0	257.8	69,000				105
110				14.2	224.9	71,800	44.3	253.0	65,100				110
115							38.0	247.1	61,600	57.0	257.6	55,100 <b>b</b>	115
120							30.5	239.4	58,400	51.9	253.9	52,200	120
125							20.6	228.5	55,400	46.4	249.4	49,600	125
130										40.4	243.9	47,200	130
135										33.4	237.0	44,900	135
140										24.6	227.6	42,800	140
145										9.9	210.4	40,800	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	145,900 <b>b</b>										65
70	62.1	280.6	132,800 <b>b</b>										70
75	57.9	277.7	120,300 * <b>b</b>	66.4	281.8	115,100 <b>b</b>							75
80	53.5	274.1	106,600 *	62.4	279.3	106,200 <b>b</b>							80
85	48.8	270.0	95,500 *	58.3	276.3	98,500 <b>b</b>							85
90	43.8	265.0	86,300 *	53.9	272.8	91,800							90
95	38.2	259.1	78,600 *	49.3	268.7	85,800							95
100	31.9	251.7	72,100 *	44.3	263.9	80,500	60.1	273.7	72,600 <b>b</b>				100
105	24.0	241.9	66,400 *	38.8	258.1	75,800	55.9	270.5	68,400				105
110	11.6	225.4	61,400 *	32.5	250.8	71,500	51.4	266.7	64,500				110
115				24.8	241.3	66,900 *	46.5	262.2	61,000				115
120				13.2	226.0	61,900 *	41.3	256.8	57,800	57.4	266.3	51,500	120
125							35.4	250.3	54,900	53.0	262.7	48,900	125
130							28.4	242.0	52,200	48.3	258.5	46,500	130
135							19.2	230.1	49,700	43.2	253.4	44,300	135
140										37.6	247.4	42,300	140
145										31.1	239.8	40,400	145
150										22.9	229.6	38,500	150
155										9.2	211.1	36,800	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  
0 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	145,400 b										65
70	65.4	291.9	132,400 b										70
75	61.8	289.3	120,800 *										75
80	58.1	286.3	107,000 *	65.7	290.5	105,700 b							80
85	54.2	282.9	95,800 *	62.2	287.9	98,000							85
90	50.2	278.9	86,600 *	58.5	285.0	91,300							90
95	45.8	274.2	78,800 *	54.6	281.6	85,400							95
100	41.1	268.8	72,200 *	50.6	277.6	80,100							100
105	35.9	262.4	66,500 *	46.2	273.1	75,400	60.1	282.4	67,900				105
110	29.9	254.4	61,600 *	41.6	267.7	71,200	56.3	279.2	64,000				110
115	22.5	243.9	57,200 *	36.4	261.4	67,100 *	52.4	275.5	60,600				115
120	10.9	226.3	53,300 *	30.5	253.6	62,000 *	48.2	271.2	57,400				120
125				23.3	243.4	57,600 *	43.7	266.3	54,500	57.7	275.0	48,400	125
130				12.4	227.0	53,700 *	38.8	260.4	51,900	53.8	271.5	46,100	130
135							33.3	253.3	49,400	49.7	267.4	43,900	135
140							26.7	244.3	47,100	45.3	262.7	41,800	140
145							18.1	231.7	45,000	40.6	257.2	40,000	145
150										35.3	250.6	38,200	150
155										29.2	242.4	36,600	155
160										21.6	231.5	35,000	160
165										8.6	211.8	33,400	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  
 0 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	131,900 b										70
75	64.9	300.6	120,900										75
80	61.6	298.0	107,600 *										80
85	58.3	295.0	96,300 *	65.2	299.2	97,500							85
90	54.8	291.6	86,900 *	61.9	296.6	90,800							90
95	51.2	287.7	79,000 *	58.6	293.7	84,900							95
100	47.4	283.3	72,400 *	55.2	290.3	79,600							100
105	43.3	278.3	66,600 *	51.6	286.5	74,900							105
110	38.9	272.4	61,600 *	47.8	282.1	70,700	60.1	291.1	63,400				110
115	34.0	265.4	57,200 *	43.7	277.1	66,900	56.7	287.9	59,900				115
120	28.3	256.9	53,300 *	39.3	271.3	62,100 *	53.2	284.3	56,800				120
125	21.3	245.7	49,800 *	34.5	264.5	57,600 *	49.5	280.2	53,900				125
130	10.3	227.1	46,600 *	28.9	256.1	53,600 *	45.5	275.5	51,300	57.9	283.7	45,300	130
135				22.0	245.3	50,100 *	41.3	270.1	48,900	54.5	280.2	43,200	135
140				11.7	228.0	46,900 *	36.7	263.7	46,600	50.8	276.3	41,200	140
145							31.5	256.1	44,500	47.0	271.8	39,300	145
150							25.3	246.6	42,600	42.9	266.7	37,600	150
155							17.1	233.1	40,700	38.4	260.7	36,000	155
160										33.4	253.6	34,400	160
165										27.7	244.9	33,000	165
170										20.4	233.2	31,600	170
175										8.1	212.5	30,300	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  
 0 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	120,400										75
