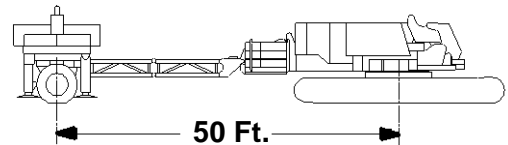


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



**LIFTING CAPACITIES:** Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*). Capacities indicated by (b) require 10,000 Lb. minimum block weight suspended beneath luffing jib point.

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. Exit MAX-ER mode before operating without wheeled counterweight.

Upper luffing jib point capacity for liftcrane service with single part whip line is 30,000 Lbs. or 60,000 Lbs. with two part whip line. 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., 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 in intermediate position and mast up. During operation, boom must be maintained at one of the selected angles shown in chart. 87 degree boom angle requires 200 Ft. minimum boom length. Refer to luffing jib assembly No. 194324, Wire Rope Specification chart No. 8206-A, Counterweight Arrangement chart No. 8412-A and Luffing Jib Raising Procedure chart No. 8209-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. 8208-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 2000, 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 130 Ft. mast, 10 part boom hoist reeving, boom support straps, 14 part luffing jib hoist reeving, luffing jib and backstay support straps, 169,200 Lb. crane counterweight, two 30,000 Lb. carbody counterweights and 240,000 Lb. wheeled counterweight.

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

### Boom and/or Jib Catwalks Deduct

Deduct 1,100 Lbs. from capacities when boom and/or jib catwalks are attached.

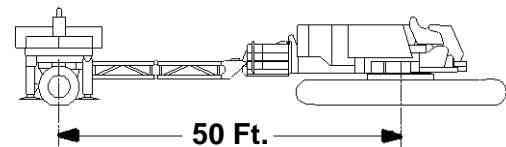


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	85 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	
45	72.1	219.8	445,100*b										45
50	67.7	217.7	400,700*										50
55	63.1	215.1	364,000*										55
60	58.3	212.1	333,200*										60
65	53.2	208.3	306,900*	65.4	214.6	295,900*							65
70	47.7	203.8	284,200*	60.7	211.7	274,100*							70
75	41.6	198.4	264,300*	55.8	208.4	255,100*							75
80	34.6	191.4	246,000*	50.5	204.3	238,300*	62.9	210.1	229,600*				80
85	25.9	181.9	222,300*	44.7	199.3	223,400*	58.1	207.0	215,300*				85
90	11.1	164.6	173,000*	38.2	193.2	210,000*	52.9	203.2	202,500*				90
95				30.5	185.2	197,800*	47.4	198.7	191,000*				95
100				20.0	173.3	186,600*	41.3	193.1	180,500*	55.0	200.7	173,800*	100
105							34.2	186.1	170,900*	49.6	196.5	164,700*	105
110							25.3	176.5	162,000*	43.8	191.4	156,400*	110
115							9.5	157.9	153,300*	37.1	185.0	148,700*	115
120										29.1	176.6	141,500*	120
125										17.8	163.7	134,500*	125

## 140 Ft. Boom, 80 Ft. Jib

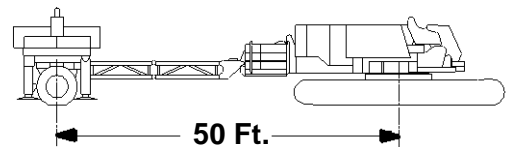
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	70.7	228.5	400,000*										50
55	66.8	226.4	363,400*										55
60	62.7	223.8	332,600*										60
65	58.5	220.7	306,400*										65
70	54.1	217.1	283,800*	64.7	223.2	273,300*							70
75	49.4	212.9	264,100*	60.6	220.4	254,400*							75
80	44.3	207.9	246,700*	56.3	217.1	237,700*							80
85	38.7	201.8	231,200*	51.8	213.2	222,900*	62.5	218.8	214,400*				85
90	32.2	194.2	214,800*	46.9	208.6	209,600*	58.3	215.7	201,700*				90
95	24.0	183.9	186,500*	41.6	203.0	197,700*	53.9	212.0	190,300*				95
100	10.2	165.3	156,200*	35.6	196.3	186,800*	49.2	207.8	179,900*				100
105				28.4	187.6	176,900*	44.1	202.7	170,500*	55.6	209.5	163,900*	105
110				18.5	174.8	167,600*	38.4	196.5	161,800*	51.1	205.5	155,600*	110
115							31.8	188.8	153,800*	46.1	200.7	148,100*	115
120							23.5	178.4	146,400*	40.7	195.0	141,100*	120
125							8.7	158.4	139,000*	34.5	188.0	134,500*	125
130										27.1	178.9	128,400*	130
135										16.4	164.9	122,500*	135

# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



### 140 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	85 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	
50	72.9	239.2	395,200*										50
55	69.5	237.3	362,900*										55
60	66.0	235.1	332,200*										60
65	62.4	232.4	306,100*										65
70	58.7	229.4	283,600*	67.7	234.3	272,800*							70
75	54.8	225.9	263,900*	64.2	231.9	253,900*							75
80	50.7	221.8	246,600*	60.6	229.1	237,300*							80
85	46.3	217.1	231,200*	56.8	225.8	222,500*							85
90	41.6	211.6	213,400*	52.8	222.0	209,400*	62.2	227.4	201,100*				90
95	36.3	205.0	204,500*	48.5	217.6	197,500*	58.5	224.3	189,800*				95
100	30.2	196.8	182,300*	44.0	212.5	186,800*	54.6	220.8	179,500*				100
105	22.5	185.8	159,500*	39.0	206.5	177,000*	50.5	216.7	170,200*				105
110	9.5	165.9	139,100*	33.4	199.2	168,000*	46.1	212.0	161,600*	56.1	218.2	155,100*	110
115				26.6	189.8	159,700*	41.3	206.4	153,800*	52.1	214.3	147,600*	115
120				17.3	176.2	151,900*	36.0	199.7	146,500*	47.9	209.9	140,700*	120
125							29.8	191.4	139,700*	43.2	204.6	134,300*	125
130							22.0	180.2	133,300*	38.2	198.4	128,300*	130
135							8.1	158.9	127,000*	32.4	190.8	122,700*	135
140										25.4	181.0	117,500*	140
145										15.4	166.1	112,300*	145

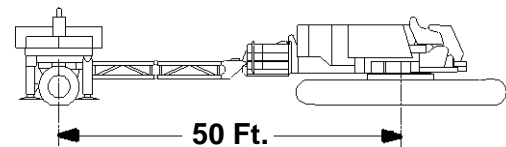


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 100 Ft. Jib

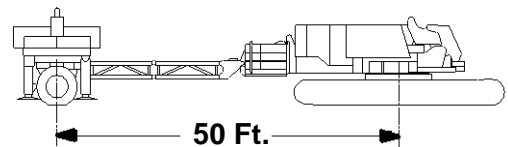
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	71.6	248.0	362,100*										55
60	68.6	246.0	331,500*										60
65	65.4	243.7	305,400*										65
70	62.2	241.1	282,900*										70
75	58.8	238.1	263,300*	67.0	243.0	253,000*							75
80	55.3	234.6	246,000*	63.8	240.6	236,400*							80
85	51.7	230.7	230,700*	60.5	237.7	221,700*							85
90	47.9	226.2	217,000*	57.1	234.5	208,600*							90
95	43.7	221.1	199,700*	53.5	230.8	196,800*	62.0	236.1	188,800*				95
100	39.3	215.1	193,500*	49.8	226.6	186,100*	58.7	233.0	178,600*				100
105	34.3	208.0	175,100*	45.8	221.8	176,500*	55.2	229.5	169,300*				105
110	28.5	199.2	156,700*	41.5	216.3	167,600*	51.5	225.6	160,800*				110
115	21.3	187.6	137,900*	36.8	209.7	159,400*	47.7	221.1	153,100*	56.5	226.9	146,700*	115
120	8.9	166.5	121,300*	31.5	201.9	151,900*	43.5	215.9	145,900*	53.0	223.2	139,800*	120
125				25.1	191.9	144,800*	39.0	209.8	139,200*	49.2	218.9	133,500*	125
130				16.3	177.5	133,200*	34.0	202.7	133,100*	45.2	214.0	127,600*	130
135							28.2	193.8	127,300*	40.8	208.3	122,100*	135
140							20.8	181.9	121,700*	36.1	201.6	117,000*	140
145							7.6	159.4	116,200*	30.6	193.5	112,100*	145
150										24.0	183.1	107,500*	150
155										14.5	167.3	103,000*	155

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	85 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	256.8	330,900*										60
65	67.8	254.8	304,800*										65
70	64.9	252.4	282,300*										70
75	62.0	249.8	262,800*										75
80	58.9	246.7	245,600*	66.4	251.7	235,700*							80
85	55.8	243.4	230,300*	63.4	249.2	221,100*							85
90	52.5	239.5	216,700*	60.5	246.4	208,000*							90
95	49.1	235.2	204,500*	57.4	243.2	196,300*							95
100	45.4	230.4	187,500*	54.2	239.6	185,700*	61.8	244.7	177,900*				100
105	41.5	224.8	170,600*	50.8	235.5	176,000*	58.8	241.7	168,700*				105
110	37.3	218.4	167,500*	47.3	230.9	167,200*	55.6	238.3	160,300*				110
115	32.6	210.8	151,800*	43.5	225.7	159,100*	52.3	234.4	152,500*				115
120	27.1	201.5	136,600*	39.5	219.8	151,700*	48.9	230.1	145,400*	56.9	235.6	139,100*	120
125	20.2	189.2	128,900*	35.0	212.8	144,800*	45.2	225.2	138,800*	53.6	231.9	132,900*	125
130	8.4	167.1	107,100*	29.9	204.5	138,300*	41.3	219.6	132,700*	50.3	227.8	127,000*	130
135				23.9	193.9	132,300*	37.1	213.1	127,000*	46.7	223.1	121,600*	135
140				15.5	178.7	117,300*	32.3	205.5	121,700*	42.9	217.8	116,500*	140
145							26.8	196.1	116,700*	38.8	211.7	111,800*	145
150							19.8	183.6	111,800*	34.3	204.6	107,300*	150
155							7.1	159.9	107,000*	29.1	196.0	103,100*	155
160										22.8	185.0	99,000*	160
165										13.7	168.3	95,000*	165

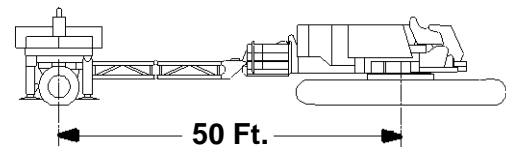


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 120 Ft. Jib

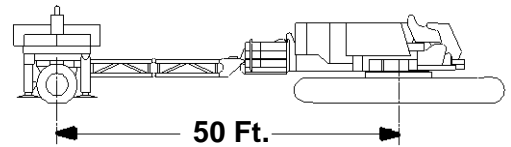
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	72.3	267.5	326,200*										60
65	69.8	265.6	304,000*										65
70	67.2	263.5	281,600*										70
75	64.5	261.1	262,000*										75
80	61.8	258.4	244,900*										80
85	59.0	255.4	229,600*	65.8	260.4	220,200*							85
90	56.2	252.1	216,100*	63.2	257.9	207,200*							90
95	53.2	248.3	203,800*	60.4	255.0	195,500*							95
100	50.1	244.2	191,900*	57.6	251.9	184,900*							100
105	46.8	239.5	175,700*	54.7	248.3	175,300*	61.7	253.4	167,800*				105
110	43.4	234.3	160,900*	51.6	244.4	166,500*	58.9	250.4	159,400*				110
115	39.6	228.3	159,200*	48.4	240.0	158,500*	56.0	247.0	151,700*				115
120	35.6	221.5	145,600*	45.1	235.1	151,100*	53.0	243.2	144,600*				120
125	31.1	213.5	132,700*	41.5	229.5	144,200*	49.9	239.1	138,100*	57.1	244.3	131,900*	125
130	25.9	203.7	119,900*	37.7	223.1	137,900*	46.6	234.4	132,000*	54.2	240.7	126,100*	130
135	19.2	190.8	113,700*	33.4	215.8	132,000*	43.2	229.1	126,400*	51.1	236.7	120,700*	135
140	7.9	167.7	94,800*	28.6	207.0	126,400*	39.5	223.1	121,100*	47.9	232.2	115,700*	140
145				22.8	195.9	118,100*	35.4	216.3	116,200*	44.6	227.2	111,000*	145
150				14.8	179.9	110,700*	30.9	208.2	111,500*	40.9	221.5	106,600*	150
155							25.6	198.3	107,100*	37.0	215.0	102,400*	155
160							18.8	185.1	102,900*	32.7	207.5	98,500*	160
165							6.7	160.3	98,600*	27.8	198.4	94,800*	165
170										21.7	186.8	91,200*	170
175										13.1	169.4	87,600*	175

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	85 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	71.4	276.3	303,800*										65
70	69.0	274.4	281,600*										70
75	66.6	272.2	262,000*										75
80	64.2	269.8	244,900*										80
85	61.7	267.1	229,700*	67.8	271.4	220,200*							85
90	59.1	264.1	216,100*	65.4	269.1	207,100*							90
95	56.5	260.8	203,900*	62.9	266.5	195,400*							95
100	53.7	257.1	192,900*	60.4	263.7	184,900*							100
105	50.9	253.1	179,300*	57.8	260.5	175,300*							105
110	47.9	248.6	165,100*	55.1	257.1	166,600*	61.5	262.0	159,300*				110
115	44.8	243.6	152,000*	52.3	253.2	158,600*	59.0	259.0	151,700*				115
120	41.5	238.0	140,000*	49.4	249.0	151,200*	56.3	255.7	144,600*				120
125	38.0	231.7	139,400*	46.4	244.2	144,400*	53.6	252.0	138,100*				125
130	34.1	224.5	128,000*	43.2	239.0	138,100*	50.7	248.0	132,100*	57.4	253.0	126,100*	130
135	29.8	216.1	117,100*	39.8	233.0	132,200*	47.8	243.4	126,500*	54.7	249.5	120,700*	135
140	24.8	205.9	106,100*	36.1	226.3	126,700*	44.7	238.4	121,200*	51.9	245.6	115,700*	140
145	18.4	192.3	101,100*	32.0	218.6	121,600*	41.4	232.8	116,300*	49.0	241.2	111,100*	145
150	7.5	168.2	84,500*	27.4	209.3	116,000*	37.8	226.5	111,700*	45.9	236.4	106,700*	150
155				21.8	197.7	104,900*	33.9	219.2	107,400*	42.7	231.1	102,600*	155
160				14.1	181.0	98,800*	29.6	210.7	103,300*	39.2	225.0	98,700*	160
165							24.5	200.4	99,400*	35.5	218.2	95,000*	165
170							18.0	186.6	95,700*	31.3	210.2	91,500*	170
175							6.4	160.7	91,800*	26.6	200.7	88,200*	175
180										20.8	188.5	85,000*	180
185										12.5	170.3	81,800*	185

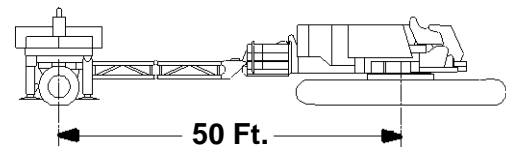


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.8	286.9	293,000*										65
70	70.6	285.1	280,700*										70
75	68.4	283.1	261,200*										75
80	66.2	280.9	244,100*										80
85	63.9	278.4	228,900*										85
90	61.6	275.7	215,400*	67.3	280.1	206,200*							90
95	59.2	272.7	203,200*	65.0	277.8	194,600*							95
100	56.7	269.5	192,300*	62.7	275.2	184,000*							100
105	54.2	265.9	182,300*	60.4	272.4	174,500*							105
110	51.6	261.9	168,300*	57.9	269.2	165,800*							110
115	48.9	257.6	155,700*	55.5	265.8	157,800*	61.4	270.7	150,700*				115
120	46.1	252.8	144,100*	52.9	262.0	150,400*	59.0	267.7	143,700*				120
125	43.1	247.5	133,300*	50.2	257.9	143,700*	56.6	264.4	137,200*				125
130	39.9	241.6	128,400*	47.5	253.3	137,400*	54.1	260.8	131,200*				130
135	36.5	235.0	123,500*	44.6	248.3	131,600*	51.5	256.8	125,600*	57.6	261.7	119,700*	135
140	32.8	227.4	113,800*	41.5	242.7	126,100*	48.7	252.5	120,400*	55.1	258.2	114,800*	140
145	28.7	218.6	104,400*	38.2	236.5	121,000*	45.9	247.6	115,600*	52.5	254.4	110,100*	145
150	23.8	207.9	94,900*	34.7	229.4	116,300*	42.9	242.3	111,000*	49.8	250.2	105,800*	150
155	17.7	193.8	90,800*	30.8	221.2	111,800*	39.7	236.4	106,700*	47.0	245.5	101,700*	155
160	7.2	168.7	76,200*	26.3	211.6	103,800*	36.3	229.7	102,700*	44.1	240.4	97,900*	160
165				21.0	199.5	94,100*	32.6	222.1	98,900*	41.0	234.8	94,300*	165
170				13.6	182.1	89,100*	28.4	213.2	95,300*	37.7	228.4	90,800*	170
175							23.5	202.4	91,800*	34.1	221.2	87,600*	175
180							17.3	188.0	88,500*	30.1	212.8	84,500*	180
185							6.1	161.1	84,000*	25.6	202.9	81,500*	185
190										20.0	190.2	78,600*	190
195										12.0	171.3	75,700*	195

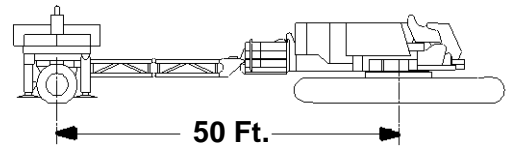


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	71.9	295.7	273,600*										70
75	69.9	293.9	260,600*										75
80	67.8	291.9	243,500*										80
85	65.8	289.6	228,300*										85
90	63.6	287.1	214,800*										90
95	61.4	284.4	202,500*	66.8	288.8	193,900*							95
100	59.2	281.4	191,700*	64.7	286.5	183,300*							100
105	56.9	278.2	181,700*	62.5	283.9	173,800*							105
110	54.6	274.6	170,400*	60.3	281.0	165,100*							110
115	52.2	270.7	157,900*	58.1	277.9	157,200*							115
120	49.7	266.5	146,500*	55.8	274.5	149,800*	61.3	279.3	143,000*				120
125	47.1	261.9	136,000*	53.4	270.8	143,100*	59.1	276.4	136,500*				125
130	44.4	256.8	126,400*	50.9	266.8	136,800*	56.8	273.1	130,500*				130
135	41.5	251.3	117,300*	48.4	262.3	131,000*	54.5	269.5	125,000*				135
140	38.5	245.1	113,300*	45.7	257.5	125,600*	52.1	265.6	119,800*	57.7	270.4	114,100*	140
145	35.2	238.1	109,400*	43.0	252.2	120,600*	49.6	261.4	115,000*	55.4	266.9	109,400*	145
150	31.6	230.2	101,100*	40.0	246.3	115,800*	47.0	256.8	110,400*	53.0	263.2	105,100*	150
155	27.6	221.0	92,900*	36.9	239.7	108,300*	44.2	251.7	106,200*	50.6	259.1	101,100*	155
160	23.0	209.8	84,500*	33.4	232.3	107,200*	41.4	246.1	102,200*	48.0	254.6	97,200*	160
165	17.1	195.2	81,100*	29.7	223.8	100,800*	38.3	239.8	98,400*	45.3	249.7	93,700*	165
170	6.9	169.2	68,000*	25.4	213.8	92,600*	35.0	232.8	94,900*	42.5	244.3	90,300*	170
175				20.2	201.2	84,100*	31.4	224.9	91,500*	39.5	238.3	87,000*	175
180				13.1	183.2	79,800*	27.4	215.6	88,200*	36.3	231.6	84,000*	180
185							22.7	204.3	85,100*	32.9	224.1	81,100*	185
190							16.7	189.4	82,100*	29.0	215.4	78,300*	190
195							5.9	161.5	75,400*	24.6	205.0	75,600*	195
200										19.3	191.8	72,900	200
205										11.5	172.2	70,200	205

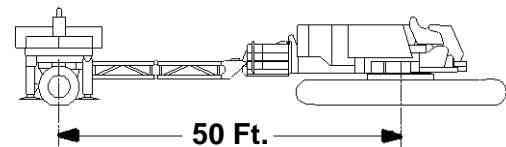


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 160 Ft. Jib

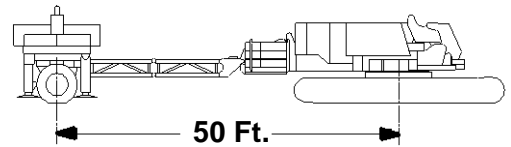
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	71.2	304.6	255,900*										75
80	69.3	302.7	242,600*										80
85	67.4	300.6	227,500*										85
90	65.4	298.3	214,000*										90
95	63.4	295.8	201,900*										95
100	61.4	293.0	187,400*	66.4	297.5	182,400*							100
105	59.3	290.1	181,000*	64.4	295.1	172,900*							105
110	57.1	286.8	171,900*	62.4	292.5	164,200*							110
115	55.0	283.3	159,800*	60.3	289.7	156,300*							115
120	52.7	279.6	148,600*	58.2	286.6	149,000*							120
125	50.4	275.4	138,300*	56.0	283.2	142,300*	61.3	288.0	135,600*				125
130	48.0	271.0	128,900*	53.8	279.6	136,000*	59.2	285.0	129,600*				130
135	45.5	266.1	120,100*	51.5	275.6	130,200*	57.0	281.8	124,100*				135
140	42.9	260.7	111,900*	49.2	271.3	124,900*	54.8	278.3	118,900*				140
145	40.1	254.9	108,600*	46.7	266.6	119,800*	52.6	274.5	114,100*	57.9	279.0	108,400*	145
150	37.2	248.4	105,400*	44.2	261.5	115,100*	50.3	270.3	109,600*	55.7	275.6	104,100*	150
155	34.0	241.1	97,900*	41.5	255.9	110,700*	47.9	265.8	105,400*	53.5	271.9	100,100*	155
160	30.6	232.9	90,600*	38.6	249.8	103,800*	45.4	260.9	101,400*	51.2	267.9	96,300*	160
165	26.7	223.3	83,400*	35.6	242.9	96,600*	42.7	255.6	97,700*	48.8	263.6	92,800*	165
170	22.2	211.7	76,000*	32.3	235.2	93,600*	40.0	249.7	94,100*	46.3	258.8	89,400*	170
175	16.5	196.6	73,200*	28.7	226.3	90,600*	37.0	243.1	90,800*	43.8	253.7	86,200*	175
180	6.7	169.7	61,400*	24.5	215.9	83,400*	33.8	235.8	87,600*	41.1	248.0	83,200*	180
185				19.5	202.8	75,800*	30.4	227.5	84,600*	38.2	241.7	80,300*	185
190				12.6	184.2	72,200*	26.5	217.9	81,700*	35.1	234.7	77,500*	190
195							21.9	206.2	78,900*	31.8	226.9	74,900*	195
200							16.1	190.8	74,800*	28.1	217.8	72,400*	200
205							5.6	161.9	68,300*	23.8	207.0	69,800	205
210										18.6	193.4	67,300	210
215										11.1	173.1	64,800	215

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	85 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	72.4	315.2	229,700*										75
80	70.6	313.4	223,600*										80
85	68.8	311.4	217,600*										85
90	66.9	309.3	211,600*										90
95	65.1	307.0	201,700*										95
100	63.2	304.4	188,400*	67.9	308.5	182,200*							100
105	61.3	301.7	174,100*	66.0	306.2	172,700*							105
110	59.3	298.7	171,800*	64.1	303.8	164,100*							110
115	57.3	295.5	161,200*	62.2	301.2	156,100*							115
120	55.3	292.1	150,100*	60.3	298.3	148,800*							120
125	53.2	288.3	140,000*	58.3	295.2	142,100*							125
130	51.0	284.3	130,700*	56.3	291.9	135,900*	61.2	296.7	129,400*				130
135	48.8	279.9	122,100*	54.2	288.3	130,100*	59.2	293.7	123,900*				135
140	46.4	275.2	114,200*	52.1	284.4	124,800*	57.2	290.5	118,800*				140
145	44.0	270.1	106,700*	49.9	280.2	119,700*	55.2	287.0	114,000*				145
150	41.5	264.5	99,700*	47.6	275.7	115,000*	53.1	283.2	109,500*				150
155	38.8	258.3	97,100*	45.2	270.8	110,600*	50.9	279.2	105,300*	56.0	284.3	100,000*	155
160	36.0	251.6	94,500*	42.8	265.4	106,300*	48.6	274.8	101,300*	53.9	280.7	96,200*	160
165	32.9	244.0	87,900*	40.2	259.6	99,400*	46.3	270.1	97,600*	51.7	276.8	92,600*	165
170	29.6	235.5	81,500*	37.4	253.1	92,900*	43.9	264.9	94,100*	49.5	272.5	89,300*	170
175	25.9	225.5	75,100*	34.5	246.0	90,500*	41.4	259.3	90,700*	47.2	267.9	86,100*	175
180	21.5	213.6	68,500*	31.3	237.9	88,100*	38.7	253.1	87,600*	44.9	262.9	83,100*	180
185	15.9	197.9	66,100*	27.8	228.7	81,700*	35.8	246.3	84,600*	42.4	257.5	80,200*	185
190	6.4	170.2	55,400*	23.7	217.9	75,300*	32.8	238.7	81,700*	39.8	251.6	77,500*	190
195				18.9	204.4	68,500*	29.4	230.1	79,000*	37.0	245.0	74,900*	195
200				12.2	185.2	65,400*	25.6	220.1	76,300*	34.0	237.7	72,400*	200
205							21.2	208.0	73,800*	30.8	229.6	69,900	205
210							15.6	192.1	67,700*	27.2	220.2	67,500	210
215							5.4	162.3	62,000*	23.1	209.0	65,200	215
220										18.0	194.9	62,900	220
225										10.8	174.0	60,600	225