80	64.4	309.3	110,000 *										80
85	61.5	306.6	98,400 *	67.6	310.1	96,900							85
90	58.5	303.7	88,800 *	64.7	307.9	90,200							90
95	55.3	300.3	80,800 *	61.8	305.3	84,300							95
100	52.1	296.6	73,900 *	58.7	302.3	79,100							100
105	48.7	292.3	68,000 *	55.6	299.0	74,400							105
110	45.0	287.5	62,900 *	52.4	295.3	70,200							110
115	41.2	282.0	58,400 *	49.0	291.1	66,400	60.1	299.7	59,400				115
120	37.0	275.7	54,400 *	45.4	286.4	63,000	57.0	296.6	56,300				120
125	32.3	268.3	50,900 *	41.6	281.0	58,800 *	53.8	293.0	53,400				125
130	27.0	259.3	47,700 *	37.4	274.7	54,800 *	50.5	289.1	50,800				130
135	20.3	247.5	44,800 *	32.8	267.4	51,200 *	47.0	284.6	48,400				135
140	9.7	227.9	41,600 *	27.5	258.6	48,000 *	43.3	279.5	46,200	55.0	288.9	40,600	140
145				21.0	247.1	45,000 *	39.3	273.7	44,100	51.7	285.1	38,800	145
150				11.2	229.0	42,400 *	34.9	266.9	42,200	48.3	280.8	37,100	150
155							29.9	258.8	40,400	44.6	276.0	35,500	155
160							24.1	248.7	38,600	40.7	270.4	34,000	160
165							16.2	234.5	37,000	36.5	264.0	32,500	165
170										31.8	256.5	31,200	170
175										26.3	247.2	30,000	175
180										19.4	234.9	28,700	180
185										7.7	213.1	27,500	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  
0 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	89,700							90
95	58.6	312.3	81,000 *	64.3	316.5	83,800							95
100	55.7	309.0	74,000 *	61.6	313.9	78,600							100
105	52.8	305.3	68,100 *	58.9	311.0	73,900							105
110	49.7	301.2	62,900 *	56.0	307.7	69,700							110
115	46.4	296.6	58,300 *	53.0	304.1	65,900	62.8	311.2	58,800				115
120	43.0	291.5	54,300 *	50.0	300.0	62,500	60.1	308.4	55,700				120
125	39.3	285.6	50,700 *	46.7	295.5	58,700 *	57.3	305.3	52,800				125
130	35.3	278.9	47,500 *	43.3	290.4	54,600 *	54.4	301.8	50,200				130
135	30.9	271.1	44,500 *	39.7	284.6	51,000 *	51.3	297.9	47,800				135
140	25.8	261.6	41,900 *	35.7	278.0	47,800 *	48.2	293.6	45,600				140
145	19.4	249.2	39,500 *	31.3	270.2	44,800 *	44.9	288.7	43,500	55.4	297.7	38,100	145
150	9.3	228.7	36,800 *	26.3	260.9	42,100 *	41.3	283.3	41,600	52.4	293.9	36,400	150
155				20.0	248.9	39,700 *	37.5	277.1	39,800	49.3	289.8	34,800	155
160				10.7	229.9	37,500 *	33.3	269.9	38,200	46.1	285.1	33,400	160
165							28.6	261.3	36,600	42.6	279.9	32,000	165
170							23.0	250.7	35,100	38.9	274.0	30,700	170
175							15.5	235.9	33,700	34.9	267.2	29,400	175
180										30.4	259.2	28,200	180
185										25.1	249.4	27,100	185
190										18.5	236.5	26,000	190
195										7.4	213.7	25,000	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  
0 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	83,500							95
100	58.7	321.0	73,900 *	64.0	325.2	78,300							100
105	56.1	317.7	68,000 *	61.5	322.6	73,600							105
110	53.4	314.1	62,800 *	58.9	319.6	69,500							110
115	50.5	310.1	58,200 *	56.3	316.4	65,700							115
120	47.6	305.7	54,100 *	53.6	312.8	62,200	62.6	319.8	55,400				120
125	44.5	300.8	50,500 *	50.8	308.9	58,600 *	60.1	317.0	52,600				125
130	41.2	295.3	47,300 *	47.9	304.5	54,500 *	57.5	313.9	50,000				130
135	37.7	289.1	44,400 *	44.8	299.6	50,900 *	54.8	310.5	47,600				135
140	33.9	282.0	41,800 *	41.5	294.2	47,600 *	52.0	306.7	45,400				140
145	29.6	273.7	39,400 *	38.0	288.1	44,700 *	49.2	302.5	43,300				145
150	24.7	263.8	37,100 *	34.3	281.1	42,000 *	46.2	297.9	41,400	55.8	306.4	36,200	150
155	18.6	250.8	35,100 *	30.1	272.9	39,600 *	43.0	292.7	39,600	53.0	302.7	34,600	155
160	8.9	229.4	32,800 *	25.2	263.1	37,400 *	39.6	286.9	38,000	50.2	298.7	33,100	160
165				19.2	250.6	35,300 *	36.0	280.3	36,400	47.3	294.2	31,700	165
170				10.2	230.7	33,400 *	32.0	272.7	35,000	44.1	289.2	30,400	170
175							27.4	263.8	33,600	40.9	283.7	29,200	175
180							22.1	252.6	32,300	37.3	277.4	28,100	180
185							14.9	237.2	31,000	33.5	270.2	27,000	185
190										29.1	261.8	25,900	190
195										24.1	251.5	24,900	195