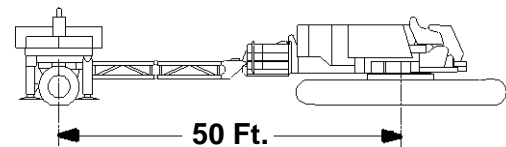


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	71.7	324.0	214,600*										80
85	70.0	322.2	208,800*										85
90	68.3	320.2	203,000*										90
95	66.6	318.0	197,200*										95
100	64.8	315.7	189,000*										100
105	63.0	313.1	174,800*	67.4	317.2	171,800*							105
110	61.2	310.4	162,100*	65.7	314.9	163,200*							110
115	59.4	307.4	162,100*	63.9	312.5	155,200*							115
120	57.5	304.2	151,200*	62.1	309.8	148,000*							120
125	55.5	300.8	141,200*	60.3	307.0	141,300*							125
130	53.6	297.1	132,000*	58.4	303.9	135,100*	62.9	308.1	128,500*				130
135	51.5	293.1	123,600*	56.5	300.6	129,300*	61.1	305.3	122,900*				135
140	49.4	288.9	115,800*	54.5	297.1	123,900*	59.3	302.3	117,800*				140
145	47.3	284.3	108,500*	52.5	293.2	118,900*	57.4	299.1	113,000*				145
150	45.0	279.3	101,600*	50.5	289.1	114,300*	55.4	295.7	108,600*				150
155	42.7	274.0	95,200*	48.4	284.7	109,900*	53.5	292.0	104,400*				155
160	40.3	268.1	93,100*	46.2	279.9	105,800*	51.4	288.0	100,400*	56.2	293.0	95,200*	160
165	37.7	261.7	91,000*	43.9	274.8	101,300*	49.3	283.8	96,700*	54.2	289.4	91,700*	165
170	34.9	254.7	85,000*	41.5	269.2	95,000*	47.2	279.2	93,200*	52.2	285.6	88,300*	170
175	32.0	246.8	79,200*	39.0	263.1	89,100*	44.9	274.2	89,900*	50.2	281.4	85,200*	175
180	28.7	238.0	73,400*	36.3	256.4	83,400*	42.6	268.8	86,800*	48.0	277.0	82,200*	180
185	25.1	227.7	67,700*	33.5	248.9	81,400*	40.1	262.9	83,800*	45.8	272.1	79,300*	185
190	20.8	215.3	61,800*	30.4	240.6	79,500*	37.5	256.5	81,000*	43.5	266.9	76,600*	190
195	15.5	199.2	59,800*	26.9	231.1	73,800*	34.8	249.4	78,300*	41.1	261.2	74,100*	195
200	6.2	170.6	50,000*	23.0	219.9	68,000*	31.8	241.5	75,700*	38.6	255.0	71,600*	200
205				18.3	206.0	61,900*	28.5	232.6	73,200*	35.9	248.2	69,200	205
210				11.8	186.1	59,200*	24.9	222.2	70,800*	33.0	240.7	66,800	210
215							20.6	209.7	67,800*	29.9	232.2	64,600	215
220							15.1	193.3	61,300*	26.4	222.4	62,400	220
225							5.2	162.7	56,300*	22.4	210.9	60,200	225
230										17.5	196.4	58,200	230
235										10.4	174.8	56,100	235

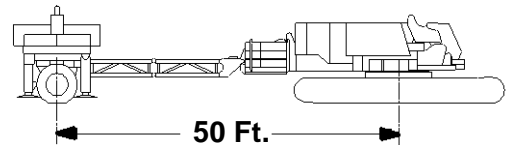


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.7	334.6	189,600*										80
85	71.1	332.9	185,800*										85
90	69.5	331.0	182,000*										90
95	67.9	328.9	178,200*										95
100	66.2	326.7	174,400*										100
105	64.6	324.3	170,500*										105
110	62.9	321.8	162,900*	67.0	325.9	162,400*							110
115	61.1	319.0	151,500*	65.4	323.6	154,500*							115
120	59.4	316.1	146,800*	63.7	321.2	147,300*							120
125	57.6	312.9	142,100*	62.0	318.5	140,600*							125
130	55.8	309.5	132,900*	60.3	315.6	134,400*							130
135	53.9	305.9	124,500*	58.5	312.6	128,600*	62.8	316.7	122,200*				135
140	52.0	302.0	116,800*	56.7	309.3	123,300*	61.1	314.0	117,100*				140
145	50.0	297.8	109,600*	54.8	305.8	118,300*	59.3	311.0	112,300*				145
150	48.0	293.3	102,800*	53.0	302.0	113,600*	57.5	307.8	107,900*				150
155	45.9	288.5	96,500*	51.0	298.0	109,300*	55.7	304.4	103,700*				155
160	43.8	283.3	90,600*	49.0	293.7	105,100*	53.8	300.8	99,800*				160
165	41.5	277.7	84,900*	47.0	289.0	101,300*	51.9	296.9	96,100*	56.4	301.7	90,900*	165
170	39.1	271.6	83,200*	44.8	284.0	96,300*	49.9	292.7	92,600*	54.6	298.2	87,600*	170
175	36.6	265.0	81,500*	42.6	278.6	90,500*	47.9	288.2	89,300*	52.7	294.4	84,500*	175
180	33.9	257.7	76,200*	40.3	272.8	85,000*	45.8	283.3	86,200*	50.7	290.3	81,500*	180
185	31.1	249.6	71,000*	37.9	266.5	79,800*	43.6	278.1	83,200*	48.7	285.9	78,700*	185
190	27.9	240.4	65,800*	35.3	259.5	78,200*	41.4	272.5	80,400*	46.6	281.2	76,000*	190
195	24.4	229.8	60,600*	32.5	251.8	76,600*	39.0	266.4	77,700*	44.5	276.2	73,400*	195
200	20.3	217.1	59,900*	29.5	243.2	71,400*	36.5	259.7	75,100*	42.3	270.7	71,000*	200
205	15.0	200.5	53,600*	26.2	233.4	66,300*	33.8	252.4	72,700*	39.9	264.8	68,700	205
210	6.0	171.1	44,500*	22.4	221.8	61,100*	30.9	244.2	70,400*	37.5	258.4	66,300	210
215				17.8	207.5	55,500*	27.7	235.0	68,100	34.9	251.3	64,000	215
220				11.5	187.1	53,200*	24.2	224.3	65,800	32.1	243.5	61,900	220
225							20.0	211.4	61,100*	29.0	234.7	59,800	225
230							14.7	194.6	55,100*	25.6	224.7	57,800	230
235							5.1	163.0	50,600*	21.7	212.8	55,800	235
240										17.0	197.8	53,900	240
245										10.1	175.6	52,000	245

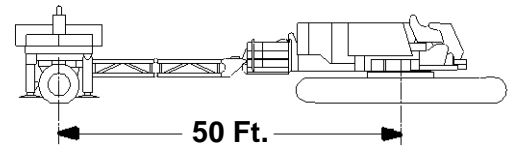


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 200 Ft. Jib

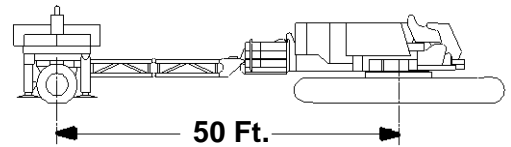
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	72.1	343.4	177,300*										85
90	70.6	341.7	173,400*										90
95	69.0	339.8	169,600*										95
100	67.5	337.7	165,800*										100
105	65.9	335.4	162,000*										105
110	64.3	333.0	158,200*										110
115	62.7	330.4	151,900*	66.7	334.7	153,600*							115
120	61.1	327.7	141,600*	65.1	332.3	146,400*							120
125	59.4	324.7	137,600*	63.5	329.8	139,700*							125
130	57.7	321.6	133,600*	61.9	327.2	133,500*							130
135	56.0	318.2	125,300*	60.2	324.3	127,800*							135
140	54.2	314.6	117,600*	58.6	321.3	122,400*	62.6	325.4	116,100*				140
145	52.4	310.8	110,500*	56.9	318.0	117,400*	61.0	322.6	111,400*				145
150	50.6	306.7	103,800*	55.1	314.5	112,800*	59.3	319.7	106,900*				150
155	48.7	302.3	97,600*	53.3	310.8	108,400*	57.6	316.5	102,800*				155
160	46.7	297.6	91,800*	51.5	306.8	104,300*	55.9	313.1	98,800*				160
165	44.7	292.6	86,300*	49.6	302.6	100,500*	54.1	309.5	95,200*				165
170	42.6	287.2	81,100*	47.7	298.1	96,800*	52.3	305.7	91,700*	56.6	310.4	86,600*	170
175	40.4	281.4	79,700*	45.7	293.2	91,700*	50.5	301.6	88,400*	54.8	306.9	83,500*	175
180	38.1	275.0	78,300*	43.6	288.0	86,300*	48.6	297.2	85,300*	53.0	303.2	80,500*	180
185	35.6	268.2	73,400*	41.5	282.4	81,200*	46.6	292.5	82,400*	51.2	299.2	77,700*	185
190	33.0	260.6	68,600*	39.2	276.3	76,400*	44.6	287.4	79,600*	49.3	294.9	75,100*	190
195	30.2	252.2	64,000*	36.9	269.7	71,700*	42.5	282.0	76,900*	47.4	290.3	72,500*	195
200	27.2	242.8	59,300*	34.3	262.5	70,400*	40.3	276.2	74,400*	45.4	285.4	70,100*	200
205	23.7	231.9	54,600*	31.7	254.6	69,200*	37.9	269.8	71,900*	43.3	280.1	67,800*	205
210	19.7	218.8	54,100*	28.7	245.7	64,500*	35.5	262.9	69,600*	41.1	274.5	65,500*	210
215	14.6	201.7	48,300*	25.5	235.6	59,900*	32.9	255.3	67,300*	38.9	268.3	63,300*	215
220	5.8	171.5	40,000*	21.8	223.7	55,100*	30.1	246.9	65,200*	36.5	261.6	61,100*	220
225				17.3	208.9	50,000*	27.0	237.4	63,000*	33.9	254.3	59,100*	225
230				11.2	188.0	48,000*	23.5	226.4	60,100*	31.2	246.2	57,100*	230
235							19.5	213.1	55,200*	28.3	237.2	55,200*	235
240							14.3	195.7	49,800*	25.0	226.8	53,400*	240
245							4.9	163.4	45,700*	21.2	214.6	51,600*	245
250										16.5	199.2	49,800*	250
255										9.8	176.4	48,100*	255

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 210 Ft. Jib

Jib Oper. Rad. Feet	85 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	73.0	354.0	169,500*										85
90	71.5	352.3	165,700*										90
95	70.1	350.5	162,000*										95
100	68.6	348.5	158,200*										100
105	67.1	346.4	154,500*										105
110	65.6	344.1	150,800*										110
115	64.1	341.7	147,000*	67.9	345.6	153,400*							115
120	62.6	339.1	142,400*	66.4	343.4	146,100*							120
125	61.0	336.3	133,100*	64.9	341.0	139,400*							125
130	59.4	333.4	129,700*	63.4	338.5	133,300*							130
135	57.8	330.2	126,300*	61.8	335.8	127,500*							135
140	56.2	326.9	118,700*	60.2	333.0	122,200*							140
145	54.5	323.3	111,600*	58.6	329.9	117,200*	62.5	334.1	111,100*				145
150	52.8	319.6	105,100*	57.0	326.7	112,600*	61.0	331.3	106,700*				150
155	51.1	315.5	99,000*	55.4	323.2	108,200*	59.4	328.3	102,500*				155
160	49.3	311.2	93,200*	53.7	319.6	104,100*	57.8	325.2	98,600*				160
165	47.4	306.7	87,800*	51.9	315.7	100,300*	56.1	321.8	94,900*				165
170	45.5	301.8	82,700*	50.2	311.5	96,700*	54.4	318.3	91,500*				170
175	43.5	296.6	77,900*	48.3	307.1	93,000*	52.7	314.5	88,200*	56.8	319.1	83,300*	175
180	41.5	290.9	73,300*	46.5	302.3	87,800*	51.0	310.4	85,100*	55.1	315.6	80,300*	180
185	39.3	284.9	72,200*	44.5	297.3	82,800*	49.2	306.1	82,200*	53.4	311.9	77,500*	185
190	37.1	278.4	71,100*	42.5	291.9	78,100*	47.3	301.5	79,400*	51.7	308.0	74,800*	190
195	34.7	271.3	66,700*	40.4	286.0	73,600*	45.4	296.6	76,700*	49.9	303.8	72,300*	195
200	32.2	263.5	62,500*	38.2	279.8	69,200*	43.4	291.4	74,200*	48.0	299.3	69,900*	200
205	29.5	254.8	58,200*	35.9	273.0	65,100*	41.4	285.7	71,800*	46.2	294.5	67,600*	205
210	26.5	245.1	54,000*	33.5	265.5	64,100*	39.2	279.7	69,500*	44.2	289.4	65,300	210
215	23.1	233.9	49,700*	30.9	257.3	63,100*	37.0	273.1	67,300*	42.2	284.0	63,100	215
220	19.2	220.4	49,400*	28.0	248.2	58,900*	34.6	266.0	65,100	40.1	278.1	61,000	220
225	14.2	202.9	44,100*	24.9	237.7	54,600*	32.1	258.1	61,200*	37.9	271.7	58,900	225
230	5.7	171.9	36,400*	21.3	225.5	50,300*	29.3	249.4	60,800	35.5	264.8	57,000	230
235				16.9	210.4	45,600*	26.3	239.6	58,900	33.1	257.3	55,100	235
240				10.9	188.9	43,900*	23.0	228.3	54,900*	30.4	248.9	53,300	240
245							19.0	214.7	50,500*	27.5	239.6	51,600	245
250							13.9	196.9	45,500*	24.3	228.9	49,900	250
255							4.8	163.7	41,900*	20.6	216.4	48,200	255
260										16.1	200.6	46,600	260
265										9.6	177.2	44,500*	265

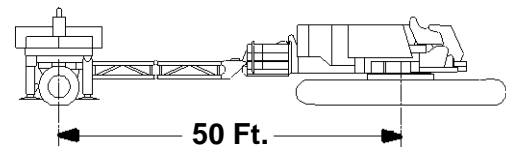


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			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	72.4	362.9	158,200*										90
95	71.0	361.1	154,500*										95
100	69.6	359.3	150,800*										100
105	68.2	357.3	147,100*										105
110	66.8	355.1	143,400*										110
115	65.4	352.8	139,700*										115
120	63.9	350.4	136,000*	67.5	354.3	145,200*							120
125	62.5	347.8	132,500*	66.1	352.1	138,500*							125
130	61.0	345.0	124,400*	64.7	349.7	132,300*							130
135	59.5	342.1	121,500*	63.2	347.2	126,600*							135
140	57.9	338.9	118,600*	61.7	344.5	121,300*							140
145	56.4	335.6	111,600*	60.2	341.6	116,400*							145
150	54.8	332.1	105,100*	58.7	338.6	111,700*	62.4	342.7	105,700*				150
155	53.2	328.3	99,100*	57.2	335.4	107,400*	60.9	340.0	101,600*				155
160	51.5	324.4	93,400*	55.6	331.9	102,200*	59.4	337.0	97,700*				160
165	49.8	320.2	88,100*	54.0	328.3	99,400*	57.9	333.9	94,000*				165
170	48.0	315.7	83,100*	52.3	324.5	95,800*	56.3	330.5	90,600*				170
175	46.2	310.9	78,300*	50.6	320.4	92,400*	54.7	327.0	87,300*				175
180	44.4	305.8	73,800*	48.9	316.0	88,000*	53.1	323.2	84,200*	56.9	327.8	79,300*	180
185	42.5	300.4	69,500*	47.1	311.4	83,100*	51.4	319.3	81,300*	55.3	324.4	76,500*	185
190	40.5	294.6	68,600*	45.3	306.5	78,500*	49.7	315.0	78,500*	53.7	320.7	73,900*	190
195	38.4	288.3	67,800*	43.4	301.2	74,100*	48.0	310.5	75,900*	52.1	316.8	71,400*	195
200	36.2	281.6	63,700*	41.5	295.6	69,900*	46.1	305.8	73,300*	50.4	312.7	69,000*	200
205	33.9	274.3	59,800*	39.4	289.6	65,800*	44.3	300.7	70,900*	48.6	308.3	66,700*	205
210	31.4	266.2	55,900*	37.3	283.1	61,900*	42.4	295.2	68,600*	46.9	303.6	64,500	210
215	28.8	257.3	52,000*	35.0	276.1	61,100*	40.4	289.4	66,500*	45.0	298.7	62,300	215
220	25.9	247.3	48,200*	32.7	268.4	60,400*	38.3	283.1	64,300	43.1	293.4	60,100	220
225	22.6	235.8	44,200*	30.1	260.0	56,600*	36.1	276.3	62,100*	41.2	287.7	58,100	225
230	18.8	222.0	44,000*	27.3	250.5	52,700*	33.8	269.0	58,500*	39.1	281.6	56,200	230
235	13.9	204.0	39,100*	24.3	239.8	48,900*	31.3	260.9	54,800*	37.0	275.0	54,300	235
240	5.5	172.3	32,000*	20.7	227.3	44,900*	28.6	252.0	54,000	34.7	267.9	52,500	240
245				16.5	211.8	40,600*	25.7	241.9	53,200*	32.3	260.1	50,800	245
250				10.6	189.7	39,100*	22.4	230.3	49,300*	29.7	251.5	49,200	250
255							18.5	216.3	45,200*	26.9	241.9	47,600	255
260							13.6	198.0	40,600*	23.7	231.0	46,000	260
265							4.6	164.0	37,300*	20.1	218.1	44,500	265
270										15.7	201.9	43,000	270
275										9.3	177.9	39,700*	275

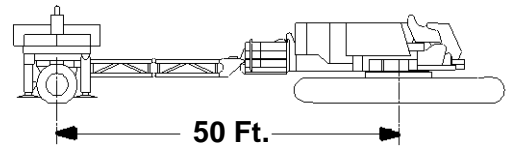


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 230 Ft. Jib

Jib Oper. Rad. Feet	85 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	71.9	371.7	147,500*										95
100	70.6	370.0	143,900*										100
105	69.2	368.1	140,200*										105
110	67.9	366.0	136,600*										110
115	66.5	363.8	133,000*										115
120	65.2	361.5	129,500*										120
125	63.8	359.1	125,900*	67.2	363.0	134,900*							125
130	62.4	356.4	122,300*	65.8	360.8	131,600*							130
135	60.9	353.7	116,900*	64.5	358.4	125,900*							135
140	59.5	350.7	115,500*	63.1	355.9	120,600*							140
145	58.0	347.6	111,900*	61.7	353.2	115,700*							145
150	56.5	344.3	105,500*	60.2	350.3	111,000*							150
155	55.0	340.8	99,500*	58.8	347.3	106,700*	62.3	351.4	100,800*				155
160	53.5	337.1	93,900*	57.3	344.0	102,400*	60.9	348.6	97,000*				160
165	51.9	333.2	88,600*	55.8	340.6	96,500*	59.4	345.7	93,300*				165
170	50.3	329.0	83,700*	54.2	337.1	95,200*	58.0	342.5	89,900*				170
175	48.6	324.7	79,000*	52.7	333.2	91,800*	56.5	339.2	86,600*				175
180	46.9	320.0	74,600*	51.1	329.2	88,400*	54.9	335.7	83,500*				180
185	45.2	315.0	70,400*	49.4	325.0	83,600*	53.4	332.0	80,600*	57.0	336.5	75,800*	185
190	43.3	309.8	66,400*	47.8	320.4	79,100*	51.8	328.1	77,800*	55.5	333.1	73,200*	190
195	41.5	304.2	62,500*	46.0	315.6	74,800*	50.2	323.9	75,200*	54.0	329.4	70,700*	195
200	39.5	298.2	61,900*	44.3	310.5	70,700*	48.5	319.5	72,700*	52.4	325.6	68,300*	200
205	37.5	291.7	61,300*	42.4	305.1	66,700*	46.8	314.9	70,300*	50.8	321.5	66,000*	205
210	35.4	284.8	57,600*	40.5	299.3	63,000*	45.1	309.9	68,000*	49.2	317.2	63,800*	210
215	33.1	277.2	54,000*	38.5	293.1	59,300*	43.3	304.6	65,800*	47.5	312.7	61,600	215
220	30.7	268.9	50,400*	36.4	286.4	55,800*	41.4	299.0	63,800*	45.8	307.8	59,500	220
225	28.1	259.8	46,900*	34.2	279.1	55,200*	39.4	292.9	61,600	44.0	302.7	57,500	225
230	25.3	249.5	43,400*	31.9	271.2	54,700*	37.4	286.5	59,600*	42.1	297.2	55,600	230
235	22.1	237.7	39,800*	29.4	262.5	51,200*	35.2	279.5	56,100*	40.2	291.3	53,700	235
240	18.3	223.6	39,700*	26.7	252.9	47,700*	33.0	271.9	52,800*	38.2	285.0	52,000	240
245	13.6	205.2	35,100*	23.7	241.9	44,100*	30.6	263.6	52,200	36.1	278.2	50,300	245
250	5.4	172.7	28,500*	20.3	229.0	40,400*	28.0	254.4	51,600*	33.9	270.9	48,600	250
255				16.1	213.1	36,500*	25.1	244.1	48,100*	31.5	262.9	47,000	255
260				10.4	190.6	35,200*	21.9	232.2	44,600*	29.0	254.1	45,500	260
265							18.1	217.8	40,800*	26.3	244.2	44,100	265
270							13.3	199.2	36,500*	23.2	233.0	42,600	270
275							4.5	164.4	33,500*	19.7	219.8	41,200	275
280										15.4	203.2	39,800	280

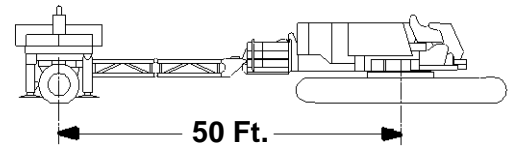


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 140 Ft. Boom, 240 Ft. Jib

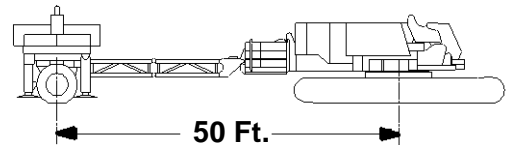
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	72.7	382.3	138,100*										95
100	71.4	380.6	134,700*										100
105	70.1	378.8	131,200*										105
110	68.9	376.8	127,700*										110
115	67.6	374.8	124,200*										115
120	66.3	372.6	120,700*										120
125	65.0	370.2	117,200*										125
130	63.6	367.7	113,800*	66.9	371.8	122,500*							130
135	62.3	365.1	110,500*	65.6	369.5	119,300*							135
140	60.9	362.3	107,100*	64.3	367.1	116,100*							140
145	59.5	359.4	103,900*	62.9	364.5	112,800*							145
150	58.1	356.3	100,600*	61.6	361.8	109,700*							150
155	56.7	353.0	97,400*	60.2	358.9	105,800*							155
160	55.2	349.5	94,300*	58.8	355.9	101,800*	62.2	360.1	96,000*				160
165	53.8	345.9	89,300*	57.4	352.7	97,100*	60.8	357.3	92,400*				165
170	52.2	342.0	84,400*	56.0	349.3	91,600*	59.4	354.3	88,900*				170
175	50.7	337.9	79,800*	54.5	345.8	90,900*	58.0	351.2	85,700*				175
180	49.1	333.6	75,400*	53.0	342.0	87,700*	56.6	347.9	82,600*				180
185	47.5	329.0	71,200*	51.5	338.1	84,300*	55.2	344.4	79,700*				185
190	45.9	324.2	67,200*	49.9	333.9	79,700*	53.7	340.8	76,900*	57.2	345.2	72,200*	190
195	44.1	319.1	63,400*	48.3	329.4	75,500*	52.2	336.9	74,300*	55.7	341.8	69,700*	195
200	42.4	313.6	59,800*	46.7	324.7	71,400*	50.6	332.8	71,800*	54.3	338.2	67,300*	200
205	40.6	307.8	59,300*	45.0	319.8	67,500*	49.0	328.5	69,400*	52.8	334.4	65,100*	205
210	38.6	301.6	58,900*	43.3	314.5	63,800*	47.4	323.9	67,200*	51.2	330.4	62,900*	210
215	36.7	295.0	55,400*	41.5	308.9	60,300*	45.8	319.1	65,000*	49.7	326.2	60,800	215
220	34.6	287.8	52,000*	39.6	302.9	56,800*	44.1	313.9	62,900*	48.1	321.7	58,700	220
225	32.4	280.1	48,700*	37.7	296.4	53,500*	42.3	308.5	60,900	46.4	316.9	56,700	225
230	30.0	271.6	45,400*	35.6	289.5	50,300*	40.5	302.6	58,900	44.7	311.9	54,700	230
235	27.5	262.2	42,200*	33.5	282.1	49,900*	38.5	296.4	56,900	43.0	306.6	52,900	235
240	24.7	251.7	38,900*	31.2	274.0	49,500*	36.6	289.7	53,800*	41.2	300.9	51,200	240
245	21.6	239.6	35,500*	28.8	265.1	46,200*	34.5	282.6	50,700*	39.3	294.9	49,500	245
250	17.9	225.1	33,400*	26.1	255.2	43,000*	32.3	274.8	47,600*	37.3	288.4	47,800	250
255	13.3	206.3	31,300*	23.2	243.9	39,700*	29.9	266.2	47,100	35.3	281.4	46,300	255
260	5.3	173.1	25,100*	19.8	230.7	36,300*	27.3	256.8	46,700*	33.1	273.8	44,800	260
265				15.8	214.5	32,600*	24.6	246.2	43,500*	30.8	265.6	43,300	265
270				10.1	191.4	31,400*	21.4	234.0	40,200*	28.4	256.6	41,900	270
275							17.7	219.4	36,700*	25.7	246.5	40,600	275
280							13.0	200.2	32,700*	22.7	235.0	39,200	280
290										15.0	204.5	36,600*	290

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	
50	69.3	238.4	397,300* <sup>b</sup>										50
55	64.7	236.0	360,900*										55
60	60.0	233.1	330,400*										60
65	55.0	229.6	304,300*										65
70	49.7	225.4	281,800*	64.0	233.5	269,800*							70
75	43.8	220.3	262,100*	59.2	230.5	251,100*							75
80	37.2	214.0	244,700*	54.2	226.9	234,600*							80
85	29.2	205.6	229,100*	48.8	222.6	219,900*							85
90	17.9	192.7	197,100*	42.8	217.3	206,800*	58.2	226.4	197,700*				90
95				36.1	210.7	194,900*	53.1	222.7	186,500*				95
100				27.8	201.8	184,000*	47.6	218.2	176,300*				100
105				15.2	187.4	173,700*	41.5	212.7	167,000*	56.9	220.9	159,400*	105
110							34.5	205.7	158,400*	51.7	217.0	151,400*	110
115							25.7	196.2	150,400*	46.0	212.2	144,000*	115
120							10.6	178.5	142,600*	39.7	206.4	137,100*	120
125										32.3	198.8	130,700*	125
130										22.7	188.2	124,600*	130

## 160 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	85 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	
50	72.0	249.1	389,700* <sup>b</sup>										50
55	68.1	247.1	360,200*										55
60	64.1	244.7	329,700*										60
65	60.0	241.8	303,700*										65
70	55.7	238.4	281,300*	67.5	244.6	268,900*							70
75	51.1	234.4	261,800*	63.5	242.1	250,200*							75
80	46.2	229.6	244,500*	59.3	239.1	233,800*							80
85	40.7	224.0	229,200*	55.0	235.7	219,300*							85
90	34.6	217.0	215,500*	50.3	231.5	206,200*	62.7	238.2	196,700*				90
95	27.2	207.9	198,200*	45.3	226.7	194,500*	58.5	235.1	185,600*				95
100	16.6	194.0	178,000*	39.8	220.8	183,900*	54.0	231.5	175,500*				100
105				33.5	213.6	174,100*	49.3	227.2	166,300*				105
110				25.8	204.0	165,100*	44.3	222.2	157,900*	57.3	229.6	150,400*	110
115				14.1	188.5	156,600*	38.6	216.1	150,200*	52.8	225.8	143,100*	115
120							32.1	208.5	143,000*	48.0	221.4	136,400*	120
125							23.9	198.2	136,200*	42.8	216.1	130,100*	125
130							9.8	179.1	129,500*	36.9	209.6	124,300*	130
135										30.0	201.4	118,800*	135
140										21.0	189.9	113,500*	140

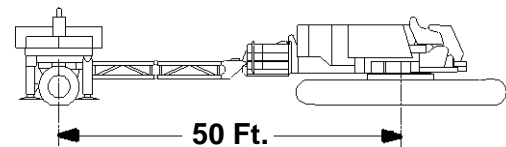


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 160 Ft. Boom, 90 Ft. Jib

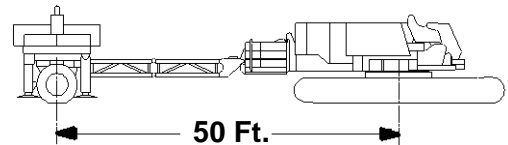
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	70.7	257.9	359,700*										55
60	67.2	255.8	329,300*										60
65	63.7	253.3	303,400*										65
70	60.0	250.4	281,000*										70
75	56.2	247.1	261,600*	66.7	253.3	249,700*							75
80	52.2	243.2	244,400*	63.1	250.8	233,300*							80
85	47.9	238.8	229,200*	59.4	247.8	218,800*							85
90	43.3	233.5	215,600*	55.6	244.4	205,900*							90
95	38.2	227.3	203,300*	51.5	240.4	194,200*	62.4	246.8	185,000*				95
100	32.4	219.8	191,600*	47.2	235.9	183,700*	58.6	243.8	175,000*				100
105	25.5	210.0	169,000*	42.5	230.5	174,100*	54.7	240.3	165,900*				105
110	15.5	195.2	153,400*	37.4	224.1	165,300*	50.6	236.2	157,600*				110
115				31.4	216.3	157,200*	46.3	231.5	149,900*	57.6	238.3	142,500*	115
120				24.2	206.0	149,600*	41.5	225.9	142,900*	53.6	234.6	135,900*	120
125				13.1	189.4	142,300*	36.2	219.3	136,300*	49.5	230.4	129,700*	125
130							30.1	211.0	130,200*	45.0	225.4	124,000*	130
135							22.4	200.0	124,400*	40.1	219.6	118,600*	135
140							9.1	179.7	118,600*	34.6	212.6	113,600*	140
145										28.2	203.8	108,800*	145
150										19.7	191.5	104,200*	150

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.7	268.6	347,500*										55
60	69.6	266.7	328,500*										60
65	66.5	264.5	302,600*										65
70	63.3	262.0	280,300*										70
75	60.0	259.1	260,900*										75
80	56.6	255.8	243,800*	66.0	262.0	232,400*							80
85	53.0	252.1	228,600*	62.8	259.4	217,900*							85
90	49.2	247.8	215,100*	59.5	256.5	205,000*							90
95	45.2	242.9	202,900*	56.0	253.1	193,500*							95
100	40.9	237.2	188,000*	52.4	249.3	183,000*	62.1	255.5	174,000*				100
105	36.1	230.5	181,800*	48.6	244.9	173,500*	58.8	252.4	165,000*				105
110	30.7	222.4	164,300*	44.6	239.9	164,700*	55.3	249.0	156,700*				110
115	24.0	212.0	145,900*	40.2	234.1	156,700*	51.6	245.1	149,100*				115
120	14.6	196.3	133,500*	35.3	227.2	149,300*	47.8	240.6	142,100*	57.8	247.0	134,900*	120
125				29.7	218.8	142,500*	43.7	235.4	135,700*	54.3	243.4	128,700*	125
130				22.8	207.9	136,000*	39.2	229.4	129,700*	50.6	239.3	123,100*	130
135				12.4	190.4	129,800*	34.2	222.3	124,100*	46.7	234.6	117,800*	135
140							28.4	213.5	118,800*	42.5	229.3	112,900*	140
145							21.1	201.8	113,700*	37.9	223.0	108,200*	145
150							8.5	180.3	108,700*	32.7	215.5	103,800*	150
155										26.6	206.1	99,700*	155
160										18.6	193.0	95,600*	160

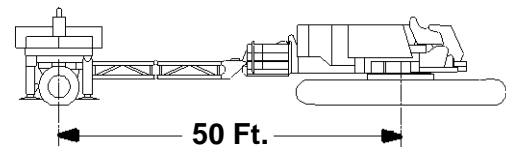


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 160 Ft. Boom, 110 Ft. Jib

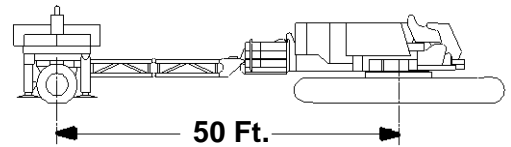
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	71.6	277.4	322,900*										60
65	68.8	275.4	302,000*										65
70	65.9	273.2	279,800*										70
75	63.0	270.6	260,400*										75
80	60.0	267.8	243,300*										80
85	56.9	264.5	228,200*	65.5	270.7	217,300*							85
90	53.7	260.8	214,700*	62.5	268.1	204,400*							90
95	50.3	256.7	202,600*	59.5	265.1	192,900*							95
100	46.7	252.1	191,600*	56.4	261.8	182,400*							100
105	42.9	246.8	177,400*	53.1	258.1	173,000*	61.9	264.1	164,300*				105
110	38.8	240.7	172,500*	49.7	253.9	164,300*	58.9	261.1	156,000*				110
115	34.3	233.5	158,400*	46.2	249.1	156,400*	55.7	257.7	148,500*				115
120	29.1	224.9	143,100*	42.3	243.7	149,100*	52.5	253.9	141,600*				120
125	22.8	213.9	127,700*	38.1	237.5	142,300*	49.0	249.6	135,200*				125
130	13.8	197.4	117,600*	33.5	230.1	136,000*	45.4	244.7	129,200*	54.8	252.1	122,400*	130
135				28.2	221.3	130,100*	41.5	239.1	123,700*	51.5	248.2	117,200*	135
140				21.7	209.7	124,500*	37.2	232.7	118,500*	48.0	243.7	112,300*	140
145				11.7	191.3	119,100*	32.5	225.1	113,600*	44.3	238.7	107,700*	145
150							27.0	215.8	109,000*	40.4	232.9	103,400*	150
155							20.0	203.4	104,600*	36.0	226.2	99,400*	155
160							8.0	180.9	100,200*	31.1	218.2	95,500*	160
165										25.3	208.2	91,800*	165
170										17.6	194.4	88,300*	170

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	70.6	286.2	300,500*										65
70	68.1	284.2	279,000*										70
75	65.4	281.9	259,600*										75
80	62.8	279.3	242,600*										80
85	60.0	276.4	227,500*	67.7	281.7	216,300*							85
90	57.2	273.2	214,000*	65.0	279.4	203,500*							90
95	54.2	269.6	201,900*	62.3	276.7	192,000*							95
100	51.2	265.6	191,000*	59.6	273.8	181,600*							100
105	48.0	261.1	181,100*	56.7	270.5	172,200*							105
110	44.6	256.1	166,900*	53.8	266.9	163,500*	61.8	272.8	155,100*				110
115	41.0	250.4	152,900*	50.7	262.8	155,600*	59.0	269.8	147,600*				115
120	37.1	243.9	151,300*	47.4	258.2	148,400*	56.1	266.4	140,700*				120
125	32.7	236.4	138,200*	44.0	253.1	141,700*	53.1	262.7	134,300*				125
130	27.8	227.3	125,400*	40.4	247.3	135,400*	50.0	258.5	128,400*				130
135	21.8	215.8	112,400*	36.4	240.7	129,600*	46.8	253.9	122,900*	55.3	260.9	116,200*	135
140	13.2	198.4	104,100*	32.0	232.9	124,200*	43.3	248.6	117,800*	52.3	257.0	111,400*	140
145				26.9	223.6	119,100*	39.6	242.7	113,000*	49.1	252.7	106,800*	145
150				20.7	211.4	114,200*	35.5	235.8	108,500*	45.8	247.9	102,600*	150
155				11.1	192.1	106,100*	31.0	227.8	104,200*	42.3	242.5	98,600*	155
160							25.8	218.0	100,200*	38.5	236.3	94,800*	160
165							19.1	205.0	96,300*	34.4	229.2	91,200*	165
170							7.6	181.4	92,300*	29.7	220.7	87,800*	170
175										24.1	210.3	84,600*	175
180										16.8	195.8	81,400*	180

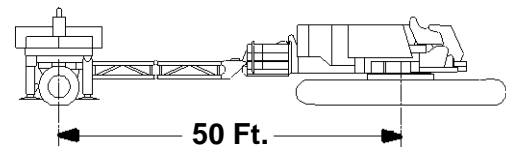


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.2	296.8	290,400*										65
70	69.9	295.0	278,900*										70
75	67.5	292.9	259,600*										75
80	65.0	290.6	242,600*										80
85	62.6	288.0	227,500*										85
90	60.0	285.1	214,100*	67.1	290.4	203,500*							90
95	57.4	281.9	202,000*	64.6	288.0	192,000*							95
100	54.7	278.4	191,100*	62.2	285.4	181,600*							100
105	51.9	274.4	181,200*	59.6	282.5	172,200*							105
110	49.0	270.1	170,700*	57.0	279.2	163,600*							110
115	45.9	265.3	157,300*	54.3	275.6	155,700*	61.6	281.5	147,500*				115
120	42.7	260.0	145,000*	51.4	271.7	148,500*	59.1	278.5	140,600*				120
125	39.3	253.9	144,400*	48.5	267.3	141,800*	56.4	275.1	134,300*				125
130	35.5	247.1	132,900*	45.4	262.4	135,600*	53.7	271.5	128,400*				130
135	31.4	239.1	121,900*	42.2	256.9	129,800*	50.9	267.4	123,000*				135
140	26.6	229.6	111,000*	38.7	250.8	124,400*	47.9	262.9	117,900*	55.7	269.6	111,300*	140
145	20.9	217.5	106,600*	34.9	243.8	119,400*	44.8	257.9	113,100*	52.9	265.8	106,800*	145
150	12.6	199.4	92,700*	30.7	235.6	114,700*	41.5	252.4	108,600*	50.0	261.7	102,600*	150
155				25.8	225.8	110,200*	37.9	246.1	104,400*	47.0	257.0	98,600*	155
160				19.8	213.1	102,400*	34.1	238.8	100,500*	43.9	251.9	94,900*	160
165				10.6	192.9	94,800*	29.7	230.4	96,700*	40.5	246.1	91,400*	165
170							24.7	220.1	93,100*	36.9	239.6	88,000*	170
175							18.3	206.5	89,700*	32.9	232.1	84,900*	175
180							7.2	181.9	86,100*	28.4	223.2	81,800*	180
185										23.1	212.2	78,900*	185
190										16.1	197.1	76,000*	190

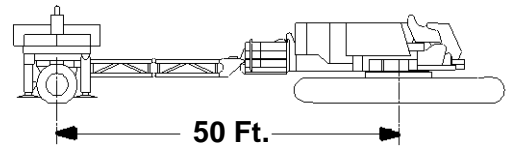


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	71.4	305.7	271,200*										70
75	69.2	303.8	258,800*										75
80	66.9	301.6	241,800*										80
85	64.7	299.3	226,700*										85
90	62.4	296.6	213,300*										90
95	60.0	293.7	201,300*	66.6	299.1	191,000*							95
100	57.6	290.6	190,400*	64.3	296.7	180,700*							100
105	55.1	287.1	180,500*	62.0	294.1	171,300*							105
110	52.5	283.3	171,500*	59.6	291.1	162,700*							110
115	49.8	279.1	161,100*	57.2	287.9	154,900*							115
120	47.1	274.4	149,100*	54.7	284.4	147,700*	61.5	290.1	139,700*				120
125	44.1	269.3	138,100*	52.1	280.5	141,000*	59.1	287.1	133,300*				125
130	41.0	263.7	127,800*	49.4	276.2	134,800*	56.7	283.8	127,500*				130
135	37.7	257.3	123,000*	46.6	271.5	129,100*	54.2	280.2	122,100*				135
140	34.1	250.1	118,300*	43.7	266.3	123,800*	51.6	276.3	117,000*				140
145	30.2	241.8	108,800*	40.5	260.6	118,800*	48.8	271.9	112,300*	56.0	278.3	105,800*	145
150	25.6	231.8	99,300*	37.2	254.1	114,100*	46.0	267.1	107,900*	53.5	274.6	101,600*	150
155	20.1	219.2	95,900*	33.5	246.7	109,700*	43.0	261.8	103,700*	50.8	270.6	97,700*	155
160	12.1	200.4	83,600*	29.5	238.2	105,500*	39.9	255.9	99,800*	48.1	266.1	94,000*	160
165				24.8	227.9	101,600*	36.5	249.3	96,100*	45.2	261.2	90,500*	165
170				19.0	214.7	92,000*	32.7	241.7	92,600*	42.2	255.7	87,200*	170
175				10.2	193.7	85,600*	28.6	232.9	89,200*	38.9	249.6	84,100*	175
180							23.7	222.1	86,000*	35.5	242.7	81,100*	180
185							17.6	208.0	82,900*	31.6	234.8	78,300*	185
190							6.9	182.4	79,700*	27.3	225.6	75,500*	190
195										22.2	214.1	72,900*	195
200										15.5	198.4	70,300*	200

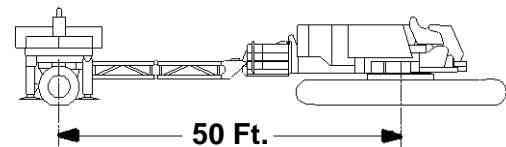


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 160 Ft. Boom, 150 Ft. Jib

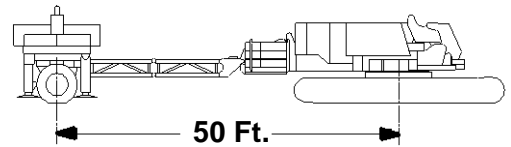
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	72.7	316.3	261,600*										70
75	70.6	314.5	254,400*										75
80	68.6	312.5	241,100*										80
85	66.5	310.3	226,100*										85
90	64.4	307.9	212,700*										90
95	62.2	305.3	200,700*										95
100	60.0	302.4	189,800*	66.2	307.8	180,000*							100
105	57.7	299.2	180,000*	64.0	305.4	170,600*							105
110	55.4	295.8	171,000*	61.9	302.7	162,000*							110
115	53.0	292.1	162,700*	59.7	299.8	154,200*							115
120	50.6	288.0	151,100*	57.4	296.6	147,000*							120
125	48.0	283.5	140,400*	55.1	293.1	140,400*	61.4	298.8	132,600*				125
130	45.3	278.6	130,400*	52.7	289.3	134,200*	59.2	295.8	126,800*				130
135	42.5	273.2	121,200*	50.2	285.1	128,500*	56.9	292.5	121,400*				135
140	39.6	267.2	117,200*	47.6	280.6	123,200*	54.6	289.0	116,300*				140
145	36.4	260.5	113,300*	44.9	275.6	118,300*	52.2	285.1	111,600*				145
150	32.9	253.0	104,800*	42.1	270.2	113,600*	49.7	280.9	107,200*	56.3	287.0	100,900*	150
155	29.1	244.3	96,600*	39.1	264.1	109,200*	47.1	276.3	103,100*	53.9	283.4	97,000*	155
160	24.7	233.9	88,400*	35.8	257.3	105,100*	44.3	271.2	99,200*	51.5	279.4	93,300*	160
165	19.3	220.8	85,600*	32.3	249.6	101,200*	41.5	265.6	95,500*	48.9	275.1	89,900*	165
170	11.6	201.3	74,600*	28.4	240.6	97,500*	38.4	259.4	92,100*	46.3	270.3	86,600*	170
175				23.9	230.0	90,900*	35.1	252.4	88,800*	43.6	265.1	83,500*	175
180				18.3	216.2	82,200*	31.6	244.5	85,600*	40.6	259.4	80,500*	180
185				9.8	194.5	76,600*	27.6	235.2	82,600*	37.5	253.0	77,700*	185
190							22.9	224.1	79,800*	34.2	245.8	75,100*	190
195							16.9	209.4	77,000*	30.5	237.5	72,500*	195
200							6.6	182.8	74,100*	26.3	227.8	70,100*	200
205										21.4	215.9	67,700	205
210										14.9	199.6	65,100	210

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	71.9	325.1	244,900*										75
80	70.0	323.3	238,700*										80
85	68.0	321.3	225,300*										85
90	66.1	319.0	211,900*										90
95	64.1	316.6	199,900*										95
100	62.1	313.9	189,000*	67.7	318.8	179,000*							100
105	60.0	311.1	179,200*	65.8	316.5	169,600*							105
110	57.9	307.9	170,200*	63.8	314.1	161,100*							110
115	55.7	304.5	162,000*	61.7	311.4	153,300*							115
120	53.5	300.8	153,100*	59.7	308.4	146,100*							120
125	51.2	296.8	142,500*	57.6	305.3	139,500*							125
130	48.8	292.5	132,800*	55.4	301.8	133,400*	61.3	307.4	125,800*				130
135	46.4	287.7	123,800*	53.1	298.1	127,700*	59.2	304.4	120,400*				135
140	43.8	282.6	115,400*	50.8	294.0	122,400*	57.1	301.2	115,400*				140
145	41.1	276.9	107,600*	48.5	289.6	117,500*	54.9	297.7	110,700*				145
150	38.2	270.6	104,400*	46.0	284.8	112,900*	52.7	293.9	106,300*				150
155	35.1	263.7	101,300*	43.4	279.6	108,500*	50.4	289.8	102,200*	56.5	295.7	96,000*	155
160	31.8	255.8	94,000*	40.6	273.8	104,400*	47.9	285.3	98,300*	54.3	292.1	92,300*	160
165	28.1	246.7	86,700*	37.7	267.5	100,600*	45.4	280.4	94,700*	52.0	288.2	88,900*	165
170	23.9	236.0	79,500*	34.6	260.3	96,900*	42.8	275.1	91,300*	49.7	284.0	85,600*	170
175	18.7	222.4	77,200*	31.2	252.3	93,500*	40.1	269.2	88,000*	47.3	279.4	82,600*	175
180	11.2	202.2	67,400*	27.5	243.0	89,200*	37.1	262.7	84,900*	44.7	274.4	79,600*	180
185				23.1	231.9	81,900*	34.0	255.4	82,000*	42.1	268.9	76,900*	185
190				17.7	217.7	74,100*	30.5	247.1	79,200*	39.3	262.9	74,200*	190
195				9.5	195.2	69,400*	26.6	237.6	76,500*	36.3	256.2	71,700*	195
200							22.1	226.0	73,900*	33.0	248.7	69,300*	200
205							16.4	210.7	71,300*	29.5	240.1	67,000*	205
210							6.4	183.3	68,700*	25.5	230.0	64,700	210
215										20.7	217.7	62,400	215
220										14.4	200.8	60,100	220

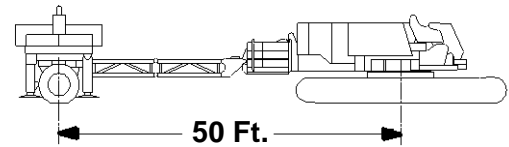


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	73.0	335.7	224,200*										75
80	71.2	334.0	218,900*										80
85	69.4	332.1	213,500*										85
90	67.6	330.0	208,100*										90
95	65.7	327.7	199,700*										95
100	63.9	325.3	188,900*										100
105	62.0	322.6	179,100*	67.3	327.5	169,400*							105
110	60.0	319.7	170,100*	65.4	325.2	160,900*							110
115	58.0	316.6	161,900*	63.6	322.7	153,100*							115
120	56.0	313.2	154,400*	61.6	320.0	146,000*							120
125	53.9	309.6	144,100*	59.7	317.1	139,400*							125
130	51.8	305.7	134,500*	57.7	314.0	133,300*							130
135	49.5	301.4	125,700*	55.7	310.5	127,600*	61.2	316.1	120,200*				135
140	47.3	296.8	117,600*	53.6	306.9	122,300*	59.3	313.1	115,200*				140
145	44.9	291.8	109,900*	51.4	302.9	117,400*	57.3	309.9	110,500*				145
150	42.4	286.4	102,800*	49.2	298.6	112,800*	55.2	306.4	106,200*				150
155	39.8	280.5	100,200*	46.9	293.9	108,400*	53.1	302.7	102,100*				155
160	37.0	273.9	97,600*	44.5	288.9	104,400*	51.0	298.7	98,200*	56.7	304.4	92,200*	160
165	34.0	266.7	91,000*	42.0	283.4	100,500*	48.7	294.3	94,600*	54.7	300.9	88,700*	165
170	30.8	258.5	84,500*	39.4	277.4	96,900*	46.4	289.6	91,200*	52.5	297.0	85,500*	170
175	27.2	249.1	78,100*	36.5	270.7	91,600*	44.0	284.4	87,900*	50.4	292.9	82,400*	175
180	23.1	238.0	71,600*	33.5	263.3	90,200*	41.5	278.8	84,900*	48.1	288.5	79,500*	180
185	18.1	223.9	69,800*	30.3	255.0	86,800*	38.8	272.7	81,900*	45.7	283.6	76,800*	185
190	10.8	203.1	61,000*	26.6	245.3	80,500*	35.9	265.9	79,200*	43.3	278.4	74,200*	190
195				22.4	233.8	74,000*	32.9	258.3	76,500*	40.7	272.6	71,700*	195
200				17.1	219.1	67,000*	29.5	249.7	74,000*	38.0	266.3	69,300*	200
205				9.1	195.9	62,900*	25.8	239.8	71,500*	35.1	259.3	67,000*	205
210							21.4	227.8	69,200*	32.0	251.5	64,700	210
215							15.8	212.1	66,900*	28.6	242.6	62,500	215
220							6.1	183.7	63,500*	24.7	232.2	60,400	220
225										20.0	219.4	58,300	225
230										13.9	201.9	56,200	230