200										17.8	238.1	24,000	200
205										7.0	214.3	23,000	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  
0 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	77,800							100
105	58.8	329.7	67,500 *	63.7	333.9	73,100							105
110	56.4	326.4	62,300 *	61.4	331.2	68,900							110
115	53.8	322.9	57,700 *	59.0	328.3	65,100							115
120	51.3	319.0	53,700 *	56.6	325.1	61,700							120
125	48.6	314.7	50,100 *	54.1	321.6	58,200 *	62.4	328.5	52,000				125
130	45.7	309.9	46,800 *	51.5	317.7	54,100 *	60.1	325.7	49,400				130
135	42.8	304.7	43,900 *	48.8	313.5	50,400 *	57.7	322.6	47,000				135
140	39.6	298.9	41,300 *	46.0	308.8	47,200 *	55.2	319.2	44,800				140
145	36.3	292.4	38,900 *	43.1	303.6	44,200 *	52.6	315.5	42,800				145
150	32.6	284.9	36,700 *	39.9	297.8	41,500 *	50.0	311.4	40,900				150
155	28.5	276.3	34,700 *	36.6	291.4	39,100 *	47.3	307.0	39,100	56.1	315.1	34,000	155
160	23.8	265.9	32,800 *	33.0	284.0	36,900 *	44.4	302.0	37,500	53.6	311.5	32,500	160
165	17.9	252.3	31,000 *	28.9	275.5	34,800 *	41.3	296.5	35,900	51.0	307.5	31,100	165
170	8.6	230.1	29,100 *	24.3	265.3	33,000 *	38.1	290.4	34,500	48.3	303.2	29,800	170
175				18.5	252.2	31,200 *	34.6	283.5	33,100	45.4	298.4	28,600	175
180				9.8	231.5	29,600 *	30.8	275.5	31,800	42.4	293.1	27,500	180
185							26.4	266.1	30,600	39.3	287.2	26,400	185
190							21.2	254.5	29,400	35.9	280.6	25,400	190
195							14.3	238.4	28,300	32.2	273.1	24,400	195
200										28.0	264.3	23,500	200
205										23.2	253.6	22,600	205
210										17.1	239.6	21,700	210
215										6.8	214.8	20,800	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  
 0 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	77,200							100
105	61.1	341.3	68,800 *	65.6	345.0	72,600							105
110	58.9	338.3	63,500 *	63.5	342.6	68,400							110
115	56.6	335.1	58,700 *	61.3	339.9	64,700							115
120	54.3	331.6	54,600 *	59.1	337.0	61,200							120
125	51.9	327.8	50,900 *	56.8	333.8	58,100							125
130	49.4	323.6	47,500 *	54.5	330.3	55,000 *	62.3	337.2	48,800				130
135	46.8	319.0	44,600 *	52.1	326.5	51,200 *	60.1	334.4	46,500				135
140	44.1	314.0	41,800 *	49.6	322.4	47,800 *	57.8	331.3	44,300				140
145	41.2	308.5	39,400 *	47.0	317.8	44,800 *	55.5	327.9	42,300				145
150	38.2	302.4	37,100 *	44.3	312.9	42,100 *	53.2	324.3	40,400				150
155	35.0	295.5	35,000 *	41.5	307.4	39,600 *	50.7	320.3	38,600				155
160	31.5	287.8	33,100 *	38.5	301.3	37,300 *	48.2	316.0	37,000	56.4	323.8	32,000	160
165	27.5	278.7	31,400 *	35.3	294.6	35,200 *	45.5	311.2	35,400	54.0	320.2	30,600	165
170	22.9	267.9	29,700 *	31.8	286.9	33,300 *	42.8	305.9	34,000	51.6	316.4	29,300	170
175	17.3	253.8	28,200 *	27.9	278.0	31,500 *	39.9	300.2	32,600	49.1	312.1	28,100	175
180	8.3	230.8	25,200 *	23.4	267.3	29,900 *	36.7	293.7	31,400	46.5	307.5	27,000	180
185				17.9	253.7	28,400 *	33.4	286.5	30,100	43.8	302.5	25,900	185
190				9.5	232.3	26,400 *	29.7	278.2	29,000	40.9	296.9	24,900	190
195							25.5	268.4	27,900	37.9	290.7	23,900	195
200							20.5	256.3	26,900	34.6	283.8	23,000	200
205							13.8	239.6	25,800	31.0	275.9	22,100	205
210										27.1	266.7	21,300	210
215										22.4	255.6	20,500	215
220										16.5	241.0	19,700	220
225										6.5	215.3	18,900	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  
0 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	72,100							105
110	61.0	349.9	62,900 *	65.2	353.7	67,900							110
115	58.9	347.0	58,200 *	63.2	351.2	64,100							115
120	56.8	343.8	54,000 *	61.2	348.6	60,700							120
125	54.6	340.3	50,300 *	59.1	345.6	57,600							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	45,900				135
140	47.7	328.1	41,300 *	52.6	335.3	47,300 *	60.1	343.0	43,700				140
145	45.2	323.2	38,800 *	50.3	331.3	44,300 *	58.0	340.0	41,700				145
150	42.6	318.0	36,600 *	47.9	326.9	41,600 *	55.8	336.6	39,800				150
155	39.9	312.2	34,500 *	45.4	322.1	39,100 *	53.6	333.0	38,100				155