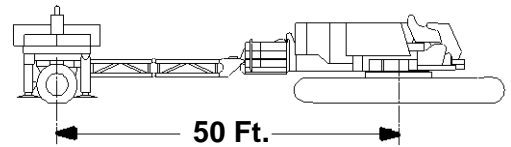


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.3	344.5	207,700*										80
85	70.6	342.8	202,600*										85
90	68.9	340.8	197,400*										90
95	67.2	338.7	192,200*										95
100	65.4	336.4	186,900*										100
105	63.6	333.9	178,300*										105
110	61.8	331.3	167,700*	66.9	336.2	160,000*							110
115	60.0	328.4	161,100*	65.1	333.9	152,200*							115
120	58.1	325.3	153,600*	63.4	331.4	145,100*							120
125	56.2	321.9	145,700*	61.6	328.7	138,500*							125
130	54.3	318.3	136,200*	59.7	325.8	132,400*							130
135	52.2	314.5	127,500*	57.8	322.6	126,700*	63.0	327.5	119,200*				135
140	50.2	310.3	119,400*	55.9	319.2	121,500*	61.2	324.7	114,200*				140
145	48.0	305.9	111,900*	53.9	315.6	116,600*	59.3	321.8	109,600*				145
150	45.8	301.0	104,900*	51.9	311.7	112,000*	57.4	318.6	105,200*				150
155	43.5	295.8	98,300*	49.8	307.5	107,600*	55.5	315.2	101,200*				155
160	41.1	290.1	92,100*	47.7	303.0	103,600*	53.5	311.5	97,300*				160
165	38.6	283.9	90,000*	45.5	298.1	99,800*	51.5	307.5	93,700*	56.9	313.1	87,700*	165
170	35.9	277.1	87,900*	43.2	292.8	96,200*	49.4	303.2	90,300*	55.0	309.6	84,500*	170
175	33.0	269.6	82,100*	40.7	287.1	92,800*	47.2	298.6	87,100*	53.0	305.8	81,500*	175
180	29.9	261.1	76,300*	38.2	280.8	88,100*	45.0	293.7	84,000*	50.9	301.8	78,600*	180
185	26.4	251.4	70,600*	35.5	273.9	86,500*	42.7	288.3	81,100*	48.8	297.4	75,800*	185
190	22.4	239.9	64,700*	32.5	266.2	83,600*	40.2	282.4	78,400*	46.6	292.7	73,200*	190
195	17.5	225.4	63,300*	29.4	257.5	78,600*	37.6	276.0	75,800*	44.4	287.7	70,800*	195
200	10.5	203.9	55,200*	25.8	247.6	72,900*	34.9	269.0	73,300*	42.0	282.2	68,400*	200
205				21.7	235.7	67,000*	31.9	261.1	70,900*	39.5	276.2	66,200*	205
210				16.6	220.5	60,700*	28.7	252.2	68,600*	36.9	269.6	64,000	210
215				8.9	196.6	57,100*	25.0	241.9	66,300*	34.1	262.3	61,800	215
220							20.8	229.6	64,200*	31.0	254.2	59,700	220
225							15.4	213.3	62,000	27.7	245.0	57,700	225
230							5.9	184.2	57,800*	23.9	234.2	55,700	230
235										19.4	221.0	53,800	235
240										13.5	203.0	51,900	240

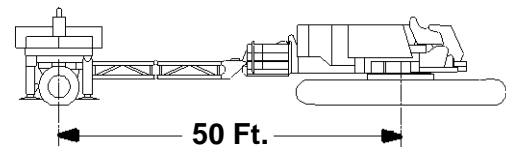


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 160 Ft. Boom, 190 Ft. Jib

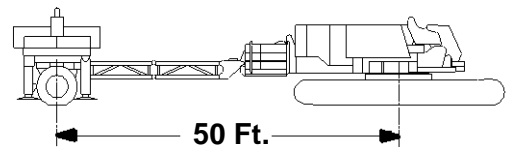
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	71.7	353.4	181,300*										85
90	70.1	351.6	177,900*										90
95	68.4	349.6	174,500*										95
100	66.8	347.4	171,000*										100
105	65.1	345.1	167,600*										105
110	63.5	342.6	164,100*										110
115	61.7	339.9	155,900*	66.5	345.0	151,500*							115
120	60.0	337.0	153,000*	64.9	342.6	144,300*							120
125	58.2	333.9	146,000*	63.2	340.1	137,800*							125
130	56.4	330.6	136,600*	61.5	337.4	131,700*							130
135	54.6	327.1	128,000*	59.7	334.4	126,000*							135
140	52.7	323.3	120,000*	57.9	331.3	120,800*	62.8	336.2	113,500*				140
145	50.7	319.2	112,600*	56.1	328.0	115,900*	61.1	333.4	108,800*				145
150	48.7	314.8	105,700*	54.3	324.4	111,300*	59.4	330.4	104,500*				150
155	46.7	310.1	99,300*	52.4	320.5	107,000*	57.6	327.3	100,400*				155
160	44.5	305.1	93,200*	50.4	316.4	103,000*	55.8	323.9	96,600*				160
165	42.3	299.6	87,500*	48.4	312.0	99,200*	53.9	320.2	93,000*				165
170	40.0	293.7	85,800*	46.3	307.2	95,600*	52.0	316.3	89,600*	57.1	321.8	83,700*	170
175	37.5	287.3	84,100*	44.2	302.1	92,200*	50.0	312.1	86,400*	55.2	318.3	80,700*	175
180	34.9	280.2	78,700*	41.9	296.6	89,000*	48.0	307.7	83,400*	53.4	314.6	77,800*	180
185	32.1	272.4	73,500*	39.6	290.6	84,000*	45.9	302.8	80,500*	51.4	310.6	75,100*	185
190	29.0	263.7	68,300*	37.1	284.1	78,800*	43.7	297.7	77,700*	49.5	306.4	72,500*	190
195	25.7	253.6	63,200*	34.5	276.9	77,200*	41.5	292.0	75,100*	47.4	301.8	70,100*	195
200	21.8	241.8	62,700*	31.6	269.0	75,700*	39.1	286.0	72,700*	45.3	296.9	67,700*	200
205	17.0	226.8	56,700*	28.5	260.0	70,500*	36.6	279.3	70,300*	43.1	291.6	65,500*	205
210	10.2	204.7	49,300*	25.1	249.7	65,400*	33.9	272.0	68,000*	40.8	285.8	63,400*	210
215				21.1	237.5	60,100*	31.0	263.9	65,800*	38.4	279.6	61,200	215
220				16.2	221.9	58,900*	27.9	254.7	63,700*	35.8	272.8	59,100	220
225				8.6	197.3	51,100*	24.3	244.0	61,600	33.1	265.3	57,100	225
230							20.2	231.3	59,600	30.2	256.9	55,200	230
235							14.9	214.6	56,000*	26.9	247.3	53,400	235
240							5.7	184.6	51,900*	23.3	236.2	51,600	240
245										18.9	222.6	49,800	245
250										13.1	204.1	48,100	250

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.6	364.0	173,000*										85
90	71.1	362.2	169,600*										90
95	69.6	360.4	166,100*										95
100	68.0	358.3	162,700*										100
105	66.5	356.2	159,200*										105
110	64.9	353.8	155,800*										110
115	63.3	351.3	152,300*	67.8	355.9	150,500*							115
120	61.7	348.6	145,600*	66.2	353.7	143,400*							120
125	60.0	345.7	145,200*	64.6	351.3	136,800*							125
130	58.3	342.6	137,200*	63.0	348.7	130,800*							130
135	56.6	339.3	128,600*	61.4	346.0	125,100*							135
140	54.9	335.8	120,800*	59.7	343.1	119,900*							140
145	53.1	332.1	113,500*	58.1	340.0	115,000*	62.7	344.8	107,800*				145
150	51.2	328.1	106,700*	56.3	336.6	110,400*	61.1	342.1	103,500*				150
155	49.3	323.8	100,300*	54.6	333.1	106,200*	59.4	339.1	99,500*				155
160	47.4	319.2	94,400*	52.8	329.3	102,100*	57.7	335.9	95,700*				160
165	45.4	314.3	88,800*	50.9	325.3	98,300*	56.0	332.6	92,100*				165
170	43.3	309.0	83,500*	49.0	320.9	94,800*	54.2	329.0	88,700*				170
175	41.2	303.4	82,100*	47.1	316.3	91,400*	52.4	325.1	85,500*	57.2	330.5	79,700*	175
180	38.9	297.2	80,700*	45.1	311.4	88,200*	50.5	321.0	82,500*	55.5	327.0	76,800*	180
185	36.5	290.6	75,700*	43.0	306.0	85,200*	48.6	316.6	79,600*	53.7	323.4	74,100*	185
190	34.0	283.3	70,900*	40.8	300.3	80,300*	46.7	312.0	76,900*	51.9	319.5	71,600*	190
195	31.2	275.2	66,200*	38.5	294.1	75,500*	44.6	306.9	74,300*	50.0	315.3	69,100*	195
200	28.3	266.1	61,600*	36.1	287.3	74,200*	42.5	301.5	71,800*	48.1	310.8	66,800*	200
205	25.0	255.8	56,900*	33.5	279.9	73,000*	40.3	295.7	69,500*	46.1	306.0	64,600*	205
210	21.2	243.6	56,700*	30.8	271.7	68,400*	38.0	289.4	67,200*	44.1	300.9	62,500*	210
215	16.6	228.2	51,200*	27.8	262.5	63,700*	35.6	282.5	65,100*	41.9	295.4	60,400	215
220	9.9	205.5	44,400*	24.4	251.9	59,100*	33.0	274.9	63,000*	39.7	289.4	58,300	220
225				20.5	239.3	54,300*	30.2	266.5	61,000	37.4	283.0	56,300	225
230				15.7	223.2	53,400*	27.1	257.0	59,000	34.9	275.9	54,400	230
235				8.3	198.0	46,200*	23.7	246.1	57,000	32.2	268.1	52,600	235
240							19.6	232.9	55,100	29.4	259.4	50,900	240
245							14.5	215.8	50,700*	26.2	249.6	49,200	245
250							5.6	185.0	47,000*	22.6	238.2	47,500	250
255										18.4	224.2	45,900	255
260										12.7	205.2	44,300	260

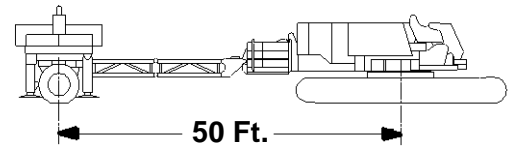


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 160 Ft. Boom, 210 Ft. Jib

Jib Oper. Rad. Feet	85 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	72.0	372.8	162,100*										90
95	70.6	371.1	158,700*										95
100	69.1	369.1	155,300*										100
105	67.7	367.1	151,800*										105
110	66.2	364.9	148,400*										110
115	64.7	362.5	145,000*										115
120	63.1	360.0	141,500*	67.4	364.6	143,100*							120
125	61.6	357.3	136,700*	65.9	362.4	136,600*							125
130	60.0	354.4	134,900*	64.4	360.0	130,500*							130
135	58.4	351.3	129,600*	62.9	357.4	124,900*							135
140	56.8	348.0	121,800*	61.3	354.7	119,700*							140
145	55.1	344.5	114,600*	59.8	351.8	114,800*							145
150	53.4	340.8	107,800*	58.1	348.6	110,200*	62.6	353.5	103,300*				150
155	51.7	336.9	101,600*	56.5	345.3	105,900*	61.0	350.7	99,200*				155
160	49.9	332.7	95,700*	54.8	341.8	101,900*	59.4	347.8	95,400*				160
165	48.1	328.2	90,200*	53.1	338.1	98,100*	57.8	344.6	91,800*				165
170	46.2	323.4	85,000*	51.4	334.1	94,600*	56.2	341.3	88,500*				170
175	44.2	318.3	80,100*	49.6	329.9	91,200*	54.5	337.7	85,300*				175
180	42.2	312.9	75,400*	47.8	325.3	88,000*	52.8	333.9	82,300*	57.4	339.1	76,600*	180
185	40.1	307.0	74,300*	45.9	320.5	85,000*	51.0	329.9	79,400*	55.7	335.7	73,900*	185
190	37.9	300.6	73,300*	43.9	315.4	81,800*	49.2	325.6	76,700*	54.0	332.1	71,300*	190
195	35.6	293.7	68,900*	41.9	309.8	77,200*	47.4	321.0	74,100*	52.3	328.3	68,900*	195
200	33.1	286.2	64,600*	39.8	303.9	72,700*	45.5	316.1	71,600*	50.5	324.2	66,600*	200
205	30.4	277.9	60,300*	37.5	297.4	68,500*	43.5	310.9	69,300*	48.7	319.8	64,400*	205
210	27.6	268.5	56,100*	35.2	290.4	67,500*	41.4	305.3	67,100*	46.9	315.1	62,300*	210
215	24.4	257.9	51,900*	32.7	282.8	66,600*	39.3	299.2	64,900*	44.9	310.1	60,200	215
220	20.7	245.3	51,800*	30.0	274.3	62,400*	37.1	292.7	62,900*	42.9	304.8	58,200	220
225	16.2	229.6	46,700*	27.1	264.8	58,200*	34.7	285.6	60,900*	40.9	299.1	56,200	225
230	9.7	206.3	40,500*	23.8	253.9	53,900*	32.2	277.8	58,900	38.7	292.9	54,300	230
235				20.0	241.0	49,500*	29.4	269.1	57,000	36.4	286.2	52,500	235
240				15.3	224.5	48,900*	26.4	259.3	55,100	34.0	278.9	50,800	240
245				8.1	198.6	42,300*	23.1	248.1	53,300	31.4	270.9	49,100	245
250							19.1	234.6	51,200*	28.6	262.0	47,500	250
255							14.2	217.0	46,300*	25.6	251.8	45,900	255
260							5.4	185.4	43,100*	22.1	240.1	44,400	260
265										17.9	225.7	42,900	265
270										12.4	206.2	41,400	270



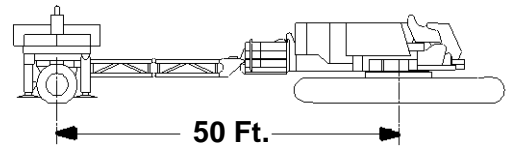


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 160 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			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	72.9	383.4	152,500*										90
95	71.5	381.7	150,600*										95
100	70.1	379.9	148,000*										100
105	68.7	377.9	144,600*										105
110	67.3	375.8	141,200*										110
115	65.9	373.6	137,800*										115
120	64.5	371.2	134,400*										120
125	63.0	368.6	131,100*	67.1	373.3	135,600*							125
130	61.5	365.9	127,700*	65.7	371.1	129,600*							130
135	60.0	363.0	124,400*	64.2	368.7	124,000*							135
140	58.5	360.0	121,100*	62.8	366.1	118,700*							140
145	56.9	356.7	114,500*	61.3	363.3	113,900*							145
150	55.3	353.3	107,800*	59.8	360.4	109,300*							150
155	53.7	349.6	101,600*	58.2	357.3	105,000*	62.5	362.2	98,200*				155
160	52.1	345.7	95,800*	56.7	354.0	101,000*	61.0	359.4	94,400*				160
165	50.4	341.6	90,400*	55.1	350.5	97,300*	59.4	356.4	90,900*				165
170	48.7	337.2	85,300*	53.5	346.9	93,700*	57.9	353.3	87,500*				170
175	46.9	332.5	80,500*	51.8	342.9	90,400*	56.3	350.0	84,300*				175
180	45.0	327.6	75,900*	50.1	338.8	87,200*	54.8	346.4	81,300*				180
185	43.1	322.3	71,500*	48.4	334.3	84,200*	53.1	342.7	78,500*	57.5	347.8	72,900*	185
190	41.2	316.6	70,700*	46.6	329.6	81,300*	51.5	338.7	75,800*	55.9	344.4	70,300*	190
195	39.1	310.5	69,900*	44.7	324.6	77,600*	49.8	334.5	73,200*	54.3	340.9	67,900*	195
200	37.0	303.9	65,700*	42.8	319.3	73,200*	48.0	330.0	70,800*	52.7	337.1	65,600*	200
205	34.7	296.8	61,700*	40.9	313.5	69,100*	46.2	325.3	68,400*	51.0	333.0	63,400*	205
210	32.3	289.0	57,800*	38.8	307.4	65,100*	44.4	320.2	66,200*	49.3	328.7	61,300*	210
215	29.7	280.5	54,000*	36.6	300.7	61,300*	42.4	314.7	64,100*	47.5	324.2	59,300*	215
220	26.9	270.9	50,100*	34.3	293.5	60,500*	40.4	308.9	62,000*	45.7	319.3	57,300	220
225	23.8	260.0	46,200*	31.9	285.6	59,800*	38.4	302.7	60,100*	43.8	314.1	55,300	225
230	20.2	247.1	46,200*	29.3	276.9	56,000*	36.2	295.9	58,200	41.9	308.6	53,500	230
235	15.8	230.9	41,600*	26.4	267.1	52,100*	33.8	288.6	56,200	39.9	302.7	51,700	235
240				23.2	255.9	48,300*	31.4	280.5	54,400	37.8	296.3	50,000	240
245	9.4	207.1	35,800*	19.5	242.6	44,200*	28.7	271.6	52,600	35.5	289.4	48,300	245
250				15.0	225.8	43,700*	25.8	261.6	50,900	33.2	281.9	46,700	250
255				7.9	199.2	37,500*	22.5	250.0	49,300	30.7	273.6	45,200	255
260							18.7	236.2	45,900*	27.9	264.4	43,700	260
265							13.8	218.1	41,300*	24.9	254.0	42,300	265
270							5.3	185.8	38,400*	21.5	241.9	40,900	270
275										17.5	227.2	39,500	275
280										12.1	207.2	38,100	280

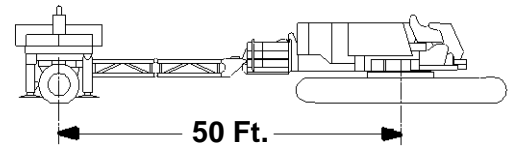


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 160 Ft. Boom, 230 Ft. Jib

Jib Oper. Rad. Feet	85 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	72.4	392.2	141,300*										95
100	71.0	390.5	139,600*										100
105	69.7	388.7	137,700*										105
110	68.4	386.7	134,500*										110
115	67.0	384.5	131,200*										115
120	65.6	382.3	127,900*										120
125	64.3	379.9	124,600*										125
130	62.9	377.3	121,300*	66.8	382.1	128,900*							130
135	61.4	374.6	118,000*	65.4	379.8	123,300*							135
140	60.0	371.7	114,800*	64.0	377.3	118,000*							140
145	58.5	368.6	111,600*	62.6	374.7	113,200*							145
150	57.1	365.4	108,200*	61.2	372.0	108,600*							150
155	55.5	362.0	102,000*	59.8	369.1	104,400*							155
160	54.0	358.3	96,300*	58.3	366.0	100,400*	62.3	370.8	93,700*				160
165	52.4	354.5	90,900*	56.8	362.7	96,600*	60.9	368.0	90,100*				165
170	50.8	350.4	85,900*	55.3	359.3	93,100*	59.5	365.1	86,800*				170
175	49.2	346.1	81,100*	53.8	355.6	89,700*	58.0	362.0	83,600*				175
180	47.5	341.6	76,600*	52.2	351.7	86,500*	56.5	358.7	80,600*				180
185	45.8	336.7	72,300*	50.6	347.6	83,500*	55.0	355.2	77,800*				185
190	44.0	331.6	68,300*	48.9	343.3	80,700*	53.4	351.5	75,100*	57.6	356.5	69,600*	190
195	42.1	326.1	64,400*	47.2	338.7	78,000*	51.9	347.5	72,500*	56.1	353.1	67,200*	195
200	40.2	320.2	63,700*	45.5	333.8	73,900*	50.2	343.4	70,100*	54.6	349.6	64,900*	200
205	38.2	313.9	63,100*	43.7	328.6	69,900*	48.6	339.0	67,800*	53.0	345.8	62,700*	205
210	36.1	307.2	59,400*	41.8	323.1	66,000*	46.9	334.3	65,500*	51.4	341.9	60,600*	210
215	33.9	299.8	55,800*	39.9	317.1	62,300*	45.1	329.4	63,400*	49.8	337.6	58,600*	215
220	31.6	291.8	52,200*	37.9	310.8	58,700*	43.3	324.1	61,400*	48.1	333.2	56,600	220
225	29.0	283.0	48,700*	35.8	303.9	58,200*	41.4	318.5	59,500*	46.4	328.4	54,700	225
230	26.3	273.2	45,200*	33.5	296.5	57,700*	39.5	312.5	57,600	44.6	323.4	52,800	230
235	23.2	262.0	41,600*	31.2	288.4	54,100*	37.5	306.0	55,700	42.8	318.0	51,000	235
240	19.7	248.8	39,500*	28.6	279.4	50,600*	35.3	299.1	53,900	40.9	312.3	49,300	240
245	15.4	232.2	37,500*	25.8	269.4	47,100*	33.1	291.5	52,100	38.9	306.2	47,700	245
250	9.2	207.8	32,100*	22.7	257.9	43,600*	30.7	283.2	50,400	36.9	299.6	46,100	250
255				19.1	244.3	39,800*	28.1	274.1	48,800	34.7	292.5	44,600	255
260				14.6	227.0	39,500*	25.2	263.8	47,200	32.4	284.7	43,100	260
265				7.7	199.8	33,700*	22.0	251.9	45,200*	30.0	276.2	41,700	265
270							18.3	237.7	41,500*	27.3	266.8	40,400	270
275							13.5	219.3	37,300*	24.4	256.1	39,000	275
280							5.1	186.1	34,600*	21.0	243.7	37,700*	280
290										11.8	208.2	34,900*	290

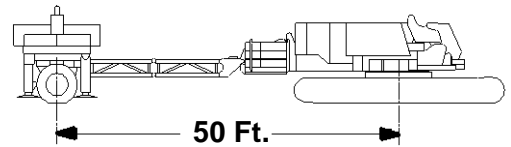


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 160 Ft. Boom, 240 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			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	71.9	401.1	130,700*										100
105	70.6	399.3	129,100*										105
110	69.3	397.4	125,900*										110
115	68.0	395.4	122,600*										115
120	66.7	393.3	119,400*										120
125	65.4	391.0	116,100*										125
130	64.1	388.5	112,900*	67.8	393.0	122,000*							130
135	62.7	386.0	109,800*	66.5	390.8	119,000*							135
140	61.4	383.2	106,600*	65.2	388.5	116,100*							140
145	60.0	380.3	103,400*	63.9	386.0	112,300*							145
150	58.6	377.3	100,400*	62.5	383.4	107,700*							150
155	57.2	374.1	97,400*	61.2	380.7	103,500*							155
160	55.7	370.7	94,300*	59.8	377.7	99,500*							160
165	54.3	367.1	91,300*	58.4	374.7	95,700*	62.2	379.5	89,200*				165
170	52.8	363.3	86,600*	57.0	371.4	92,200*	60.9	376.7	85,800*				170
175	51.2	359.3	81,800*	55.5	368.0	88,900*	59.5	373.8	82,700*				175
180	49.7	355.1	77,300*	54.0	364.4	85,700*	58.1	370.6	79,700*				180
185	48.1	350.6	73,100*	52.5	360.5	82,700*	56.7	367.4	76,900*				185
190	46.4	345.8	69,100*	51.0	356.5	79,800*	55.2	363.9	74,200*				190
195	44.7	340.8	65,200*	49.4	352.2	77,100*	53.7	360.2	71,600*	57.7	365.2	66,200*	195
200	43.0	335.5	61,500*	47.8	347.7	74,600*	52.2	356.4	69,200*	56.3	361.8	63,900*	200
205	41.2	329.8	58,000*	46.2	342.9	70,600*	50.7	352.3	66,900*	54.8	358.3	61,700*	205
210	39.3	323.8	57,500*	44.5	337.9	66,800*	49.1	347.9	64,700*	53.3	354.6	59,600*	210
215	37.4	317.3	57,100*	42.7	332.5	63,100*	47.5	343.4	62,600*	51.8	350.7	57,700*	215
220	35.3	310.3	53,700*	40.9	326.8	59,600*	45.8	338.5	60,500*	50.2	346.5	55,700	220
225	33.2	302.8	50,400*	39.0	320.6	56,300*	44.1	333.4	58,600*	48.7	342.1	53,800	225
230	30.9	294.6	47,100*	37.0	314.1	53,000*	42.3	328.0	56,800*	47.0	337.5	52,000	230
235	28.4	285.5	43,900*	35.0	307.0	52,600*	40.5	322.2	54,900	45.4	332.6	50,200	235
240	25.7	275.4	40,600*	32.8	299.4	52,200*	38.6	316.0	53,100	43.6	327.4	48,500	240
245	22.7	263.9	37,300*	30.5	291.1	49,000*	36.6	309.3	51,400	41.9	321.8	46,900	245
250	19.3	250.4	35,400*	28.0	281.9	45,700*	34.5	302.1	49,700	40.0	315.9	45,300	250
255	15.1	233.5	33,500*	25.3	271.6	42,500*	32.3	294.4	48,100	38.1	309.6	43,800	255
260	9.0	208.5	28,500*	22.2	259.8	39,200*	30.0	285.9	46,500	36.1	302.8	42,400	260
265				18.7	245.9	35,700*	27.4	276.5	45,000	33.9	295.5	40,900*	265
270				14.3	228.2	35,500*	24.7	265.9	43,600	31.7	287.5	39,400*	270
275				7.5	200.4	30,100*	21.5	253.8	40,800*	29.3	278.8	38,100*	275
280							17.9	239.3	37,300*	26.7	269.1	36,700*	280
290							5.0	186.5	31,000*	20.6	245.5	34,100*	290
300										11.6	209.1	31,500*	300

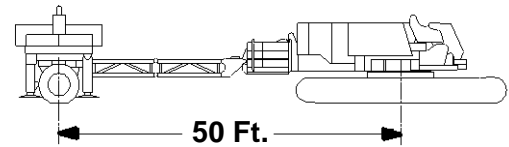


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 180 Ft. Boom, 70 Ft. Jib

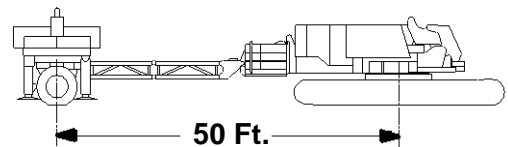
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	70.8	259.0	382,600* <sup>b</sup>										50
55	66.3	256.8	358,100*										55
60	61.7	254.1	327,800*										60
65	56.8	250.8	301,900*										65
70	51.6	246.9	279,600*	67.2	254.9	265,700*							70
75	45.9	242.2	260,100*	62.6	252.3	247,300*							75
80	39.6	236.3	242,900*	57.7	249.1	231,000*							80
85	32.2	228.7	227,500*	52.6	245.3	216,600*							85
90	22.5	218.0	213,500*	47.0	240.8	203,700*							90
95				40.9	235.1	192,000*	58.4	245.9	182,100*				95
100				33.7	228.0	181,400*	53.3	242.2	172,200*				100
105				24.7	218.1	171,600*	47.8	237.7	163,200*				105
110				7.0	197.2	161,900*	41.8	232.2	154,900*				110
115							34.8	225.3	147,200*	53.6	237.3	139,400*	115
120							26.1	215.9	140,000*	48.2	232.9	132,800*	120
125							11.6	199.0	132,900*	42.1	227.5	126,700*	125
130										35.2	220.7	120,900*	130
135										26.6	211.5	115,400*	135
140										12.9	195.5	110,000*	140

# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



### 180 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	85 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	69.5	267.8	354,300*										55
60	65.5	265.5	327,100*										60
65	61.5	262.8	301,300*										65
70	57.2	259.6	279,100*										70
75	52.7	255.8	259,700*	66.3	263.6	246,300*							75
80	47.9	251.3	242,600*	62.2	261.0	230,200*							80
85	42.7	246.0	227,400*	58.0	257.8	215,800*							85
90	36.8	239.5	213,800*	53.6	254.2	203,000*							90
95	30.0	231.3	201,500*	48.9	249.8	191,500*	62.8	257.6	181,100*				95
100	20.9	219.7	190,100*	43.7	244.7	181,100*	58.6	254.5	171,300*				100
105				38.0	238.5	171,500*	54.2	250.9	162,400*				105
110				31.4	230.7	162,700*	49.5	246.7	154,200*				110
115				22.9	219.9	154,500*	44.4	241.7	146,700*				115
120				6.3	197.4	146,400*	38.8	235.6	139,700*	54.5	246.1	131,900*	120
125							32.3	228.1	133,200*	49.8	241.9	125,800*	125
130							24.2	217.9	127,100*	44.7	236.9	120,200*	130
135							10.6	199.7	121,000*	39.2	230.9	115,000*	135
140										32.7	223.5	110,000*	140
145										24.7	213.5	105,300*	145
150										11.9	196.4	100,600*	150

REF ONLY

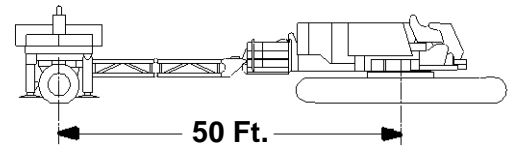


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 180 Ft. Boom, 90 Ft. Jib

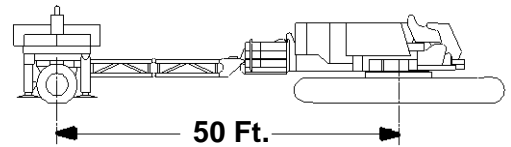
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	71.9	278.5	341,400*										55
60	68.5	276.5	326,600*										60
65	64.9	274.2	300,900*										65
70	61.3	271.4	278,700*										70
75	57.5	268.2	259,400*										75
80	53.6	264.6	242,400*	65.6	272.3	229,600*							80
85	49.4	260.3	227,300*	62.0	269.6	215,300*							85
90	44.9	255.4	213,800*	58.3	266.5	202,600*							90
95	40.0	249.6	201,700*	54.3	262.9	191,200*							95
100	34.6	242.5	190,600*	50.2	258.8	180,800*	62.5	266.2	170,700*				100
105	28.1	233.7	178,300*	45.8	254.0	171,300*	58.8	263.2	161,800*				105
110	19.6	221.3	164,600*	41.0	248.4	162,700*	54.9	259.7	153,700*				110
115				35.7	241.6	154,700*	50.8	255.7	146,300*				115
120				29.4	233.2	147,400*	46.4	250.9	139,400*				120
125				21.5	221.7	140,400*	41.7	245.4	133,000*	55.1	254.8	125,300*	125
130				5.8	197.7	133,400*	36.4	238.8	127,100*	51.0	250.8	119,700*	130
135							30.3	230.7	121,500*	46.7	246.1	114,600*	135
140							22.7	219.8	116,200*	42.0	240.7	109,800*	140
145							9.9	200.4	111,000*	36.7	234.2	105,200*	145
150										30.7	226.1	100,900*	150
155										23.2	215.4	96,800*	155
160										11.1	197.2	92,600*	160

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	70.7	287.3	317,600*										60
65	67.6	285.2	300,100*										65
70	64.4	282.8	278,000*										70
75	61.2	280.1	258,700*										75
80	57.8	276.9	241,700*										80
85	54.3	273.3	226,700*	65.0	280.9	214,400*							85
90	50.6	269.3	213,300*	61.8	278.3	201,700*							90
95	46.6	264.6	201,200*	58.4	275.2	190,300*							95
100	42.4	259.2	190,300*	54.9	271.7	180,000*							100
105	37.8	252.9	180,300*	51.3	267.7	170,600*	62.2	274.9	160,800*				105
110	32.7	245.4	171,200*	47.4	263.1	162,100*	58.9	271.9	152,700*				110
115	26.5	235.9	153,600*	43.3	257.9	154,200*	55.4	268.4	145,300*				115
120	18.5	222.8	143,000*	38.7	251.8	146,900*	51.8	264.5	138,500*				120
125				33.7	244.5	140,200*	47.9	260.1	132,200*				125
130				27.8	235.5	133,900*	43.8	254.9	126,400*	55.6	263.6	118,700*	130
135				20.2	223.4	127,900*	39.4	248.9	121,000*	52.0	259.7	113,600*	135
140				5.4	198.0	121,900*	34.4	241.9	115,800*	48.2	255.2	108,900*	140
145							28.6	233.1	111,000*	44.1	250.1	104,400*	145
150							21.4	221.6	106,400*	39.6	244.2	100,200*	150
155							9.3	201.0	101,800*	34.7	237.2	96,200*	155
160										29.0	228.6	92,500*	160
165										21.9	217.3	88,800*	165
170										10.4	197.9	85,100*	170

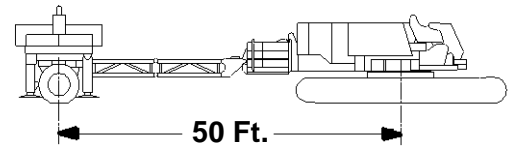


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.5	297.9	306,000*										60
65	69.8	296.1	296,500*										65
70	66.9	293.9	277,400*										70
75	64.0	291.5	258,200*										75
80	61.1	288.7	241,200*										80
85	58.0	285.6	226,300*	67.5	292.0	213,700*							85
90	54.8	282.1	212,900*	64.6	289.6	201,000*							90
95	51.5	278.1	200,800*	61.6	286.9	189,700*							95
100	48.0	273.7	190,000*	58.6	283.9	179,400*							100
105	44.3	268.6	180,100*	55.4	280.4	170,100*							105
110	40.3	262.8	171,000*	52.1	276.6	161,600*	62.0	283.6	152,000*				110
115	35.9	256.1	162,700*	48.7	272.2	153,800*	59.0	280.6	144,700*				115
120	31.0	248.1	149,200*	45.0	267.2	146,600*	55.9	277.2	137,900*				120
125	25.2	238.1	134,100*	41.1	261.6	139,900*	52.6	273.4	131,600*				125
130	17.5	224.2	125,700*	36.8	255.1	133,700*	49.1	269.1	125,900*				130
135				32.0	247.3	127,900*	45.5	264.2	120,500*	56.0	272.3	112,900*	135
140				26.4	237.8	122,500*	41.6	258.7	115,400*	52.8	268.5	108,200*	140
145				19.2	225.0	117,300*	37.4	252.3	110,700*	49.3	264.2	103,800*	145
150				5.0	198.2	110,400*	32.7	244.7	106,300*	45.7	259.4	99,700*	150
155							27.2	235.5	102,000*	41.9	253.9	95,800*	155
160							20.3	223.3	98,000*	37.6	247.6	92,100*	160
165							8.8	201.6	93,900*	33.0	240.1	88,600*	165
170										27.6	231.0	85,200*	170
175										20.8	219.0	82,000*	175
180										9.9	198.6	78,700*	180

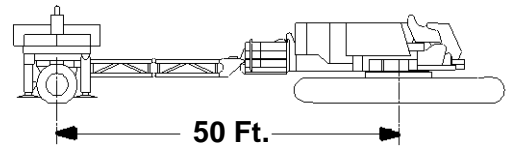


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	71.5	306.8	285,700*										65
70	69.0	304.8	276,600*										70
75	66.4	302.6	257,400*										75
80	63.7	300.2	240,500*										80
85	61.0	297.4	225,500*										85
90	58.2	294.3	212,200*	66.9	300.7	200,100*							90
95	55.3	290.8	200,200*	64.2	298.3	188,700*							95
100	52.3	287.0	189,300*	61.5	295.6	178,500*							100
105	49.1	282.7	179,500*	58.7	292.5	169,200*							105
110	45.8	277.8	170,500*	55.8	289.1	160,700*							110
115	42.3	272.4	158,400*	52.8	285.4	153,000*	61.9	292.2	143,700*				115
120	38.5	266.2	154,700*	49.7	281.2	145,800*	59.1	289.2	136,900*				120
125	34.3	259.1	143,500*	46.4	276.4	139,200*	56.2	285.9	130,700*				125
130	29.6	250.6	130,700*	42.9	271.1	133,100*	53.2	282.2	125,000*				130
135	24.1	240.1	117,800*	39.2	265.1	127,400*	50.1	278.0	119,600*				135
140	16.7	225.6	111,100*	35.1	258.2	122,100*	46.9	273.4	114,600*	56.4	281.0	107,200*	140
145				30.5	250.0	117,100*	43.4	268.1	110,000*	53.4	277.3	102,800*	145
150				25.2	239.9	112,300*	39.7	262.2	105,600*	50.3	273.2	98,700*	150
155				18.3	226.5	107,800*	35.7	255.4	101,500*	47.1	268.5	94,900*	155
160				4.7	198.5	98,000*	31.2	247.4	97,500*	43.6	263.4	91,200*	160
165							26.0	237.7	93,800*	39.9	257.5	87,800*	165
170							19.4	224.9	90,200*	35.9	250.7	84,600*	170
175							8.3	202.2	86,600*	31.5	242.8	81,400*	175
180										26.3	233.2	78,500*	180
185										19.8	220.6	75,600*	185
190										9.4	199.3	72,600*	190

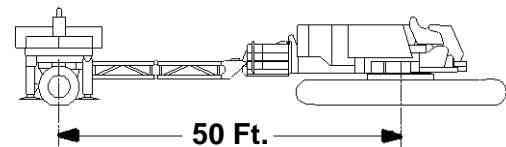


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 180 Ft. Boom, 130 Ft. Jib

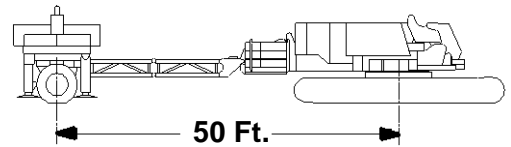
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	70.7	315.6	267,800*										70
75	68.3	313.6	257,300*										75
80	65.9	311.3	240,500*										80
85	63.4	308.8	225,500*										85
90	60.9	306.0	212,200*										90
95	58.3	303.0	200,200*	66.3	309.4	188,700*							95
100	55.6	299.5	189,400*	63.9	307.0	178,500*							100
105	52.9	295.8	179,600*	61.4	304.2	169,200*							105
110	50.0	291.6	170,600*	58.8	301.2	160,700*							110
115	47.0	287.0	162,400*	56.2	297.9	153,000*							115
120	43.9	281.8	150,200*	53.4	294.2	145,900*	61.7	300.9	136,900*				120
125	40.5	276.1	147,900*	50.6	290.1	139,300*	59.2	297.9	130,700*				125
130	36.9	269.5	137,900*	47.6	285.5	133,200*	56.5	294.6	124,900*				130
135	32.9	262.0	126,600*	44.5	280.5	127,500*	53.8	290.9	119,600*				135
140	28.4	253.1	115,700*	41.1	274.8	122,300*	51.0	286.9	114,700*				140
145	23.0	242.1	104,700*	37.6	268.4	117,300*	48.0	282.4	110,000*	56.7	289.7	102,800*	145
150	16.0	226.9	99,000*	33.7	261.1	112,700*	44.9	277.4	105,700*	53.9	286.1	98,700*	150
155				29.3	252.5	108,300*	41.6	271.9	101,600*	51.1	282.0	94,900*	155
160				24.1	242.0	104,100*	38.1	265.6	97,700*	48.2	277.6	91,300*	160
165				17.5	227.9	100,100*	34.2	258.4	94,100*	45.1	272.7	87,900*	165
170				4.5	198.7	87,800*	29.9	250.0	90,600*	41.8	267.1	84,700*	170
175							24.9	239.8	87,300*	38.3	260.9	81,600*	175
180							18.6	226.4	84,100*	34.4	253.8	78,700*	180
185							7.9	202.8	80,800*	30.2	245.5	75,900*	185
190										25.2	235.4	73,200*	190
195										19.0	222.2	70,600*	195
200										8.9	200.0	67,900*	200

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.1	326.2	256,900*										70
75	69.9	324.4	251,000*										75
80	67.7	322.3	239,600*										80
85	65.5	320.0	224,700*										85
90	63.2	317.5	211,400*										90
95	60.8	314.7	199,500*										95
100	58.4	311.6	188,700*	65.9	318.1	177,500*							100
105	56.0	308.3	178,900*	63.6	315.6	168,300*							105
110	53.4	304.6	170,000*	61.3	312.9	159,800*							110
115	50.8	300.5	161,800*	58.9	309.9	152,100*							115
120	48.0	296.0	153,800*	56.4	306.6	145,000*							120
125	45.2	291.1	142,400*	53.9	302.9	138,500*	61.6	309.5	129,700*				125
130	42.1	285.6	131,900*	51.3	298.9	132,400*	59.2	306.5	124,000*				130
135	38.9	279.5	127,100*	48.6	294.5	126,800*	56.8	303.3	118,700*				135
140	35.4	272.6	122,300*	45.7	289.7	121,500*	54.3	299.7	113,700*				140
145	31.6	264.7	112,700*	42.7	284.3	116,600*	51.6	295.7	109,100*				145
150	27.3	255.4	103,300*	39.5	278.4	112,000*	48.9	291.4	104,800*	56.9	298.4	97,700*	150
155	22.1	243.9	93,800*	36.1	271.6	107,700*	46.1	286.6	100,800*	54.4	294.8	93,900*	155
160	15.4	228.1	89,100*	32.3	264.0	103,600*	43.1	281.4	97,000*	51.8	290.9	90,300*	160
165				28.1	255.0	99,800*	40.0	275.5	93,400*	49.1	286.6	86,900*	165
170				23.2	244.0	96,100*	36.6	268.9	89,900*	46.3	281.8	83,700*	170
175				16.9	229.3	92,500*	32.9	261.3	86,700*	43.3	276.6	80,700*	175
180				4.2	198.9	79,300*	28.7	252.5	83,600*	40.2	270.7	77,900*	180
185							23.9	241.9	80,700*	36.8	264.2	75,100*	185
190							17.8	227.9	77,800*	33.1	256.7	72,500*	190
195							7.6	203.3	74,800*	29.0	248.0	70,000*	195
200										24.2	237.4	67,600*	200
205										18.2	223.7	65,300*	205
210										8.6	200.6	62,700	210

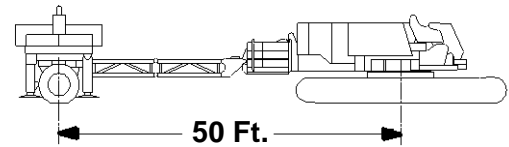


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 180 Ft. Boom, 150 Ft. Jib

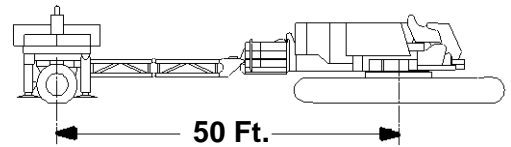
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	71.3	335.0	235,600*										75
80	69.3	333.2	230,300*										80
85	67.2	331.0	224,100*										85
90	65.1	328.7	210,800*										90
95	63.0	326.2	198,900*										95
100	60.8	323.4	188,100*	67.6	329.1	176,800*							100
105	58.5	320.3	178,300*	65.5	326.8	167,500*							105
110	56.2	317.0	169,400*	63.4	324.3	159,100*							110
115	53.9	313.3	161,200*	61.2	321.5	151,400*							115
120	51.4	309.4	153,700*	59.0	318.5	144,400*							120
125	48.9	305.0	144,600*	56.7	315.3	137,800*							125
130	46.3	300.3	134,400*	54.3	311.7	131,800*	61.5	318.2	123,200*				130
135	43.5	295.1	124,900*	51.9	307.8	126,200*	59.3	315.2	117,900*				135
140	40.6	289.3	120,900*	49.4	303.5	121,000*	57.0	312.0	113,000*				140
145	37.5	282.9	116,900*	46.8	298.8	116,100*	54.7	308.4	108,400*				145
150	34.2	275.7	108,400*	44.1	293.7	111,500*	52.2	304.6	104,200*				150
155	30.5	267.4	100,100*	41.2	288.1	107,200*	49.7	300.4	100,100*	57.1	307.1	93,100*	155
160	26.3	257.7	91,900*	38.1	281.8	103,200*	47.1	295.7	96,300*	54.8	303.5	89,500*	160
165	21.3	245.8	89,500*	34.8	274.7	99,400*	44.4	290.7	92,800*	52.4	299.7	86,200*	165
170	14.8	229.4	79,600*	31.2	266.7	95,700*	41.6	285.1	89,400*	49.9	295.5	83,000*	170
175				27.1	257.3	92,300*	38.5	278.9	86,200*	47.3	290.9	80,100*	175
180				22.4	245.9	88,900*	35.3	272.0	83,100*	44.6	285.9	77,200*	180
185				16.2	230.7	85,800*	31.7	264.1	80,300*	41.7	280.4	74,500*	185
190				4.0	199.2	71,000*	27.7	254.9	77,500*	38.7	274.2	72,000*	190
195							23.1	243.8	74,800*	35.5	267.3	69,500*	195
200							17.2	229.3	72,200*	31.9	259.5	67,200*	200
205							7.3	203.9	69,500*	27.9	250.4	64,900*	205
210										23.3	239.4	62,600	210
215										17.6	225.2	60,400	215
220										8.2	201.2	58,000	220

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.5	345.6	220,500*										75
80	70.6	343.9	216,300*										80
85	68.7	341.9	211,500*										85
90	66.8	339.8	206,100*										90
95	64.8	337.4	198,000*										95
100	62.8	334.8	187,300*										100
105	60.7	332.0	177,500*	67.1	337.8	166,500*							105
110	58.6	329.0	168,600*	65.2	335.5	158,200*							110
115	56.5	325.7	160,500*	63.2	333.0	150,500*							115
120	54.3	322.1	153,000*	61.1	330.2	143,400*							120
125	52.0	318.2	146,100*	59.0	327.2	136,900*							125
130	49.7	314.0	136,600*	56.9	323.9	130,900*							130
135	47.2	309.4	127,400*	54.7	320.4	125,300*	61.4	326.8	116,900*				135
140	44.7	304.4	118,800*	52.4	316.6	120,100*	59.3	323.9	112,000*				140
145	42.0	298.9	110,800*	50.1	312.4	115,300*	57.2	320.7	107,500*				145
150	39.2	292.8	107,600*	47.7	307.9	110,700*	55.0	317.2	103,200*				150
155	36.2	286.1	104,500*	45.2	303.0	106,500*	52.8	313.4	99,200*				155
160	33.0	278.6	97,100*	42.6	297.6	102,400*	50.4	309.3	95,400*	57.3	315.8	88,500*	160
165	29.4	270.0	89,900*	39.8	291.6	98,700*	48.0	304.8	91,900*	55.1	312.3	85,200*	165
170	25.4	259.9	82,600*	36.8	285.1	95,100*	45.5	299.9	88,500*	52.9	308.5	82,000*	170
175	20.6	247.5	80,800*	33.6	277.7	91,700*	42.9	294.6	85,400*	50.6	304.4	79,100*	175
180	14.3	230.5	71,900*	30.1	269.3	88,400*	40.2	288.7	82,400*	48.2	300.0	76,300*	180
185				26.2	259.6	85,400*	37.2	282.2	79,500*	45.7	295.1	73,600*	185
190				21.6	247.7	80,200*	34.1	275.0	76,800*	43.1	289.8	71,100*	190
195				15.7	232.0	77,600*	30.6	266.8	74,200*	40.3	284.0	68,600*	195
200				3.9	199.4	64,300*	26.8	257.2	71,700*	37.4	277.5	66,300*	200
205							22.3	245.7	69,200*	34.3	270.3	64,100*	205
210							16.6	230.7	66,900*	30.8	262.2	62,000	210
215							7.0	204.4	64,400*	27.0	252.7	59,800	215
220										22.6	241.4	57,700	220
225										17.0	226.6	55,600	225
230										7.9	201.8	53,500	230

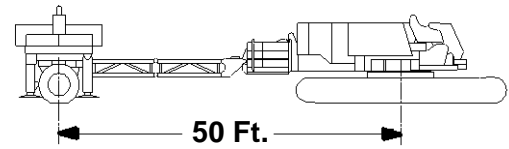


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	71.8	354.5	201,200*										80
85	70.0	352.7	197,500*										85
90	68.2	350.7	193,300*										90
95	66.4	348.5	188,600*										95
100	64.5	346.1	183,600*										100
105	62.6	343.5	177,400*										105
110	60.7	340.7	168,500*	66.7	346.5	158,000*							110
115	58.7	337.6	160,400*	64.9	344.2	150,300*							115
120	56.7	334.4	152,900*	63.0	341.6	143,300*							120
125	54.6	330.8	146,000*	61.1	338.9	136,800*							125
130	52.5	327.0	138,700*	59.1	335.9	130,800*							130
135	50.3	322.9	129,600*	57.1	332.6	125,200*							135
140	48.1	318.4	121,200*	55.0	329.1	120,000*	61.3	335.5	111,800*				140
145	45.7	313.6	113,400*	52.9	325.4	115,100*	59.4	332.5	107,300*				145
150	43.3	308.3	106,000*	50.7	321.3	110,600*	57.4	329.3	103,000*				150
155	40.7	302.5	103,400*	48.5	316.9	106,400*	55.3	325.9	99,000*				155
160	38.0	296.2	100,800*	46.2	312.1	102,400*	53.2	322.2	95,300*				160
165	35.1	289.2	94,000*	43.7	306.9	98,600*	51.0	318.1	91,800*	57.5	324.4	85,000*	165
170	32.0	281.4	87,500*	41.2	301.3	95,000*	48.8	313.8	88,400*	55.4	321.0	81,900*	170
175	28.5	272.5	81,100*	38.5	295.1	91,700*	46.5	309.0	85,300*	53.3	317.3	78,900*	175
180	24.6	262.0	74,600*	35.7	288.2	88,500*	44.1	303.9	82,300*	51.2	313.3	76,100*	180
185	20.0	249.2	73,200*	32.6	280.6	85,400*	41.5	298.3	79,400*	48.9	308.9	73,500*	185
190	13.8	231.7	65,200*	29.2	271.9	82,500*	38.9	292.2	76,700*	46.6	304.2	70,900*	190
195				25.4	261.8	79,200*	36.1	285.5	74,200*	44.2	299.1	68,500*	195
200				20.9	249.5	72,600*	33.0	277.9	71,700*	41.7	293.6	66,300*	200
205				15.2	233.2	70,500*	29.7	269.4	69,300*	39.0	287.5	64,100*	205
210				3.7	199.6	58,300*	25.9	259.5	67,100*	36.2	280.8	62,000*	210
215							21.6	247.6	64,900*	33.2	273.3	59,800	215
220							16.1	232.0	62,700*	29.9	264.8	57,800	220
225							6.8	204.9	60,400	26.2	255.0	55,800	225
230										21.8	243.2	53,900	230
235										16.4	228.0	52,000	235
240										7.6	202.4	50,000	240