160	37.0	305.7	32,600 *	42.9	316.8	36,800 *	51.3	329.1	36,400				160
165	33.8	298.6	30,900 *	40.1	311.1	34,700 *	49.0	324.9	34,900	56.6	332.5	30,000	165
170	30.4	290.5	29,200 *	37.2	304.7	32,800 *	46.6	320.3	33,500	54.4	329.0	28,700	170
175	26.6	281.1	27,700 *	34.1	297.6	31,000 *	44.0	315.3	32,100	52.2	325.2	27,500	175
180	22.2	269.8	26,300 *	30.7	289.6	29,400 *	41.3	309.7	30,800	49.8	321.0	26,400	180
185	16.7	255.3	24,900 *	27.0	280.4	27,800 *	38.5	303.7	29,600	47.4	316.6	25,300	185
190	8.0	231.5	22,300 *	22.6	269.3	26,400 *	35.5	296.9	28,500	44.9	311.7	24,300	190
195				17.3	255.2	25,100 *	32.3	289.4	27,400	42.3	306.4	23,400	195
200				9.1	233.1	23,400 *	28.7	280.7	26,400	39.6	300.5	22,500	200
205							24.6	270.5	25,400	36.6	294.0	21,600	205
210							19.8	258.0	24,500	33.5	286.8	20,800	210
215							13.4	240.7	23,500	30.0	278.5	20,000	215
220										26.2	269.0	19,200	220
225										21.7	257.5	18,500	225
230										16.0	242.4	17,800	230
235										6.3	215.9	17,100	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  
0 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	67,600							110
115	61.0	358.6	57,900 *	64.9	362.4	63,800							115
120	59.0	355.7	53,800 *	63.1	359.9	60,400							120
125	57.0	352.5	50,000 *	61.1	357.2	57,300							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	43,400				140
145	48.5	337.0	38,500 *	53.1	344.1	44,000 *	60.1	351.7	41,400				145
150	46.2	332.4	36,300 *	50.9	340.1	41,300 *	58.1	348.6	39,500				150
155	43.8	327.3	34,200 *	48.7	335.8	38,800 *	56.1	345.3	37,800				155
160	41.3	321.7	32,300 *	46.4	331.2	36,500 *	54.0	341.8	36,100				160
165	38.6	315.7	30,500 *	44.0	326.1	34,400 *	51.9	338.0	34,600				165
170	35.8	309.0	28,900 *	41.5	320.6	32,500 *	49.7	333.8	33,200	56.8	341.1	28,400	170
175	32.8	301.5	27,400 *	38.9	314.6	30,700 *	47.4	329.3	31,900	54.7	337.7	27,200	175
180	29.5	293.1	26,000 *	36.1	308.0	29,100 *	45.1	324.5	30,600	52.6	333.9	26,100	180
185	25.8	283.4	24,700 *	33.1	300.6	27,500 *	42.6	319.2	29,400	50.5	329.9	25,100	185
190	21.5	271.7	23,400 *	29.8	292.3	26,100 *	40.0	313.4	28,300	48.2	325.6	24,100	190
195	16.2	256.7	22,200 *	26.1	282.7	24,800 *	37.3	307.1	27,200	45.9	320.8	23,100	195
200	7.7	232.1	19,800 *	21.9	271.3	23,500 *	34.4	300.0	26,200	43.5	315.7	22,200	200
205				16.7	256.7	22,400 *	31.3	292.2	25,200	41.0	310.1	21,300	205
210				8.9	233.9	20,900 *	27.8	283.2	24,300	38.3	304.0	20,500	210
215							23.9	272.7	23,400	35.5	297.2	19,800	215
220							19.2	259.7	22,500	32.4	289.7	19,000	220
225							12.9	241.8	21,700	29.1	281.1	18,300	225
230										25.4	271.2	17,600	230
235										21.0	259.3	16,900	235
240										15.5	243.7	16,300	240
245										6.1	216.4	15,600	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  
0 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	63,300							115
120	60.9	367.3	53,200 *	64.7	371.1	59,900							120
125	59.1	364.3	49,500 *	62.9	368.6	56,800							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	40,800				145
150	49.2	346.0	35,800 *	53.5	352.8	40,700 *	60.1	360.3	38,900				150
155	47.0	341.4	33,700 *	51.5	348.9	38,200 *	58.2	357.3	37,200				155
160	44.8	336.5	31,800 *	49.4	344.7	36,000 *	56.3	354.0	35,600				160
165	42.5	331.2	30,000 *	47.2	340.2	33,900 *	54.3	350.5	34,100				165
170	40.0	325.4	28,400 *	45.0	335.3	32,000 *	52.4	346.7	32,700				170
175	37.5	319.1	26,900 *	42.7	330.1	30,200 *	50.3	342.7	31,300	57.0	349.8	26,600	175
180	34.8	312.1	25,500 *	40.3	324.3	28,500 *	48.2	338.3	30,100	55.0	346.4	25,500	180
185	31.8	304.4	24,100 *	37.7	318.1	27,000 *	46.0	333.6	28,900	53.1	342.7	24,500	185
190	28.6	295.7	22,900 *	35.0	311.2	25,600 *	43.7	328.5	27,700	51.0	338.8	23,500	190
195	25.0	285.6	21,700 *	32.1	303.5	24,300 *	41.4	323.0	26,700	49.0	334.5	22,500	195
200	20.9	273.5	20,600 *	28.9	294.9	23,000 *	38.9	317.0	25,700	46.8	329.9	21,600	200
205	15.7	258.1	19,600 *	25.4	285.0	21,800 *	36.2	310.3	24,700	44.6	325.0	20,800	205
210	7.5	232.8	17,400 *	21.3	273.1	20,700 *	33.4	303.0	23,800	42.2	319.6	20,000	210
215				16.2	258.1	19,700 *	30.4	294.9	22,900	39.8	313.8	19,200	215
220				8.6	234.6	18,400 *	27.0	285.6	22,100	37.2	307.4	18,500	220
225							23.2	274.7	21,200 *	34.4	300.3	17,800	225
230							18.6	261.3	20,200 *	31.5	292.5	17,100	230
235							12.6	242.9	19,200 *	28.2	283.6	16,400	235
240										24.6	273.4	15,800	240
245										20.4	261.1	15,200	245
250										15.0	245.0	14,600	250
255										5.9	216.8	14,000	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  
 0 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	38,500				150
155	49.8	354.9	33,200 *	53.8	361.6	37,700 *	60.1	369.0	36,700				155
160	47.8	350.4	31,300 *	51.9	357.7	35,500 *	58.3	366.0	35,100				160
165	45.7	345.7	29,500 *	50.0	353.6	33,400 *	56.5	362.7	33,600				165
170	43.5	340.5	27,900 *	48.0	349.2	31,500 *	54.7	359.2	32,200				170
175	41.3	335.0	26,400 *	45.9	344.5	29,700 *	52.8	355.5	30,900				175
180	38.9	328.9	25,000 *	43.7	339.4	28,000 *	50.8	351.5	29,600	57.1	358.5	25,000	180
185	36.4	322.4	23,600 *	41.5	333.9	26,500 *	48.9	347.3	28,400	55.3	355.1	24,000	185
190	33.8	315.2	22,400 *	39.1	327.9	25,100 *	46.8	342.7	27,300	53.5	351.5	23,000	190
195	30.9	307.2	21,200 *	36.7	321.4	23,800 *	44.7	337.7	26,200	51.5	347.6	22,100	195
200	27.8	298.1	20,100 *	34.0	314.2	22,500 *	42.5	332.4	25,200	49.6	343.4	21,200	200
205	24.3	287.7	19,100 *	31.2	306.3	21,400 *	40.2	326.6	24,300	47.6	338.9	20,300	205
210	20.3	275.3	18,100 *	28.1	297.4	20,300 *	37.8	320.4	23,400	45.5	334.1	19,500	210
215	15.3	259.4	17,200 *	24.7	287.1	19,200 *	35.2	313.5	22,500	43.3	329.0	18,700	215
220	7.3	233.4	15,200 *	20.7	275.0	18,200 *	32.5	306.0	21,700	41.0	323.4	18,000	220
225				15.8	259.4	17,300 *	29.5	297.5	20,700 *	38.7	317.3	17,300	225
230				8.4	235.3	16,200 *	26.3	287.9	19,700 *	36.2	310.6	16,600	230
235							22.5	276.7	18,700 *	33.5	303.4	16,000	235
240							18.1	262.9	17,700 *	30.6	295.2	15,400	240
245							12.2	244.0	16,800 *	27.5	286.1	14,800	245
250										23.9	275.5	14,200	250
255										19.8	262.8	13,700	255
260										14.6	246.3	13,100	260
265										5.7	217.3	12,600	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  
0 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	36,200				155
160	50.3	363.7	31,100 *	54.2	370.3	35,200 *	60.0	377.7	34,600				160
165	48.4	359.4	29,300 *	52.4	366.5	33,200 *	58.4	374.6	33,000				165
170	46.5	354.7	27,600 *	50.5	362.5	31,300 *	56.7	371.4	31,600				170
175	44.5	349.8	26,100 *	48.6	358.2	29,500 *	54.9	368.0	30,300				175
180	42.4	344.4	24,600 *	46.7	353.6	27,800 *	53.2	364.3	29,100				180
185	40.2	338.6	23,300 *	44.7	348.6	26,200 *	51.3	360.4	27,900	57.3	367.2	23,400	185
190	37.9	332.4	22,100 *	42.6	343.3	24,800 *	49.5	356.2	26,800	55.6	363.8	22,400	190
195	35.5	325.6	20,900 *	40.4	337.6	23,400 *	47.5	351.7	25,700	53.8	360.2	21,500	195
200	32.9	318.1	19,800 *	38.1	331.4	22,200 *	45.6	346.9	24,700	52.0	356.4	20,600	200
205	30.1	309.8	18,700 *	35.7	324.6	21,000 *	43.5	341.7	23,800	50.1	352.3	19,700	205
210	27.1	300.5	17,700 *	33.1	317.2	19,900 *	41.4	336.2	22,900	48.2	347.9	18,900	210
215	23.7	289.8	16,800 *	30.4	309.0	18,800 *	39.1	330.2	22,000	46.3	343.2	18,200	215
220	19.8	277.1	15,800 *	27.4	299.8	17,800 *	36.8	323.7	21,200	44.2	338.2	17,500	220
225	14.9	260.7	14,900 *	24.0	289.3	16,900 *	34.3	316.6	20,400 *	42.1	332.8	16,800	225
230	7.1	234.0	13,300 *	20.2	276.7	16,000 *	31.6	308.8	19,300 *	39.9	327.0	16,100	230
235				15.4	260.8	15,200 *	28.7	300.1	18,300 *	37.6	320.7	15,500	235
240				8.1	236.0	14,100 *	25.6	290.2	17,300 *	35.2	313.8	14,900	240
245							22.0	278.6	16,400 *	32.6	306.3	14,300	245
250							17.7	264.4	15,600 *	29.8	297.9	13,700	250
255							11.9	245.0	14,700 *	26.7	288.5	13,200	255
260										23.3	277.6	12,600	260
265										19.3	264.5	12,100	265
270										14.2	247.5	11,600	270