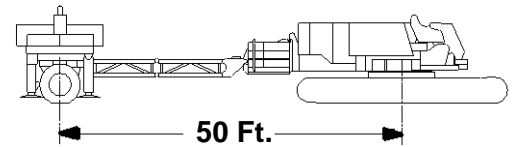


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.9	365.0	188,500*										80
85	71.2	363.3	185,500*										85
90	69.5	361.5	182,100*										90
95	67.8	359.4	178,300*										95
100	66.0	357.2	174,100*										100
105	64.3	354.8	169,700*										105
110	62.5	352.2	165,000*										110
115	60.6	349.3	159,600*	66.4	355.2	149,300*							115
120	58.8	346.3	152,100*	64.6	352.9	142,300*							120
125	56.9	343.1	145,200*	62.8	350.3	135,800*							125
130	54.9	339.5	138,900*	61.0	347.5	129,900*							130
135	53.0	335.8	130,900*	59.1	344.5	124,300*							135
140	50.9	331.7	122,600*	57.2	341.3	119,100*							140
145	48.8	327.4	114,900*	55.3	337.9	114,300*	61.2	344.2	106,300*				145
150	46.6	322.7	107,800*	53.3	334.1	109,800*	59.4	341.2	102,000*				150
155	44.3	317.6	101,000*	51.3	330.2	105,500*	57.5	338.0	98,100*				155
160	42.0	312.1	94,700*	49.2	325.9	101,600*	55.6	334.6	94,300*				160
165	39.5	306.1	92,600*	47.0	321.2	97,800*	53.6	330.9	90,800*				165
170	36.9	299.5	90,600*	44.8	316.2	94,300*	51.6	327.0	87,500*	57.6	333.1	80,800*	170
175	34.1	292.2	84,600*	42.4	310.8	90,900*	49.5	322.7	84,400*	55.7	329.7	77,900*	175
180	31.0	284.1	78,800*	40.0	304.9	87,700*	47.3	318.1	81,400*	53.7	326.0	75,100*	180
185	27.7	274.9	73,100*	37.4	298.4	84,700*	45.1	313.2	78,600*	51.7	322.1	72,500*	185
190	23.9	264.1	67,300*	34.6	291.3	81,900*	42.7	307.8	75,900*	49.6	317.9	70,000*	190
195	19.4	250.8	66,200*	31.6	283.4	79,100*	40.3	302.0	73,300*	47.4	313.3	67,600*	195
200	13.4	232.8	59,000*	28.3	274.3	76,500*	37.7	295.6	70,900*	45.2	308.4	65,300*	200
205				24.6	263.9	71,600*	35.0	288.6	68,600*	42.9	303.0	63,200*	205
210				20.3	251.2	65,700*	32.0	280.7	66,400*	40.4	297.2	61,100*	210
215				14.7	234.4	63,900*	28.8	271.9	64,200*	37.9	290.9	59,000	215
220				3.6	199.8	52,800*	25.2	261.7	62,100*	35.1	283.9	57,000	220
225							20.9	249.4	60,100*	32.2	276.1	55,100	225
230							15.6	233.3	58,000	29.0	267.3	53,200	230
235							6.5	205.4	55,900	25.4	257.2	51,400	235
240										21.2	245.0	49,600	240
245										15.9	229.3	47,900	245
250										7.4	203.0	46,100	250

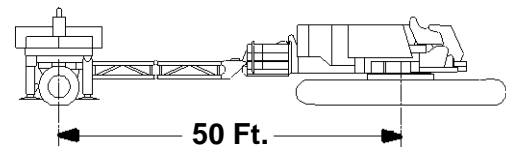


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	72.2	373.9	171,500*										85
90	70.6	372.2	168,900*										90
95	69.0	370.2	165,900*										95
100	67.4	368.1	162,600*										100
105	65.7	365.9	159,100*										105
110	64.0	363.4	155,300*										110
115	62.3	360.8	151,300*	67.7	366.2	148,600*							115
120	60.6	358.0	147,100*	66.0	364.0	141,600*							120
125	58.9	355.0	142,800*	64.4	361.5	135,100*							125
130	57.1	351.7	138,200*	62.7	359.0	129,100*							130
135	55.2	348.3	131,300*	60.9	356.2	123,600*							135
140	53.3	344.6	123,200*	59.2	353.2	118,400*							140
145	51.4	340.6	115,600*	57.4	350.0	113,600*	62.9	355.6	105,500*				145
150	49.4	336.3	108,500*	55.6	346.6	109,100*	61.2	352.8	101,300*				150
155	47.4	331.7	102,000*	53.7	342.9	104,900*	59.4	349.9	97,300*				155
160	45.3	326.8	95,800*	51.8	339.0	100,900*	57.6	346.7	93,600*				160
165	43.1	321.5	89,900*	49.8	334.8	97,200*	55.8	343.3	90,100*				165
170	40.8	315.8	88,200*	47.8	330.3	93,600*	54.0	339.7	86,800*				170
175	38.4	309.5	86,500*	45.7	325.4	90,300*	52.0	335.8	83,700*	57.7	341.8	77,100*	175
180	35.8	302.7	81,100*	43.5	320.2	87,100*	50.1	331.6	80,700*	55.9	338.4	74,300*	180
185	33.1	295.2	75,800*	41.2	314.5	84,200*	48.1	327.1	77,900*	54.1	334.8	71,700*	185
190	30.1	286.8	70,600*	38.8	308.4	81,300*	46.0	322.3	75,200*	52.2	330.9	69,200*	190
195	26.9	277.2	65,500*	36.3	301.7	78,600*	43.8	317.2	72,700*	50.2	326.8	66,900*	195
200	23.2	266.1	60,300*	33.6	294.3	76,000*	41.5	311.6	70,300*	48.2	322.3	64,600*	200
205	18.8	252.4	59,400*	30.7	286.1	73,500*	39.2	305.5	68,000*	46.1	317.5	62,500*	205
210	13.0	233.8	52,800*	27.5	276.7	69,500*	36.7	298.9	65,800*	43.9	312.4	60,400*	210
215				23.9	266.0	64,300*	34.0	291.6	63,600*	41.7	306.8	58,400	215
220				19.7	252.9	58,900*	31.1	283.5	61,600*	39.3	300.8	56,400	220
225				14.3	235.6	57,400*	28.0	274.3	59,700*	36.8	294.2	54,500	225
230				3.4	200.0	47,200*	24.5	263.8	57,700	34.2	286.9	52,600	230
235							20.3	251.1	55,700	31.3	278.9	50,900	235
240							15.1	234.6	53,800	28.2	269.8	49,100	240
245							6.3	205.8	51,800	24.7	259.3	47,500	245
250										20.6	246.8	45,900	250
255										15.5	230.6	44,300	255
260										7.2	203.5	42,600	260



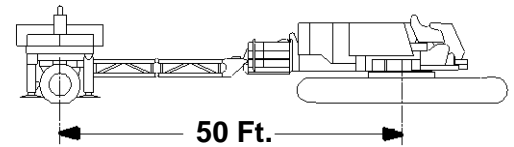


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	85 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	71.6	382.8	158,700*										90
95	70.1	381.0	156,300*										95
100	68.6	379.0	153,600*										100
105	67.0	376.9	150,600*										105
110	65.4	374.6	147,500*										110
115	63.8	372.1	144,100*										115
120	62.2	369.5	140,500*	67.3	374.9	140,600*							120
125	60.6	366.7	136,800*	65.7	372.7	134,100*							125
130	58.9	363.6	132,900*	64.1	370.2	128,200*							130
135	57.2	360.4	129,100*	62.5	367.6	122,600*							135
140	55.5	357.0	123,800*	60.9	364.8	117,500*							140
145	53.7	353.3	116,300*	59.2	361.9	112,700*							145
150	51.9	349.4	109,400*	57.5	358.7	108,200*	62.8	364.2	100,300*				150
155	50.0	345.2	102,900*	55.8	355.3	104,000*	61.1	361.5	96,300*				155
160	48.1	340.8	96,800*	54.0	351.7	100,000*	59.5	358.5	92,600*				160
165	46.1	336.0	91,100*	52.2	347.8	96,300*	57.8	355.4	89,100*				165
170	44.1	330.8	85,700*	50.4	343.7	92,800*	56.0	352.0	85,800*				170
175	41.9	325.3	84,300*	48.5	339.3	89,500*	54.3	348.4	82,700*				175
180	39.7	319.3	82,900*	46.5	334.5	86,300*	52.5	344.6	79,800*	57.9	350.5	73,300*	180
185	37.3	312.9	77,900*	44.4	329.5	83,400*	50.6	340.5	77,000*	56.1	347.1	70,700*	185
190	34.9	305.8	73,100*	42.3	324.0	80,500*	48.7	336.1	74,300*	54.4	343.5	68,200*	190
195	32.2	298.0	68,400*	40.1	318.1	77,800*	46.7	331.4	71,800*	52.6	339.7	65,900*	195
200	29.3	289.3	63,700*	37.8	311.8	74,400*	44.7	326.4	69,400*	50.7	335.6	63,600*	200
205	26.2	279.5	59,100*	35.3	304.8	72,800*	42.6	321.0	67,100*	48.8	331.3	61,500*	205
210	22.6	268.0	54,300*	32.7	297.2	70,500*	40.4	315.2	64,900*	46.9	326.6	59,400*	210
215	18.3	254.0	53,700*	29.9	288.7	67,400*	38.1	308.9	62,800*	44.8	321.6	57,500*	215
220	12.7	234.9	47,600*	26.8	279.1	62,800*	35.7	302.0	60,800*	42.7	316.3	55,500	220
225				23.3	268.0	58,100*	33.1	294.5	58,900*	40.5	310.5	53,600	225
230				19.2	254.5	53,200*	30.3	286.1	57,000	38.2	304.2	51,800	230
235				13.9	236.8	52,000*	27.2	276.7	55,100	35.8	297.4	50,100	235
240				3.3	200.2	42,600*	23.8	265.8	53,300	33.2	289.9	48,400	240
245							19.8	252.8	51,500	30.5	281.5	46,800	245
250							14.7	235.8	49,700	27.4	272.2	45,200	250
255							6.2	206.3	47,900	24.0	261.4	43,700	255
260										20.1	248.5	42,200	260
265										15.1	231.9	40,700	265
270										7.0	204.1	39,100*	270

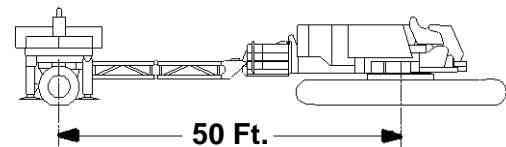


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 180 Ft. Boom, 210 Ft. Jib

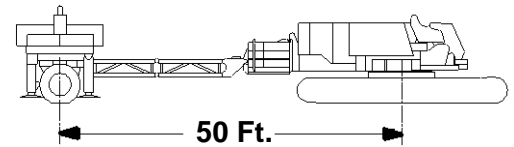
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	72.5	393.3	149,200*										90
95	71.1	391.6	147,200*										95
100	69.6	389.7	145,000*										100
105	68.2	387.7	142,500*										105
110	66.7	385.6	139,800*										110
115	65.2	383.3	137,000*										115
120	63.7	380.8	133,900*										120
125	62.1	378.1	130,800*	67.0	383.6	133,900*							125
130	60.6	375.3	127,500*	65.5	381.3	127,900*							130
135	59.0	372.3	124,000*	64.0	378.9	122,400*							135
140	57.3	369.1	120,600*	62.4	376.3	117,300*							140
145	55.7	365.7	117,100*	60.9	373.5	112,500*							145
150	54.0	362.1	110,500*	59.3	370.5	108,000*							150
155	52.3	358.2	104,100*	57.7	367.4	103,800*	62.6	372.9	96,100*				155
160	50.5	354.1	98,100*	56.0	364.0	99,800*	61.1	370.1	92,400*				160
165	48.7	349.7	92,500*	54.3	360.4	96,100*	59.5	367.2	88,900*				165
170	46.8	345.1	87,200*	52.6	356.6	92,600*	57.9	364.1	85,600*				170
175	44.9	340.1	82,200*	50.9	352.5	89,300*	56.2	360.7	82,500*				175
180	42.9	334.7	77,400*	49.1	348.2	86,100*	54.6	357.2	79,500*				180
185	40.8	329.0	76,300*	47.2	343.6	83,200*	52.8	353.4	76,800*	58.0	359.1	70,500*	185
190	38.7	322.8	75,300*	45.3	338.7	80,400*	51.1	349.4	74,100*	56.3	355.8	68,000*	190
195	36.4	316.1	70,900*	43.3	333.4	77,700*	49.3	345.1	71,600*	54.7	352.3	65,600*	195
200	34.0	308.8	66,500*	41.2	327.8	75,100*	47.4	340.5	69,200*	52.9	348.5	63,400*	200
205	31.4	300.8	62,200*	39.1	321.7	71,800*	45.5	335.6	66,900*	51.2	344.5	61,300*	205
210	28.6	291.8	58,000*	36.8	315.1	67,600*	43.6	330.4	64,800*	49.4	340.2	59,200*	210
215	25.5	281.7	53,800*	34.4	307.9	66,600*	41.5	324.8	62,700*	47.6	335.7	57,300*	215
220	22.0	269.9	51,400*	31.9	300.0	65,700*	39.4	318.8	60,700*	45.7	330.8	55,300	220
225	17.9	255.5	49,100*	29.1	291.2	61,500*	37.1	312.2	58,800*	43.7	325.6	53,500	225
230	12.3	235.9	43,500*	26.1	281.4	57,300*	34.8	305.1	56,900*	41.6	320.0	51,600	230
235				22.7	269.9	53,100*	32.2	297.4	55,100	39.5	314.0	49,900	235
240				18.7	256.1	48,600*	29.5	288.7	53,300	37.3	307.5	48,200	240
245				13.6	237.9	47,600*	26.5	279.0	51,500	34.9	300.5	46,600	245
250				3.2	200.4	39,000*	23.2	267.8	49,800	32.4	292.7	45,100	250
255							19.3	254.4	48,200	29.7	284.2	43,600	255
260							14.4	237.0	46,600	26.7	274.5	42,200	260
265							6.0	206.7	44,000*	23.4	263.4	40,800	265
270										19.5	250.2	39,300*	270
275										14.7	233.1	37,800*	275
280										6.8	204.6	36,300*	280

# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 180 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			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	72.0	402.2	138,100*										95
100	70.6	400.4	136,400*										100
105	69.2	398.5	134,300*										105
110	67.8	396.5	132,100*										110
115	66.4	394.3	129,700*										115
120	65.0	392.0	127,200*										120
125	63.5	389.5	124,500*										125
130	62.0	386.8	121,700*	66.7	392.4	127,000*							130
135	60.5	384.0	118,800*	65.2	390.0	121,400*							135
140	59.0	381.0	115,800*	63.8	387.6	116,300*							140
145	57.5	377.8	112,700*	62.3	384.9	111,500*							145
150	55.9	374.4	109,600*	60.8	382.2	107,000*							150
155	54.3	370.8	104,700*	59.3	379.2	102,900*							155
160	52.7	367.0	98,800*	57.8	376.0	98,900*	62.5	381.6	91,300*				160
165	51.0	363.0	93,200*	56.2	372.7	95,200*	61.0	378.8	87,900*				165
170	49.3	358.7	87,900*	54.6	369.1	91,700*	59.5	375.9	84,600*				170
175	47.5	354.1	82,900*	53.0	365.4	88,400*	58.0	372.7	81,500*				175
180	45.7	349.3	78,200*	51.3	361.4	85,300*	56.4	369.4	78,600*				180
185	43.8	344.1	73,700*	49.6	357.1	82,300*	54.8	365.9	75,800*				185
190	41.9	338.5	72,800*	47.8	352.6	79,500*	53.2	362.2	73,200*				190
195	39.8	332.6	72,000*	46.0	347.8	76,800*	51.5	358.2	70,700*	56.5	364.5	64,600*	195
200	37.7	326.2	67,800*	44.2	342.7	74,300*	49.8	354.0	68,300*	54.9	361.0	62,400*	200
205	35.5	319.3	63,800*	42.2	337.2	71,900*	48.1	349.5	66,000*	53.3	357.3	60,300*	205
210	33.2	311.8	59,800*	40.2	331.4	68,500*	46.3	344.7	63,900*	51.6	353.3	58,200*	210
215	30.6	303.5	55,900*	38.1	325.1	64,600*	44.4	339.7	61,800*	49.9	349.1	56,300*	215
220	27.9	294.3	52,100*	35.9	318.3	63,800*	42.5	334.3	59,800*	48.2	344.7	54,400	220
225	24.9	283.9	48,200*	33.6	310.9	63,100*	40.5	328.5	57,900*	46.4	339.9	52,500	225
230	21.5	271.8	46,000*	31.1	302.7	59,200*	38.4	322.2	56,100*	44.5	334.9	50,700	230
235	17.4	257.0	43,900*	28.4	293.7	55,400*	36.2	315.5	54,300	42.6	329.5	49,000	235
240	12.0	236.9	38,700*	25.5	283.6	51,500*	33.9	308.2	52,500	40.6	323.7	47,400	240
245				22.2	271.8	47,600*	31.5	300.1	50,800	38.5	317.5	45,800*	245
250				18.3	257.7	43,500*	28.8	291.3	49,100	36.4	310.8	44,200*	250
255				13.2	239.0	42,700*	25.9	281.3	47,500	34.1	303.5	42,600*	255
260				3.1	200.6	34,500*	22.6	269.8	46,000	31.6	295.5	41,100*	260
265							18.8	256.0	44,500	29.0	286.7	39,700*	265
270							14.0	238.2	42,100*	26.1	276.8	38,200*	270
275							5.8	207.2	39,400*	22.8	265.4	36,900*	275
280										19.1	251.8	35,500*	280
290										6.6	205.1	32,700*	290

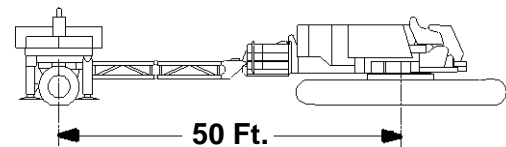


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 180 Ft. Boom, 230 Ft. Jib

Jib Oper. Rad. Feet	85 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	72.8	412.7	129,800*										95
100	71.5	411.1	128,300*										100
105	70.2	409.2	126,600*										105
110	68.8	407.3	124,800*										110
115	67.5	405.2	122,800*										115
120	66.1	403.0	120,600*										120
125	64.7	400.6	118,300*										125
130	63.3	398.1	116,000*	67.7	403.3	126,200*							130
135	61.9	395.5	113,400*	66.4	401.1	120,700*							135
140	60.5	392.6	110,900*	65.0	398.7	115,600*							140
145	59.1	389.6	108,200*	63.6	396.3	110,800*							145
150	57.6	386.5	105,500*	62.2	393.6	106,300*							150
155	56.1	383.1	102,700*	60.8	390.8	102,200*							155
160	54.6	379.5	99,200*	59.3	387.8	98,200*							160
165	53.0	375.8	93,600*	57.9	384.7	94,500*	62.4	390.2	87,100*				165
170	51.4	371.8	88,400*	56.4	381.4	91,000*	61.0	387.5	83,800*				170
175	49.8	367.6	83,500*	54.8	377.9	87,700*	59.5	384.5	80,800*				175
180	48.1	363.1	78,900*	53.3	374.1	84,600*	58.1	381.4	77,800*				180
185	46.4	358.4	74,500*	51.7	370.2	81,700*	56.6	378.1	75,100*				185
190	44.6	353.3	70,300*	50.1	366.0	78,900*	55.0	374.6	72,500*				190
195	42.8	348.0	66,300*	48.4	361.6	76,200*	53.5	370.9	70,000*				195
200	40.9	342.2	65,700*	46.7	356.9	73,700*	51.9	367.0	67,600*	56.7	373.2	61,600*	200
205	38.9	336.1	65,100*	45.0	351.9	71,300*	50.3	362.9	65,300*	55.1	369.7	59,500*	205
210	36.9	329.5	61,300*	43.1	346.6	69,000*	48.6	358.5	63,200*	53.6	366.0	57,500*	210
215	34.7	322.4	57,600*	41.3	341.0	65,500*	46.9	353.8	61,100*	52.0	362.1	55,600*	215
220	32.4	314.6	54,100*	39.3	334.9	61,800*	45.2	348.9	59,100*	50.4	358.0	53,700*	220
225	29.9	306.1	50,500*	37.3	328.4	58,200*	43.4	343.6	57,300*	48.7	353.6	51,800*	225
230	27.3	296.7	47,000*	35.1	321.4	57,700*	41.5	338.0	55,400*	47.0	349.0	50,000*	230
235	24.3	286.0	43,400*	32.8	313.8	57,200*	39.6	332.0	53,700*	45.3	344.1	48,200*	235
240	21.0	273.6	41,500*	30.4	305.4	53,600*	37.5	325.6	51,900*	43.5	338.8	46,500*	240
245	17.0	258.4	39,600*	27.8	296.2	50,100*	35.4	318.6	50,200*	41.6	333.3	44,800*	245
250	11.8	237.9	34,800*	24.9	285.7	46,600*	33.1	311.1	48,600*	39.7	327.3	43,200*	250
255				21.7	273.7	43,000*	30.7	302.8	47,000*	37.7	320.9	41,700*	255
260				17.8	259.2	39,200*	28.2	293.7	45,500*	35.5	314.0	40,200*	260
265				12.9	240.1	38,500*	25.3	283.5	44,000*	33.3	306.5	38,800*	265
270				3.0	200.8	31,000*	22.1	271.7	42,600*	30.9	298.2	37,400*	270
275							18.4	257.6	41,200*	28.3	289.2	36,100*	275
280							13.7	239.3	37,900*	25.5	279.0	34,700*	280
290										18.6	253.4	32,200*	290
300										6.4	205.6	29,500*	300

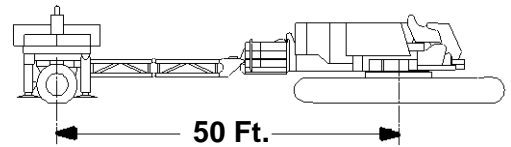


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 180 Ft. Boom, 240 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			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	72.3	421.6	120,500*										100
105	71.0	419.9	119,100*										105
110	69.8	418.0	117,600*										110
115	68.5	416.1	115,900*										115
120	67.2	414.0	114,100*										120
125	65.9	411.7	112,100*										125
130	64.5	409.3	110,100*										130
135	63.2	406.8	108,000*	67.4	412.0	118,100*							135
140	61.9	404.1	105,700*	66.1	409.8	114,600*							140
145	60.5	401.3	102,800*	64.8	407.4	109,900*							145
150	59.1	398.3	99,900*	63.5	404.9	105,400*							150
155	57.7	395.1	96,900*	62.1	402.3	101,200*							155
160	56.2	391.8	94,100*	60.7	399.5	97,300*							160
165	54.8	388.3	91,200*	59.4	396.5	93,600*							165
170	53.3	384.6	88,400*	57.9	393.4	90,200*	62.3	398.9	82,900*				170
175	51.8	380.6	83,800*	56.5	390.1	86,900*	60.9	396.1	79,800*				175
180	50.2	376.5	79,200*	55.1	386.6	83,800*	59.5	393.2	76,900*				180
185	48.6	372.1	74,900*	53.6	382.9	80,800*	58.1	390.1	74,100*				185
190	47.0	367.4	70,800*	52.1	379.0	78,000*	56.7	386.8	71,500*				190
195	45.3	362.5	66,900*	50.5	374.9	75,400*	55.3	383.3	69,000*				195
200	43.6	357.3	63,100*	48.9	370.6	72,800*	53.8	379.7	66,700*				200
205	41.8	351.8	59,600*	47.3	366.0	70,400*	52.3	375.8	64,400*	56.8	381.9	58,500*	205
210	40.0	345.9	59,100*	45.7	361.1	68,100*	50.7	371.7	62,300*	55.3	378.4	56,500*	210
215	38.1	339.5	58,700*	43.9	356.0	65,900*	49.2	367.4	60,200*	53.9	374.8	54,400*	215
220	36.0	332.7	55,300*	42.2	350.5	62,400*	47.5	362.9	58,300*	52.4	370.9	52,400*	220
225	33.9	325.4	51,900*	40.3	344.6	58,900*	45.9	358.0	56,400*	50.8	366.9	50,500*	225
230	31.7	317.4	48,600*	38.4	338.4	55,600*	44.2	352.9	54,600*	49.2	362.6	48,700*	230
235	29.3	308.7	45,400*	36.4	331.7	52,200*	42.4	347.5	52,800*	47.6	358.0	46,900*	235
240	26.7	299.0	42,200*	34.3	324.5	54,900*	40.6	341.7	51,100	46.0	353.2	45,200*	240
245	23.8	288.0	38,900*	32.1	316.6	51,600*	38.7	335.5	49,400	44.3	348.1	43,600*	245
250	20.5	275.3	37,100*	29.7	308.0	48,400*	36.7	328.9	47,800	42.5	342.7	42,000*	250
255	16.7	259.9	35,400*	27.2	298.5	45,100*	34.6	321.7	46,300	40.7	336.9	40,500*	255
260	11.5	238.8	31,000*	24.4	287.9	41,900*	32.4	314.0	44,800	38.8	330.8	39,000*	260
265				21.2	275.5	38,600*	30.1	305.5	43,300	36.8	324.2	37,600*	265
270				17.4	260.7	35,000*	27.5	296.1	41,900	34.7	317.1	36,200*	270
275				12.6	241.1	34,500*	24.8	285.6	40,500	32.5	309.3	34,900*	275
280				2.9	200.9	27,400*	21.6	273.6	39,100*	30.2	300.9	33,600*	280
290							13.4	240.5	33,900*	24.9	281.2	31,200*	290
300										18.2	255.0	28,800*	300
310										6.3	206.1	26,300*	310

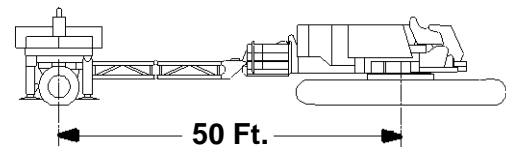


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	70.5	279.4	349,100*b													45
50	66.0	277.2	336,600*	72.3	279.6	358,000*b										50
55	61.3	274.4	324,300*	67.9	277.6	345,700*b										55
60	56.4	271.1	312,500*	63.3	275.0	324,900*										60
65	51.2	267.1	301,300*	58.5	272.0	299,300*										65
70	45.5	262.3	283,500*	53.5	268.3	277,200*										70
75	39.1	256.3	261,800*	48.0	263.8	257,800*	65.8	273.9	242,800*							75
80	31.6	248.6	237,400*	41.9	258.4	240,800*	61.1	271.1	226,900*							80
85	21.6	237.5	210,500*	35.0	251.5	225,600*	56.2	267.8	212,800*							85
90				26.3	242.2	211,800*	51.0	263.7	200,100*							90
95				12.2	225.8	182,300*	45.2	258.9	188,700*							95
100							38.8	252.8	178,300*	58.6	265.3	167,400*				100
105							31.2	245.0	168,700*	53.5	261.6	158,600*				105
110							21.1	233.7	159,800*	48.0	257.2	150,600*				110
115										42.0	251.7	143,200*				115
120										35.0	244.9	136,300*	55.5	257.5	127,600*	120
125										26.4	235.6	129,800*	50.2	253.4	121,700*	125
130										12.4	219.3	123,400*	44.4	248.4	116,200*	130
135													37.9	242.2	111,100*	135
140													30.1	234.0	106,200*	140
145													19.3	221.8	101,500*	145

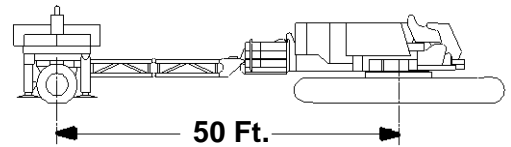


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



### 200 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.0	290.1	335,100*b													45
50	69.2	288.1	324,000*													50
55	65.2	285.8	312,800*	70.8	288.4	332,600*b										55
60	61.2	283.1	301,800*	66.9	286.3	321,600*										60
65	56.9	279.8	291,300*	62.9	283.7	298,600*										65
70	52.4	276.0	281,300*	58.7	280.7	276,600*										70
75	47.6	271.5	263,500*	54.3	277.1	257,400*										75
80	42.3	266.1	246,100*	49.6	272.9	240,400*	65.1	282.5	226,000*							80
85	36.4	259.5	226,900*	44.6	267.9	225,400*	61.0	279.7	211,900*							85
90	29.4	251.1	205,600*	39.0	261.8	211,900*	56.7	276.5	199,300*							90
95	20.1	239.1	187,100*	32.5	254.3	199,700*	52.2	272.6	188,000*							95
100				24.5	244.3	188,600*	47.3	268.1	177,800*	62.9	277.0	166,400*				100
105				11.3	226.6	164,900*	42.0	262.6	168,400*	58.8	274.0	157,700*				105
110							36.1	256.0	159,800*	54.4	270.4	149,800*				110
115							29.0	247.5	151,900*	49.7	266.2	142,500*				115
120							19.6	235.2	144,400*	44.6	261.2	135,700*				120
125										39.0	255.2	129,500*	56.1	266.2	120,700*	125
130										32.6	247.7	123,600*	51.5	262.3	115,300*	130
135										24.5	237.7	118,000*	46.7	257.6	110,300*	135
140										11.5	220.1	112,500*	41.3	252.1	105,600*	140
145													35.2	245.2	101,200*	145
150													28.0	236.4	97,000*	150
155													17.9	223.2	92,800*	155

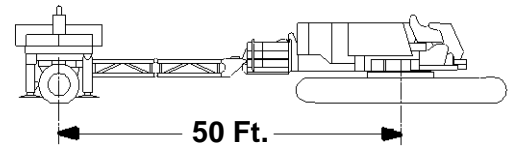


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
 Boom No. 79 with 130 Ft. Mast No. 44  
 169,200 Lb. Crane Counterweight  
 60,000 Lb. Carbody Counterweight  
 240,000 Lb. Wheeled Counterweight  
 at 50 Ft. Position  
 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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	75.0	300.6	321,900*													45
50	71.6	298.9	311,900*													50
55	68.2	296.9	301,800*													55
60	64.7	294.5	291,900*	69.7	297.2	310,200*										60
65	61.0	291.7	282,100*	66.2	294.9	298,200*										65
70	57.2	288.5	272,500*	62.6	292.3	276,200*										70
75	53.3	284.8	262,300*	58.9	289.3	257,000*										75
80	49.1	280.5	246,100*	55.0	285.8	240,200*										80
85	44.6	275.5	229,600*	50.9	281.8	225,200*	64.5	291.2	211,300*							85
90	39.7	269.6	215,100*	46.5	277.1	211,900*	60.9	288.4	198,800*							90
95	34.1	262.5	197,500*	41.8	271.6	199,800*	57.1	285.2	187,600*							95
100	27.5	253.4	174,800*	36.6	265.1	188,900*	53.1	281.4	177,400*							100
105	18.8	240.6	160,800*	30.5	257.0	178,900*	48.9	277.1	168,200*	62.6	285.7	157,000*				105
110				22.9	246.2	169,700*	44.4	272.1	159,700*	58.9	282.6	149,200*				110
115				10.5	227.3	145,200*	39.4	266.1	151,900*	55.0	279.2	141,900*				115
120							33.9	258.9	144,700*	50.9	275.1	135,300*				120
125							27.2	249.8	138,000*	46.6	270.4	129,100*				125
130							18.3	236.7	131,500*	41.9	265.0	123,400*	56.6	275.0	114,700*	130
135										36.6	258.4	118,000*	52.6	271.2	109,800*	135
140										30.6	250.3	113,000*	48.3	266.7	105,200*	140
145										23.0	239.6	108,100*	43.7	261.6	100,800*	145
150										10.7	220.9	103,300*	38.7	255.5	96,700*	150
155													33.0	248.1	92,900*	155
160													26.2	238.6	89,100*	160
165													16.7	224.6	85,500*	165



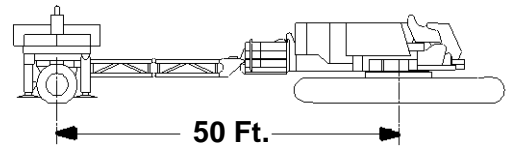


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.5	309.5	299,700*													50
55	70.5	307.7	290,700*													55
60	67.4	305.6	281,600*	71.8	307.9	298,500*										60
65	64.2	303.2	272,500*	68.7	305.9	289,600*										65
70	60.9	300.4	262,400*	65.6	303.6	275,400*										70
75	57.5	297.2	250,400*	62.3	301.0	256,300*										75
80	54.0	293.6	238,500*	59.0	298.0	239,500*										80
85	50.3	289.5	227,100*	55.5	294.6	224,600*	67.3	302.3	210,300*							85
90	46.3	284.7	213,500*	51.9	290.7	211,300*	64.1	299.9	197,800*							90
95	42.1	279.3	203,000*	48.0	286.2	199,300*	60.8	297.1	186,700*							95
100	37.5	272.9	187,700*	43.9	281.1	188,500*	57.4	293.9	176,500*							100
105	32.2	265.3	168,900*	39.5	275.1	178,600*	53.8	290.2	167,400*							105
110	26.0	255.6	150,600*	34.5	268.1	169,600*	50.1	286.1	159,000*	62.4	294.3	148,100*				110
115	17.7	242.0	139,600*	28.8	259.4	160,700*	46.2	281.3	151,200*	59.0	291.3	140,900*				115
120				21.6	248.0	151,200*	41.9	275.8	144,100*	55.5	287.9	134,300*				120
125				9.8	228.0	126,700*	37.3	269.4	137,500*	51.9	284.0	128,200*				125
130							32.0	261.7	131,400*	48.1	279.5	122,600*				130
135							25.7	252.0	125,600*	44.0	274.4	117,300*	56.9	283.7	108,700*	135
140							17.3	238.1	120,100*	39.5	268.5	112,300*	53.3	280.0	104,100*	140
145										34.6	261.4	107,700*	49.6	275.7	99,900*	145
150										28.9	252.8	103,300*	45.6	270.9	95,900*	150
155										21.7	241.4	99,100*	41.3	265.3	92,100*	155
160										10.0	221.6	94,800*	36.6	258.7	88,500*	160
165													31.2	250.8	85,100*	165
170													24.8	240.7	81,800*	170
175													15.8	225.8	78,500*	175

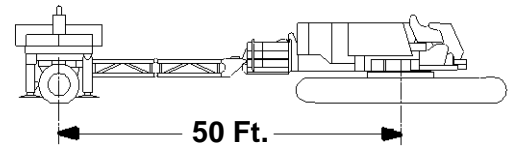


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	72.3	318.3	277,900*													55
60	69.6	316.5	269,200*													60
65	66.7	314.3	259,600*	70.7	316.7	279,400*										65
70	63.8	311.8	249,400*	67.9	314.6	271,400*										70
75	60.8	309.0	238,900*	65.1	312.3	255,700*										75
80	57.8	305.9	228,400*	62.1	309.7	239,000*										80
85	54.6	302.3	217,900*	59.1	306.7	224,100*										85
90	51.2	298.3	207,800*	55.9	303.3	210,800*	66.6	311.0	197,100*							90
95	47.7	293.8	198,200*	52.7	299.5	198,900*	63.7	308.5	186,000*							95
100	44.0	288.7	189,000*	49.2	295.2	188,100*	60.7	305.7	175,900*							100
105	40.0	282.9	178,100*	45.6	290.4	178,400*	57.6	302.5	166,700*							105
110	35.6	276.1	162,000*	41.7	284.8	169,400*	54.4	299.0	158,400*							110
115	30.6	267.9	146,700*	37.5	278.5	161,200*	51.1	295.0	150,700*	62.1	303.0	140,200*				115
120	24.7	257.7	140,000*	32.8	271.0	153,600*	47.6	290.4	143,700*	59.1	300.0	133,600*				120
125	16.8	243.4	122,700*	27.4	261.8	140,000*	43.8	285.3	137,200*	56.0	296.6	127,600*				125
130				20.5	249.7	132,600*	39.8	279.4	131,100*	52.7	292.8	121,900*				130
135				9.3	228.7	111,800*	35.4	272.5	125,500*	49.3	288.5	116,700*				135
140							30.4	264.3	120,200*	45.6	283.7	111,800*	57.2	292.4	103,400*	140
145							24.4	254.0	115,100*	41.8	278.2	107,300*	54.0	288.7	99,200*	145
150							16.4	239.4	110,300*	37.6	271.8	103,000*	50.6	284.7	95,200*	150
155										32.9	264.3	98,900*	47.1	280.0	91,500*	155
160										27.4	255.2	95,000*	43.3	274.8	88,000*	160
165										20.6	243.1	91,300*	39.2	268.8	84,600*	165
170										9.5	222.3	87,500*	34.8	261.8	81,500*	170
175													29.7	253.4	78,400*	175
180													23.5	242.7	75,500*	180
185													14.9	227.0	72,600*	185

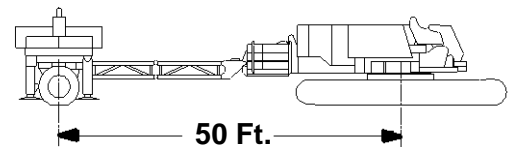


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	73.9	328.9	260,100*													55
60	71.3	327.2	253,000*													60
65	68.8	325.2	245,100*	72.4	327.3	266,900*										65
70	66.2	323.0	236,500*	69.9	325.5	260,400*										70
75	63.5	320.5	227,400*	67.3	323.4	252,900*										75
80	60.8	317.7	218,200*	64.6	321.0	238,100*										80
85	58.0	314.6	208,900*	61.9	318.3	223,300*										85
90	55.0	311.1	199,600*	59.2	315.3	210,100*										90
95	52.0	307.2	190,800*	56.3	312.0	198,200*	66.1	319.7	185,000*							95
100	48.9	302.9	182,200*	53.3	308.3	187,500*	63.4	317.2	175,000*							100
105	45.5	298.0	170,700*	50.2	304.1	177,700*	60.6	314.4	165,800*							105
110	42.0	292.5	166,400*	47.0	299.5	168,800*	57.8	311.2	157,500*							110
115	38.2	286.3	154,800*	43.5	294.3	160,700*	54.9	307.7	149,900*							115
120	34.0	279.0	141,400*	39.8	288.4	153,200*	51.9	303.8	142,900*	62.0	311.6	132,600*				120
125	29.2	270.4	128,600*	35.8	281.6	146,200*	48.7	299.5	136,400*	59.2	308.6	126,600*				125
130	23.6	259.7	123,500*	31.3	273.7	135,900*	45.4	294.6	130,400*	56.3	305.3	121,000*				130
135	16.0	244.7	108,600*	26.1	264.0	123,200*	41.8	289.1	124,800*	53.3	301.6	115,800*				135
140				19.6	251.3	117,300*	38.0	282.8	119,600*	50.2	297.5	110,900*				140
145				8.8	229.3	99,200*	33.8	275.5	114,700*	47.0	292.8	106,400*	57.4	301.0	98,100*	145
150							29.0	266.8	110,100*	43.5	287.6	102,200*	54.5	297.5	94,200*	150
155							23.3	256.0	105,700*	39.9	281.8	98,200*	51.5	293.5	90,500*	155
160							15.6	240.7	101,500*	35.8	275.0	94,400*	48.3	289.1	87,000*	160
165										31.4	267.1	90,800*	44.9	284.1	83,700*	165
170										26.2	257.4	87,400*	41.3	278.5	80,600*	170
175										19.7	244.7	84,100*	37.5	272.1	77,700*	175
180										9.0	222.9	80,700*	33.2	264.7	74,900*	180
185													28.3	255.8	72,100*	185
190													22.4	244.6	69,500*	190
195													14.2	228.1	66,900*	195

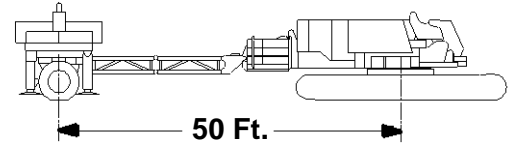


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	72.8	337.8	237,300*													60
65	70.5	336.0	230,900*													65
70	68.1	334.0	223,700*	71.5	336.1	244,200*										70
75	65.7	331.7	216,100*	69.1	334.2	238,300*										75
80	63.2	329.2	208,100*	66.7	332.1	231,600*										80
85	60.7	326.4	200,000*	64.3	329.7	223,300*										85
90	58.1	323.2	191,900*	61.8	327.0	210,100*										90
95	55.4	319.8	183,800*	59.2	324.0	198,300*										95
100	52.7	316.0	175,900*	56.6	320.7	187,600*	65.6	328.4	174,900*							100
105	49.8	311.8	168,400*	53.9	317.1	177,800*	63.1	325.9	165,800*							105
110	46.8	307.1	160,700*	51.0	313.0	169,000*	60.6	323.0	157,500*							110
115	43.6	301.9	154,300*	48.1	308.6	160,800*	58.0	319.9	149,900*							115
120	40.2	296.1	147,500*	45.0	303.6	153,300*	55.3	316.5	142,900*							120
125	36.6	289.5	135,700*	41.7	298.1	146,400*	52.6	312.6	136,500*	61.8	320.3	126,500*				125
130	32.6	281.9	124,600*	38.2	291.8	140,000*	49.7	308.4	130,500*	59.2	317.3	120,900*				130
135	28.0	272.9	113,700*	34.3	284.7	131,000*	46.7	303.7	124,900*	56.6	314.0	115,700*				135
140	22.6	261.6	109,600*	30.0	276.3	120,100*	43.5	298.5	119,800*	53.9	310.4	110,900*				140
145	15.3	246.0	96,700*	25.0	266.2	109,200*	40.1	292.7	114,900*	51.1	306.4	106,400*				145
150				18.8	252.9	104,400*	36.4	286.0	110,400*	48.1	301.9	102,200*	57.6	309.7	94,100*	150
155				8.4	229.9	88,500*	32.4	278.3	106,100*	45.0	297.0	98,300*	55.0	306.2	90,400*	155
160							27.8	269.2	102,000*	41.7	291.4	94,500*	52.2	302.4	87,000*	160
165							22.3	257.9	98,100*	38.2	285.2	91,000*	49.3	298.1	83,700*	165
170							14.9	241.9	94,400*	34.3	278.0	87,700*	46.2	293.3	80,700*	170
175										30.1	269.7	84,500*	43.0	288.0	77,700*	175
180										25.1	259.5	81,400*	39.6	282.1	75,000*	180
185										18.8	246.3	78,400*	35.9	275.3	72,300*	185
190										8.6	223.6	75,400*	31.8	267.5	69,800*	190
195													27.1	258.1	67,400*	195
200													21.5	246.4	65,000*	200
205													13.6	229.2	62,600*	205

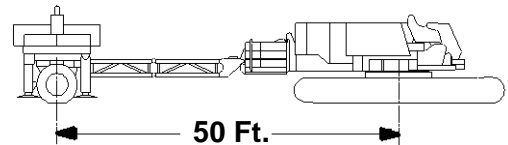


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.1	348.2	222,500*													60
65	72.0	346.6	217,200*													65
70	69.8	344.8	211,300*	72.9	346.7	228,900*										70
75	67.6	342.7	204,800*	70.7	345.0	224,200*										75
80	65.3	340.4	197,900*	68.5	343.0	218,800*										80
85	63.0	337.8	190,900*	66.3	340.8	212,700*										85
90	60.7	335.0	183,700*	64.0	338.3	206,100*										90
95	58.3	331.9	176,500*	61.7	335.6	197,500*										95
100	55.8	328.5	169,400*	59.3	332.7	186,800*	67.5	339.4	173,900*							100
105	53.2	324.8	162,300*	56.8	329.4	177,100*	65.2	337.1	164,800*							105
110	50.6	320.7	155,600*	54.3	325.8	168,300*	62.9	334.5	156,600*							110
115	47.8	316.2	149,200*	51.7	321.9	160,100*	60.6	331.7	149,000*							115
120	44.9	311.2	140,500*	49.0	317.6	152,700*	58.1	328.6	142,000*							120
125	41.9	305.7	137,200*	46.2	312.8	145,800*	55.7	325.2	135,600*							125
130	38.7	299.6	130,300*	43.2	307.5	136,000*	53.1	321.4	129,700*	61.7	328.9	119,900*				130
135	35.2	292.6	120,400*	40.1	301.7	133,500*	50.5	317.3	124,100*	59.3	326.0	114,700*				135
140	31.3	284.6	110,900*	36.7	295.1	126,200*	47.7	312.8	119,000*	56.9	322.7	110,000*				140
145	26.9	275.2	101,500*	33.0	287.6	116,600*	44.8	307.8	114,200*	54.3	319.1	105,500*				145
150	21.7	263.5	98,400*	28.9	278.8	107,100*	41.8	302.3	109,700*	51.7	315.2	101,300*				150
155	14.7	247.1	87,000*	24.1	268.2	97,700*	38.5	296.1	105,400*	49.0	310.9	97,400*	57.8	318.4	89,400*	155
160				18.0	254.4	93,900*	35.0	289.1	101,400*	46.2	306.1	93,700*	55.3	315.0	85,900*	160
165				8.1	230.5	79,800*	31.1	281.1	97,600*	43.2	300.9	90,200*	52.8	311.2	82,700*	165
170							26.7	271.6	94,100*	40.1	295.0	86,900*	50.1	307.0	79,700*	170
175							21.5	259.7	90,600*	36.7	288.4	83,800*	47.3	302.4	76,800*	175
180							14.3	243.1	87,200*	33.0	280.9	80,800*	44.4	297.4	74,100*	180
185										28.9	272.2	77,900*	41.3	291.8	71,500*	185
190										24.1	261.6	75,200*	38.1	285.5	69,000*	190
195										18.1	247.8	72,500*	34.5	278.4	66,600*	195
200										8.2	224.2	69,800*	30.6	270.1	64,300*	200
205													26.1	260.4	62,100*	205
210													20.6	248.1	60,000*	210
215													13.1	230.3	57,700	215

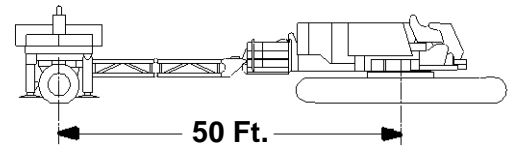


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.2	357.2	204,300*													65
70	71.2	355.4	199,400*													70
75	69.1	353.5	194,000*	72.0	355.6	210,800*										75
80	67.1	351.4	188,100*	70.0	353.8	206,400*										80
85	65.0	349.1	182,000*	67.9	351.7	201,400*										85
90	62.8	346.5	175,800*	65.9	349.5	195,900*										90
95	60.6	343.7	169,400*	63.7	347.0	190,100*										95
100	58.4	340.6	163,000*	61.5	344.3	183,900*										100
105	56.1	337.2	156,700*	59.3	341.3	176,500*	67.0	348.1	164,100*							105
110	53.7	333.6	150,400*	57.1	338.1	167,700*	64.9	345.8	155,800*							110
115	51.3	329.6	144,500*	54.7	334.6	159,600*	62.7	343.2	148,300*							115
120	48.7	325.2	138,700*	52.3	330.7	152,200*	60.5	340.3	141,300*							120
125	46.1	320.4	132,600*	49.8	326.5	145,300*	58.3	337.3	134,900*							125
130	43.3	315.2	127,900*	47.2	321.9	138,200*	56.0	333.9	129,000*							130
135	40.4	309.4	122,900*	44.5	316.9	128,500*	53.6	330.2	123,500*	61.6	337.6	114,000*				135
140	37.3	302.9	115,200*	41.6	311.3	127,600*	51.2	326.2	118,400*	59.3	334.6	109,200*				140
145	33.9	295.6	106,700*	38.6	305.1	120,400*	48.6	321.8	113,600*	57.1	331.4	104,800*				145
150	30.2	287.3	98,400*	35.4	298.2	111,800*	46.0	317.0	109,100*	54.7	327.9	100,600*				150
155	26.0	277.4	90,200*	31.8	290.4	103,500*	43.2	311.7	104,900*	52.3	324.0	96,700*				155
160	20.9	265.3	87,700*	27.8	281.2	95,300*	40.3	305.9	100,900*	49.8	319.8	93,000*	58.0	327.1	85,200*	160
165	14.2	248.3	77,600*	23.2	270.2	93,200*	37.1	299.4	97,200*	47.2	315.2	89,600*	55.7	323.7	82,000*	165
170				17.4	255.8	83,900*	33.7	292.1	93,700*	44.5	310.2	86,300*	53.3	320.0	78,900*	170
175				7.7	231.1	71,300*	30.0	283.7	90,300*	41.7	304.6	83,200*	50.8	315.9	76,100*	175
180							25.8	273.8	87,100*	38.6	298.5	80,200*	48.3	311.5	73,400*	180
185							20.7	261.5	84,000*	35.4	291.6	77,400*	45.6	306.6	70,800*	185
190							13.8	244.2	81,000*	31.8	283.7	74,800*	42.8	301.3	68,300*	190
195										27.9	274.6	72,200*	39.8	295.3	66,000*	195
200										23.2	263.6	69,700*	36.7	288.7	63,700*	200
205										17.4	249.2	67,300*	33.3	281.3	61,600*	205
210										7.9	224.8	64,800*	29.5	272.7	59,500*	210
215													25.1	262.5	57,500	215
220													19.9	249.8	55,400	220
225													12.6	231.3	53,300	225