275										5.6	217.8	11,100	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  
0 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	144,700 b										65
70	59.9	290.4	131,800 b										70
75	55.0	287.0	120,900 b	66.0	292.0	113,500 b							75
80	49.8	283.0	111,500	61.3	289.5	104,700 b							80
85	44.1	278.2	100,200 *	56.5	286.3	97,200 b							85
90	37.7	272.2	90,200 *	51.4	282.5	90,500 b							90
95	30.1	264.4	81,900 *	45.8	278.0	84,700							95
100	20.1	253.2	74,900 *	39.7	272.3	79,500	60.3	284.5	70,800 b				100
105				32.6	265.2	74,800	55.4	281.2	66,700 b				105
110				23.5	255.4	70,500	50.2	277.3	62,900				110
115				6.5	235.3	66,500	44.5	272.5	59,500				115
120							38.2	266.6	56,400				120
125							30.8	259.1	53,500	53.8	274.2	47,000 b	125
130							21.0	248.3	50,900	48.5	270.0	44,700	130
135										42.7	264.9	42,600	135
140										36.1	258.6	40,600	140
145										28.1	250.3	38,700	145
150										16.9	237.6	37,000	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	144,200 b										65
70	64.0	301.8	131,300 b										70
75	59.9	299.0	120,400 b										75
80	55.7	295.8	111,100	65.2	300.7	104,100 b							80
85	51.1	291.9	100,600 *	61.2	298.1	96,600 b							85
90	46.3	287.4	90,600 *	57.0	295.0	90,000							90
95	41.0	282.0	82,200 *	52.5	291.4	84,100							95
100	35.1	275.4	75,200 *	47.8	287.0	79,000							100
105	28.1	266.9	69,100 *	42.7	281.9	74,300	60.3	293.2	66,000 b				105
110	18.7	254.8	63,800 *	37.0	275.7	70,100	56.0	289.9	62,300				110
115				30.3	267.9	66,300	51.5	286.2	58,900				115
120				21.9	257.3	62,800	46.7	281.7	55,800				120
125				6.0	235.7	59,500	41.5	276.4	53,000				125
130							35.6	269.9	50,400	54.7	282.9	44,000	130
135							28.7	261.6	48,000	50.1	278.9	41,900	135
140							19.6	250.0	45,700	45.1	274.2	39,900	140
145										39.7	268.6	38,100	145
150										33.6	261.6	36,400	150
155										26.2	252.6	34,800	155
160										15.8	238.9	33,300	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  
0 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	143,700 b										65
70	67.1	312.8	130,800 b										70
75	63.6	310.5	120,000 b										75
80	59.9	307.7	110,700										80
85	56.2	304.5	101,000 *	64.7	309.4	96,100 b							85
90	52.2	300.7	90,900 *	61.0	306.8	89,500							90
95	48.0	296.4	82,400 *	57.3	303.7	83,700							95
100	43.5	291.4	75,300 *	53.4	300.1	78,600							100
105	38.5	285.5	69,200 *	49.3	296.0	73,900							105
110	33.0	278.4	63,900 *	44.9	291.2	69,800	60.2	301.8	61,800				110
115	26.4	269.3	59,300 *	40.1	285.6	66,000	56.5	298.6	58,400				115
120	17.6	256.4	55,200 *	34.7	278.9	62,600	52.5	295.0	55,400				120
125				28.5	270.5	59,400	48.3	290.7	52,600				125
130				20.6	259.1	56,400 *	43.9	285.8	50,000				130
135				5.6	236.1	52,500 *	39.0	279.9	47,600	55.3	291.6	41,400	135
140							33.5	272.9	45,400	51.3	287.8	39,500	140
145							27.0	264.0	43,400	47.0	283.3	37,700	145
150							18.4	251.6	41,500	42.4	278.1	36,000	150
155										37.3	272.0	34,500	155
160										31.6	264.4	33,000	160
165										24.6	254.8	31,600	165
170										14.8	240.2	30,300	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  
 0 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	130,300 b										70
75	66.4	321.6	119,400 b										75
80	63.2	319.1	110,200										80
85	59.9	316.3	101,500 *	67.4	320.4	95,500 b							85
90	56.6	313.2	91,300 *	64.2	318.1	88,900							90
95	53.0	309.5	82,700 *	60.9	315.4	83,100							95
100	49.3	305.4	75,500 *	57.6	312.4	78,000							100
105	45.4	300.7	69,300 *	54.1	308.9	73,400							105
110	41.1	295.2	64,000 *	50.4	304.9	69,200							110
115	36.5	288.8	59,300 *	46.6	300.4	65,500	60.2	310.5	57,700				115
120	31.2	281.2	55,100 *	42.4	295.1	62,100	56.8	307.3	54,700				120
125	25.0	271.5	51,400 *	37.9	289.1	59,000	53.3	303.7	51,900				125
130	16.6	257.8	48,100 *	32.9	281.8	56,100	49.6	299.7	49,400				130
135				27.0	272.9	52,500 *	45.7	295.0	47,000				135
140				19.5	260.8	49,100 *	41.5	289.6	44,900	55.8	300.3	38,800	140
145				5.3	236.5	46,000 *	36.9	283.3	42,900	52.2	296.6	37,000	145
150							31.7	275.7	41,000	48.4	292.3	35,300	150
155							25.5	266.3	39,200	44.4	287.5	33,800	155
160							17.4	253.1	37,500	40.1	281.8	32,400	160
165										35.3	275.2	31,000	165
170										29.9	267.1	29,700	170
175										23.3	256.8	28,500	175
180										14.0	241.4	27,300	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  
0 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	118,900										75
80	65.8	330.3	109,700										80
85	62.9	327.8	101,600										85
90	60.0	325.0	93,300 *	66.7	329.2	88,400							90
95	56.9	321.9	84,500 *	63.8	326.8	82,600							95
100	53.7	318.3	77,100 *	60.9	324.1	77,500							100
105	50.3	314.3	70,800 *	57.8	321.0	72,900							105
110	46.8	309.8	65,300 *	54.6	317.6	68,800							110
115	43.1	304.7	60,500 *	51.4	313.8	65,000							115
120	39.1	298.8	56,300 *	47.9	309.4	61,600	60.2	319.1	54,200				120
125	34.7	292.0	52,600 *	44.2	304.5	58,500	57.1	316.0	51,400				125
130	29.7	283.8	49,200 *	40.3	298.8	55,700	53.9	312.5	48,900				130
135	23.8	273.6	46,100 *	36.0	292.3	53,000	50.6	308.5	46,500				135
140	15.8	259.1	43,400 *	31.3	284.6	50,200 *	47.1	304.1	44,400				140
145				25.7	275.1	47,000 *	43.4	299.0	42,400	56.2	309.0	36,400	145
150				18.5	262.4	44,200 *	39.4	293.2	40,500	52.9	305.4	34,800	150
155				5.0	236.9	40,600 *	35.0	286.5	38,800	49.6	301.3	33,300	155
160							30.1	278.4	37,100	46.0	296.6	31,900	160
165							24.3	268.4	35,600	42.2	291.3	30,500	165
170							16.6	254.5	34,100	38.1	285.3	29,300	170
175										33.6	278.2	28,100	175
180										28.4	269.7	27,000	180
185										22.2	258.8	25,900	185
190										13.3	242.5	24,800	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  
 0 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	109,100										80
85	65.4	339.0	101,100										85
90	62.7	336.5	93,700 *										90
95	60.0	333.7	84,800 *	66.2	337.9	82,000							95
100	57.1	330.5	77,300 *	63.5	335.5	76,900							100
105	54.2	327.0	70,900 *	60.8	332.8	72,300							105
110	51.2	323.1	65,300 *	58.0	329.7	68,200							110
115	48.0	318.8	60,500 *	55.1	326.3	64,500							115
120	44.7	313.9	56,200 *	52.1	322.6	61,100	62.9	330.6	53,500				120
125	41.2	308.4	52,400 *	49.0	318.4	58,000	60.2	327.8	50,800				125
130	37.3	302.2	49,000 *	45.7	313.7	55,200	57.4	324.7	48,200				130
135	33.1	294.9	45,900 *	42.2	308.4	52,600	54.5	321.2	45,900				135
140	28.4	286.3	43,200 *	38.5	302.4	50,000 *	51.5	317.4	43,800				140
145	22.7	275.6	40,600 *	34.4	295.4	46,800 *	48.3	313.1	41,800				145
150	15.1	260.4	38,300 *	29.9	287.3	44,000 *	45.0	308.2	40,000	56.5	317.7	34,100	150
155				24.5	277.3	41,400 *	41.5	302.8	38,200	53.5	314.1	32,600	155
160				17.7	263.9	39,000 *	37.7	296.6	36,600	50.5	310.2	31,200	160
165				4.7	237.3	36,000 *	33.5	289.5	35,100	47.3	305.7	29,900	165
170							28.8	281.0	33,700	43.9	300.7	28,700	170
175							23.2	270.4	32,300	40.3	295.0	27,500	175
180							15.8	255.9	31,000	36.4	288.6	26,400	180
185										32.1	281.1	25,300	185
190										27.2	272.1	24,300	190
195										21.2	260.6	23,400	195
200										12.7	243.6	22,400	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  
0 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	76,600							100
105	57.4	339.2	70,800 *	63.2	344.1	72,100							105
110	54.7	335.8	65,200 *	60.7	341.4	68,000							110
115	51.9	332.0	60,300 *	58.2	338.4	64,200							115
120	49.0	327.8	56,100 *	55.5	335.1	60,900							120
125	46.0	323.1	52,300 *	52.8	331.4	57,800	62.7	339.3	50,500				125
130	42.8	317.9	48,900 *	49.9	327.3	55,000	60.2	336.5	48,000				130
135	39.5	312.1	45,800 *	46.9	322.8	52,400	57.6	333.4	45,700				135
140	35.8	305.4	43,000 *	43.8	317.7	49,800 *	54.9	330.0	43,500				140
145	31.8	297.8	40,500 *	40.5	312.1	46,700 *	52.1	326.2	41,600				145
150	27.2	288.7	38,200 *	36.9	305.7	43,800 *	49.3	322.0	39,700				150
155	21.8	277.5	36,100 *	33.0	298.4	41,200 *	46.3	317.4	38,000	56.8	326.4	32,400	155
160	14.5	261.7	34,100 *	28.7	289.9	38,900 *	43.1	312.2	36,400	54.1	322.9	31,000	160
165				23.5	279.4	36,700 *	39.7	306.4	34,900	51.3	319.0	29,700	165
170				17.0	265.4	34,700 *	36.1	299.9	33,500	48.4	314.7	28,400	170
175				4.5	237.6	32,100 *	32.1	292.4	32,200	45.3	309.9	27,300	175
180							27.6	283.4	30,900	42.1	304.6	26,200	180
185							22.3	272.4	29,700	38.6	298.6	25,100	185
190							15.2	257.2	28,600	34.9	291.7	24,200	190
195										30.8	283.8	23,200	195
200										26.1	274.4	22,300	200
205										20.3	262.4	21,500	205
210										12.2	244.6	20,600	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  
0 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	76,100							100
105	60.0	351.0	70,300 *	65.3	355.3	71,500							105
110	57.6	347.9	64,800 *	63.0	352.8	67,400							110
115	55.1	344.5	59,900 *	60.7	350.1	63,700							115
120	52.5	340.8	55,600 *	58.3	347.1	60,300							120
125	49.9	336.7	51,800 *	55.8	343.8	57,300							125
130	47.1	332.2	48,400 *	53.3	340.1	54,400	62.5	347.9	47,400				130
135	44.2	327.2	45,300 *	50.7	336.1	51,800	60.2	345.1	45,100				135
140	41.2	321.7	42,600 *	48.0	331.8	49,400 *	57.8	342.1	42,900				140
145	37.9	315.5	40,000 *	45.1	326.9	46,200 *	55.3	338.7	41,000				145
150	34.4	308.5	37,700 *	42.1	321.6	43,400 *	52.7	335.0	39,200				150
155	30.6	300.5	35,600 *	38.9	315.6	40,800 *	50.1	330.9	37,500				155
160	26.2	291.1	33,700 *	35.5	308.9	38,400 *	47.4	326.4	35,900	57.0	335.1	30,300	160
165	21.0	279.3	31,900 *	31.8	301.3	36,300 *	44.5	321.5	34,400	54.5	331.6	29,000	165
170	13.9	262.9	30,200 *	27.6	292.3	34,300 *	41.4	316.0	33,000	51.9	327.8	27,800	170
175				22.7	281.4	32,400 *	38.2	309.9	31,700	49.3	323.6	26,700	175
180				16.4	266.8	30,700 *	34.7	303.0	30,400	46.5	319.0	25,600	180
185				4.3	237.9	28,600 *	30.9	295.1	29,200	43.6	313.9	24,600	185
190							26.6	285.8	28,100	40.5	308.3	23,600	190
195							21.4	274.3	27,100	37.2	302.0	22,700	195
200							14.6	258.4	26,000	33.6	294.8	21,800	200
205										29.6	286.5	21,000	205
210										25.1	276.6	20,100	210
215										19.6	264.1	19,400	215
220										11.7	245.6	18,600	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  
0 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	71,000							105
110	60.0	359.6	66,000 *	64.9	364.0	66,900							110
115	57.7	356.6	61,000 *	62.8	361.5	63,200							115
120	55.4	353.2	56,500 *	60.6	358.7	59,800							120
125	53.1	349.5	52,600 *	58.4	355.7	56,800							125
130	50.6	345.5	49,100 *	56.1	352.5	54,000							130
135	48.1	341.2	46,000 *	53.8	348.9	51,400	62.3	356.6	44,500				135
140	45.4	336.4	43,100 *	51.3	345.0	49,000	60.1	353.8	42,400				140
145	42.7	331.1	40,500 *	48.8	340.7	46,800	57.9	350.7	40,500				145
150	39.7	325.3	38,200 *	46.2	336.1	44,000 *	55.6	347.4	38,600				150
155	36.6	318.8	36,000 *	43.5	331.0	41,300 *	53.2	343.7	36,900				155
160	33.2	311.5	34,100 *	40.6	325.3	38,900 *	50.8	339.8	35,400				160
165	29.5	303.2	32,200 *	37.6	319.1	36,700 *	48.3	335.4	33,900	57.2	343.8	28,500	165
170	25.3	293.3	30,500 *	34.3	312.0	34,600 *	45.6	330.7	32,500	54.9	340.4	27,300	170
175	20.2	281.1	28,900 *	30.7	304.0	32,800 *	42.9	325.5	31,200	52.5	336.6	26,100	175
180	13.4	264.0	27,400 *	26.6	294.7	31,000 *	40.0	319.7	30,000	50.0	332.5	25,100	180
185				21.9	283.3	29,400 *	36.9	313.3	28,800	47.5	328.1	24,000	185
190				15.8	268.2	27,900 *	33.5	306.1	27,700	44.8	323.2	23,100	190
195				4.2	238.3	24,700 *	29.8	297.8	26,600	42.0	317.8	22,200	195
200							25.6	288.1	25,600	39.0	311.8	21,300	200
205							20.7	276.1	24,700	35.9	305.2	20,500	205
210							14.1	259.6	23,700	32.4	297.7	19,700	210
215										28.6	289.0	18,900	215
220										24.2	278.7	18,200	220
225										18.9	265.7	17,500	225
230										11.3	246.6	16,800	230