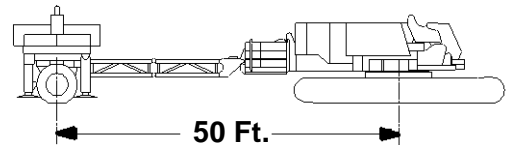


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.3	367.6	191,800*													65
70	72.4	366.0	187,700*													70
75	70.5	364.3	183,200*													75
80	68.6	362.3	178,300*	71.3	364.4	194,100*										80
85	66.6	360.1	173,000*	69.4	362.5	190,100*										85
90	64.6	357.7	167,600*	67.5	360.5	185,600*										90
95	62.6	355.1	162,000*	65.5	358.2	180,700*										95
100	60.6	352.3	156,400*	63.5	355.7	175,400*										100
105	58.5	349.3	150,700*	61.5	352.9	170,000*										105
110	56.3	345.9	145,100*	59.4	350.0	164,300*	66.5	356.8	154,800*							110
115	54.1	342.3	139,600*	57.2	346.8	158,500*	64.6	354.4	147,300*							115
120	51.8	338.4	134,100*	55.1	343.3	151,400*	62.5	351.8	140,400*							120
125	49.5	334.2	128,900*	52.8	339.5	144,600*	60.5	349.0	134,000*							125
130	47.1	329.5	124,000*	50.5	335.4	138,200*	58.4	345.9	128,100*							130
135	44.5	324.5	119,200*	48.1	330.9	131,300*	56.2	342.6	122,600*							135
140	41.8	319.0	114,700*	45.6	326.1	122,500*	54.0	339.0	117,500*	61.5	346.3	108,200*				140
145	39.0	312.9	110,400*	43.0	320.8	114,300*	51.7	335.0	112,700*	59.4	343.3	103,700*				145
150	36.0	306.1	103,200*	40.2	314.9	111,100*	49.4	330.8	108,300*	57.3	340.1	99,600*				150
155	32.7	298.5	95,800*	37.3	308.5	107,900*	46.9	326.1	104,100*	55.1	336.6	95,700*				155
160	29.2	289.8	88,500*	34.2	301.2	100,300*	44.4	321.1	100,200*	52.8	332.8	92,100*				160
165	25.1	279.6	87,200*	30.7	293.0	93,000*	41.7	315.5	96,500*	50.5	328.7	88,600*				165
170	20.2	267.0	79,300*	26.9	283.5	85,800*	38.9	309.4	92,900*	48.1	324.3	85,400*	55.9	332.4	77,900*	170
175	13.7	249.4	70,200*	22.4	272.1	84,300*	35.9	302.6	89,600*	45.6	319.4	82,300*	53.7	328.7	75,000*	175
180				16.8	257.2	75,900*	32.6	295.0	86,500*	43.0	314.1	79,400*	51.4	324.7	72,300*	180
185				7.4	231.6	64,600*	29.0	286.2	83,500*	40.3	308.3	76,600*	49.1	320.4	69,800*	185
190							24.9	275.9	80,600*	37.3	301.8	74,000*	46.6	315.7	67,400*	190
195							20.0	263.2	77,800*	34.2	294.6	71,500*	44.0	310.6	65,000*	195
200							13.3	245.3	75,000*	30.8	286.4	69,100*	41.4	305.0	62,800*	200
205										26.9	276.9	66,700*	38.5	298.8	60,700*	205
210										22.5	265.5	64,500*	35.4	291.9	58,700*	210
215										16.8	250.6	62,300*	32.1	284.1	56,800*	215
220										7.6	225.3	60,000*	28.5	275.2	54,800	220
225													24.3	264.6	52,900	225
230													19.2	251.4	51,000	230
235													12.1	232.3	49,100	235

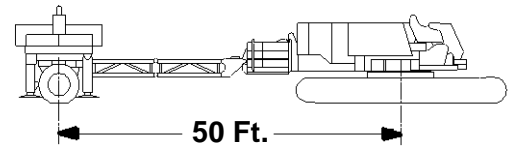


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.5	376.5	175,600*													70
75	71.7	374.9	171,900*													75
80	69.9	373.0	167,900*	72.5	375.0	181,300*										80
85	68.1	371.0	163,500*	70.7	373.2	178,100*										85
90	66.2	368.8	158,900*	68.9	371.3	174,500*										90
95	64.4	366.4	154,200*	67.0	369.2	170,600*										95
100	62.5	363.8	149,300*	65.2	366.9	166,300*										100
105	60.5	361.0	144,400*	63.3	364.3	161,700*										105
110	58.6	357.9	139,400*	61.4	361.6	157,000*										110
115	56.5	354.6	134,500*	59.4	358.7	152,100*	66.2	365.5	147,100*							115
120	54.5	351.1	129,700*	57.4	355.5	147,100*	64.3	363.1	140,200*							120
125	52.4	347.2	124,900*	55.4	352.0	142,000*	62.4	360.5	133,800*							125
130	50.2	343.1	120,200*	53.3	348.3	137,100*	60.5	357.7	127,900*							130
135	47.9	338.6	115,800*	51.1	344.3	132,200*	58.5	354.6	122,400*							135
140	45.5	333.7	111,500*	48.9	339.9	124,500*	56.5	351.3	117,400*							140
145	43.1	328.4	107,400*	46.6	335.2	116,400*	54.4	347.7	112,600*	61.4	354.9	103,500*				145
150	40.5	322.6	103,600*	44.1	330.1	108,900*	52.3	343.9	108,200*	59.4	352.0	99,400*				150
155	37.8	316.2	99,300*	41.6	324.5	106,200*	50.1	339.7	104,000*	57.4	348.8	95,500*				155
160	34.9	309.2	92,600*	39.0	318.4	103,600*	47.8	335.2	100,100*	55.4	345.3	91,900*				160
165	31.7	301.3	86,100*	36.1	311.7	96,800*	45.4	330.3	96,400*	53.3	341.6	88,500*				165
170	28.2	292.3	79,700*	33.1	304.2	90,200*	43.0	325.0	92,900*	51.1	337.6	85,200*				170
175	24.3	281.7	78,700*	29.8	295.6	83,700*	40.4	319.2	89,600*	48.9	333.2	82,200*	56.2	341.1	74,800*	175
180	19.6	268.6	71,600*	26.0	285.8	77,300*	37.7	312.8	86,500*	46.6	328.5	79,300*	54.1	337.5	72,200*	180
185	13.2	250.5	63,500*	21.7	274.0	76,200*	34.7	305.7	83,500*	44.2	323.4	76,500*	52.0	333.6	69,600*	185
190				16.2	258.6	68,600*	31.6	297.7	80,600*	41.6	317.9	73,900*	49.8	329.4	67,200*	190
195				7.2	232.2	58,400*	28.1	288.7	77,900*	39.0	311.8	71,400*	47.5	324.8	64,900*	195
200							24.1	278.0	75,300*	36.2	305.0	69,000*	45.1	319.9	62,700*	200
205							19.4	264.8	70,900*	33.1	297.5	66,800*	42.6	314.5	60,600*	205
210							12.9	246.3	68,200*	29.8	289.0	64,600*	40.0	308.6	58,600*	210
215										26.1	279.2	62,500*	37.3	302.1	56,700*	215
220										21.7	267.4	60,400*	34.3	294.9	54,800	220
225										16.3	252.0	58,400*	31.1	286.8	52,900	225
230										7.3	225.9	56,300*	27.6	277.6	51,100	230
235													23.5	266.6	49,300	235
240													18.6	253.0	47,600	240
245													11.7	233.2	45,800	245



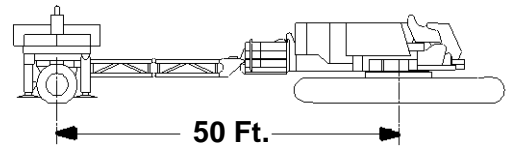


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.4	387.0	165,000*													70
75	72.8	385.4	162,000*													75
80	71.1	383.7	158,600*													80
85	69.4	381.8	154,900*	71.8	383.9	167,600*										85
90	67.6	379.8	151,000*	70.1	382.0	164,700*										90
95	65.9	377.5	146,800*	68.4	380.1	161,400*										95
100	64.1	375.1	142,600*	66.6	377.9	157,800*										100
105	62.3	372.5	138,300*	64.9	375.5	154,000*										105
110	60.5	369.6	133,800*	63.1	373.0	149,900*										110
115	58.6	366.6	129,400*	61.3	370.3	145,600*	67.6	376.5	146,100*							115
120	56.7	363.3	125,000*	59.4	367.3	141,300*	65.8	374.2	139,200*							120
125	54.8	359.8	120,700*	57.6	364.1	136,800*	64.1	371.8	132,800*							125
130	52.8	356.0	116,400*	55.6	360.7	132,300*	62.3	369.2	127,000*							130
135	50.7	351.9	112,300*	53.7	357.1	127,900*	60.4	366.3	121,500*							135
140	48.6	347.6	108,200*	51.6	353.1	123,500*	58.6	363.3	116,400*							140
145	46.4	342.8	104,300*	49.5	348.9	117,900*	56.7	360.0	111,700*							145
150	44.2	337.7	100,600*	47.4	344.3	110,600*	54.7	356.5	107,300*	61.3	363.6	98,400*				150
155	41.8	332.2	97,100*	45.1	339.3	103,700*	52.7	352.7	103,100*	59.5	360.6	94,500*				155
160	39.3	326.1	93,700*	42.8	334.0	97,200*	50.7	348.6	99,200*	57.6	357.5	90,900*				160
165	36.7	319.5	89,200*	40.4	328.2	95,100*	48.5	344.2	95,600*	55.6	354.0	87,500*				165
170	33.8	312.2	83,300*	37.8	321.8	93,100*	46.3	339.4	92,100*	53.7	350.4	84,300*				170
175	30.8	304.0	77,500*	35.1	314.8	87,100*	44.1	334.3	88,800*	51.6	346.4	81,200*				175
180	27.4	294.7	71,800*	32.1	307.0	81,200*	41.7	328.7	85,700*	49.6	342.2	78,400*	56.4	349.8	71,100*	180
185	23.6	283.7	71,200*	28.9	298.2	75,500*	39.2	322.7	82,700*	47.4	337.6	75,600*	54.4	346.2	68,600*	185
190	19.0	270.2	64,800*	25.3	288.0	69,800*	36.5	316.0	79,900*	45.2	332.7	73,000*	52.4	342.4	66,200*	190
195	12.8	251.6	57,400*	21.1	275.7	69,000*	33.7	308.7	77,300*	42.8	327.3	70,600*	50.4	338.3	63,900*	195
200				15.8	259.9	62,200*	30.6	300.4	74,700*	40.4	321.5	68,200*	48.2	333.8	61,700*	200
205				7.0	232.7	52,800*	27.2	291.0	72,200*	37.8	315.1	65,900*	46.0	329.0	59,700*	205
210							23.4	280.0	69,900*	35.1	308.1	63,800*	43.8	323.8	57,700*	210
215							18.8	266.4	64,200*	32.1	300.3	61,700*	41.4	318.2	55,800*	215
220							12.5	247.3	61,900*	28.9	291.5	59,700*	38.8	312.1	54,000	220
225										25.3	281.4	57,800*	36.2	305.3	52,100	225
230										21.1	269.2	55,900*	33.3	297.9	50,300	230
235										15.8	253.3	54,100*	30.2	289.5	48,600	235
240										7.1	226.4	52,100	26.8	279.9	46,900*	240
245													22.8	268.6	45,200*	245
250													18.1	254.5	43,500*	250
255													11.4	234.1	41,800*	255

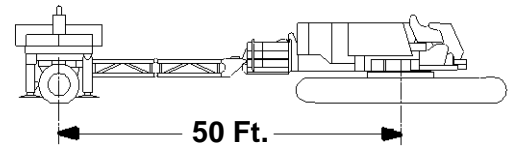


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	73.7	395.9	150,700*													75
80	72.1	394.3	148,000*													80
85	70.5	392.5	145,000*	72.8	394.4	155,600*										85
90	68.9	390.6	141,700*	71.2	392.7	153,400*										90
95	67.3	388.5	138,300*	69.6	390.8	150,800*										95
100	65.6	386.2	134,700*	68.0	388.8	147,900*										100
105	63.9	383.8	131,000*	66.3	386.6	144,800*										105
110	62.2	381.1	127,300*	64.6	384.2	141,400*										110
115	60.5	378.3	123,500*	62.9	381.7	137,900*										115
120	58.7	375.3	119,600*	61.2	378.9	134,300*	67.2	385.2	138,400*							120
125	56.9	372.0	115,800*	59.5	376.0	130,500*	65.5	382.9	132,100*							125
130	55.1	368.5	112,000*	57.7	372.8	126,600*	63.8	380.5	126,200*							130
135	53.2	364.8	108,200*	55.9	369.4	122,800*	62.1	377.8	120,800*							135
140	51.3	360.8	104,600*	54.0	365.8	118,800*	60.4	375.0	115,700*							140
145	49.3	356.5	100,900*	52.1	361.9	115,000*	58.6	371.9	111,000*							145
150	47.2	351.9	97,500*	50.1	357.8	111,200*	56.8	368.7	106,600*	63.0	375.0	97,600*				150
155	45.1	347.0	94,200*	48.1	353.3	104,500*	55.0	365.2	102,400*	61.2	372.2	93,700*				155
160	42.9	341.6	91,000*	46.0	348.5	98,200*	53.1	361.4	98,500*	59.5	369.3	90,100*				160
165	40.6	335.8	88,000*	43.9	343.3	92,300*	51.2	357.4	94,900*	57.7	366.1	86,700*				165
170	38.2	329.6	85,100*	41.6	337.8	90,500*	49.2	353.1	91,400*	55.9	362.7	83,500*				170
175	35.6	322.7	79,800*	39.2	331.7	88,800*	47.1	348.5	88,200*	54.0	359.1	80,500*				175
180	32.9	315.1	74,500*	36.7	325.1	83,300*	45.0	343.5	85,100*	52.1	355.2	77,600*				180
185	29.9	306.6	69,400*	34.1	317.8	78,000*	42.8	338.2	82,100*	50.2	351.1	74,900*	56.6	358.5	67,800*	185
190	26.6	297.0	64,300*	31.2	309.7	72,800*	40.5	332.4	79,300*	48.1	346.6	72,300*	54.8	355.0	65,400*	190
195	22.9	285.7	63,900*	28.1	300.6	67,700*	38.1	326.1	76,700*	46.0	341.8	69,900*	52.9	351.2	63,100*	195
200	18.5	271.8	58,100*	24.6	290.1	62,500*	35.5	319.2	74,200*	43.9	336.7	67,500*	50.9	347.1	61,000*	200
205	12.5	252.6	51,300*	20.5	277.5	61,900*	32.8	311.6	71,700*	41.6	331.1	65,300*	48.9	342.8	58,900*	205
210				15.3	261.2	55,700*	29.8	303.0	69,400*	39.2	325.0	63,200*	46.9	338.1	57,000*	210
215				6.7	233.2	47,100*	26.5	293.3	67,200*	36.7	318.4	61,100*	44.7	333.1	55,100*	215
220							22.7	282.0	63,100*	34.1	311.2	59,200*	42.5	327.7	53,200*	220
225							18.2	267.9	62,400*	31.2	303.1	57,300*	40.2	321.8	51,300*	225
230							12.1	248.3	55,600*	28.1	294.0	55,400*	37.7	315.5	49,500*	230
235										24.6	283.5	53,700*	35.1	308.5	47,700*	235
240										20.5	270.9	51,900	32.4	300.7	46,100*	240
245										15.4	254.6	50,100	29.4	292.1	44,400*	245
250										6.9	226.9	48,200	26.0	282.2	42,800*	250
255													22.2	270.5	41,300*	255
260													17.6	256.0	39,700*	260
265													11.1	235.0	38,100*	265

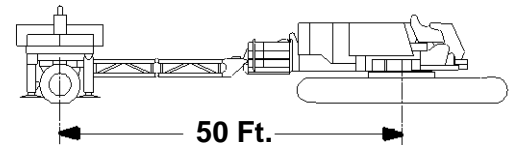


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.5	406.4	141,800*													75
80	73.0	404.8	139,500*													80
85	71.5	403.2	137,000*													85
90	70.0	401.3	134,200*	72.2	403.3	144,400*										90
95	68.5	399.4	131,300*	70.6	401.5	142,300*										95
100	66.9	397.2	128,200*	69.1	399.6	139,900*										100
105	65.3	394.9	125,000*	67.6	397.5	137,300*										105
110	63.7	392.4	121,700*	66.0	395.3	134,400*										110
115	62.1	389.8	118,300*	64.4	392.9	131,400*										115
120	60.5	387.0	114,900*	62.8	390.3	128,300*										120
125	58.8	383.9	111,400*	61.2	387.6	125,000*	66.8	393.9	131,100*							125
130	57.1	380.7	108,000*	59.5	384.6	121,600*	65.3	391.6	125,200*							130
135	55.3	377.2	104,600*	57.8	381.5	118,200*	63.7	389.1	119,800*							135
140	53.6	373.6	101,200*	56.1	378.1	114,700*	62.0	386.5	114,800*							140
145	51.7	369.6	97,900*	54.3	374.5	111,100*	60.4	383.6	110,100*							145
150	49.9	365.4	94,700*	52.5	370.7	107,700*	58.7	380.6	105,700*							150
155	47.9	360.9	91,500*	50.7	366.6	104,300*	57.0	377.4	101,500*	62.8	383.7	92,700*				155
160	46.0	356.1	88,500*	48.8	362.3	99,200*	55.3	373.9	97,700*	61.2	380.9	89,100*				160
165	43.9	351.0	85,600*	46.8	357.6	93,400*	53.5	370.2	94,000*	59.5	378.0	85,700*				165
170	41.8	345.4	82,800*	44.8	352.6	87,900*	51.7	366.3	90,600*	57.8	374.8	82,500*				170
175	39.5	339.4	80,100*	42.7	347.2	86,500*	49.8	362.0	87,300*	56.1	371.5	79,500*				175
180	37.2	332.9	76,700*	40.5	341.4	85,100*	47.9	357.5	84,200*	54.3	367.9	76,700*				180
185	34.7	325.8	71,900*	38.2	335.1	80,000*	45.9	352.7	81,300*	52.5	364.0	74,000*				185
190	32.0	317.9	67,200*	35.7	328.3	75,100*	43.8	347.5	78,500*	50.7	360.0	71,400*	56.8	367.2	64,300*	190
195	29.1	309.2	62,600*	33.2	320.7	70,300*	41.7	342.0	75,900*	48.8	355.6	69,000*	55.0	363.7	62,100*	195
200	25.9	299.2	57,900*	30.4	312.4	65,700*	39.4	335.9	73,400*	46.8	350.9	66,600*	53.2	359.9	60,000*	200
205	22.3	287.6	57,800*	27.3	303.0	61,100*	37.1	329.4	71,000*	44.8	345.9	64,400*	51.4	356.0	57,900*	205
210	18.0	273.3	52,400*	23.9	292.2	56,400*	34.6	322.3	68,700*	42.7	340.5	62,300*	49.5	351.7	55,800*	210
215	12.1	253.6	46,200*	19.9	279.2	56,000*	31.9	314.4	66,500*	40.5	334.7	60,300*	47.6	347.2	53,800*	215
220				14.9	262.4	50,300*	29.0	305.6	64,400*	38.2	328.5	58,300*	45.6	342.3	51,900*	220
225				6.5	233.7	42,400*	25.8	295.6	61,700*	35.8	321.6	56,500*	43.5	337.1	50,000*	225
230							22.1	283.9	57,000*	33.2	314.1	54,700*	41.4	331.4	48,200*	230
235							17.8	269.4	56,500*	30.4	305.8	52,900*	39.1	325.4	46,500*	235
240							11.8	249.3	50,300*	27.3	296.4	51,300*	36.7	318.7	44,800*	240
245										23.9	285.6	49,600	34.2	311.5	43,200*	245
250										20.0	272.6	47,900	31.5	303.5	41,700*	250
255										14.9	255.9	46,200	28.6	294.6	40,200*	255
260										6.7	227.4	44,500	25.3	284.4	38,700*	260
265													21.6	272.4	37,300*	265
270													17.1	257.4	35,800*	270
275													10.7	235.9	34,400*	275

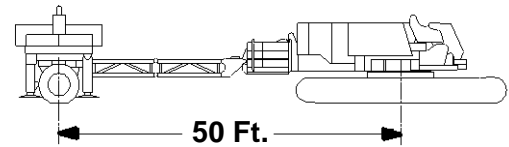


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 200 Ft. Boom, 210 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	73.9	415.3	131,600*													80
85	72.4	413.7	129,500*													85
90	71.0	412.0	127,100*													90
95	69.5	410.1	124,600*	71.6	412.1	134,200*										95
100	68.1	408.1	121,900*	70.2	410.3	132,200*										100
105	66.6	405.9	119,100*	68.7	408.4	130,000*										105
110	65.1	403.6	116,200*	67.2	406.3	127,700*										110
115	63.6	401.1	113,200*	65.7	404.0	125,100*										115
120	62.0	398.5	110,200*	64.2	401.6	122,400*										120
125	60.4	395.6	107,100*	62.7	399.0	119,600*										125
130	58.8	392.6	104,000*	61.1	396.2	116,600*	66.5	402.7	125,000*							130
135	57.2	389.4	100,900*	59.5	393.3	113,600*	65.0	400.3	119,600*							135
140	55.6	386.0	97,900*	57.9	390.2	110,500*	63.5	397.8	114,500*							140
145	53.9	382.3	94,800*	56.3	386.8	107,400*	61.9	395.1	109,800*							145
150	52.2	378.4	91,800*	54.6	383.3	104,300*	60.4	392.3	105,400*							150
155	50.4	374.3	88,900*	52.9	379.5	101,100*	58.8	389.3	101,300*							155
160	48.6	369.9	86,000*	51.1	375.5	98,000*	57.2	386.0	97,400*	62.7	392.3	88,800*				160
165	46.7	365.2	83,200*	49.3	371.2	94,700*	55.5	382.6	93,800*	61.1	389.6	85,500*				165
170	44.8	360.2	80,600*	47.5	366.7	89,300*	53.8	379.0	90,400*	59.5	386.6	82,300*				170
175	42.8	354.9	78,000*	45.6	361.8	84,200*	52.1	375.1	87,100*	57.9	383.5	79,300*				175
180	40.7	349.1	75,600*	43.6	356.6	79,400*	50.3	370.9	84,000*	56.3	380.2	76,400*				180
185	38.5	342.9	73,200*	41.6	351.0	78,300*	48.5	366.5	81,100*	54.6	376.6	73,700*				185
190	36.2	336.1	69,800*	39.4	345.0	77,300*	46.6	361.8	78,400*	52.9	372.8	71,200*				190
195	33.8	328.8	65,400*	37.2	338.4	72,700*	44.7	356.8	75,700*	51.2	368.8	68,700*	56.9	375.9	61,900*	195
200	31.2	320.7	61,200*	34.8	331.4	68,300*	42.7	351.4	73,200*	49.4	364.5	66,400*	55.3	372.4	59,700*	200
205	28.4	311.7	57,000*	32.3	323.6	64,100*	40.6	345.6	70,800*	47.5	360.0	64,200*	53.6	368.7	57,600*	205
210	25.3	301.4	54,900*	29.6	315.0	59,900*	38.4	339.4	68,600*	45.6	355.1	62,100*	51.8	364.8	55,500*	210
215	21.7	289.5	52,800*	26.6	305.3	55,700*	36.1	332.6	66,400*	43.6	349.9	60,100*	50.1	360.6	53,500*	215
220	17.5	274.8	47,900*	23.3	294.2	53,400*	33.7	325.2	64,300*	41.6	344.3	58,200*	48.2	356.2	51,600*	220
225	11.8	254.5	42,200*	19.4	280.9	51,200*	31.1	317.1	62,300*	39.5	338.3	56,300*	46.4	351.4	49,700*	225
230				14.5	263.6	46,000*	28.3	308.1	60,300*	37.2	331.8	54,500*	44.4	346.4	47,900*	230
235				6.4	234.2	38,700*	25.1	297.8	56,400*	34.9	324.7	52,800*	42.4	340.9	46,200*	235
240							21.6	285.7	52,100*	32.3	317.0	51,200*	40.3	335.1	44,600*	240
245							17.3	270.9	51,800*	29.6	308.4	49,500	38.1	328.8	43,000*	245
250							11.5	250.2	46,100*	26.7	298.7	47,900	35.8	321.9	41,500*	250
255										23.3	287.6	46,300	33.3	314.5	40,000*	255
260										19.5	274.3	44,800	30.7	306.2	38,500*	260
265										14.6	257.1	43,200	27.9	297.0	37,100*	265
270										6.5	227.9	41,600	24.7	286.5	35,800*	270
275													21.0	274.2	34,400*	275
280													16.6	258.8	33,100*	280

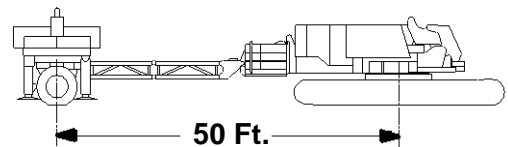


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 200 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
80	74.6	425.8	123,700*													80
85	73.3	424.2	122,000*													85
90	71.9	422.6	120,000*													90
95	70.5	420.8	117,800*	72.5	422.7	126,200*										95
100	69.1	418.9	115,600*	71.1	421.0	124,600*										100
105	67.7	416.9	113,200*	69.7	419.1	122,800*										105
110	66.3	414.7	110,600*	68.3	417.1	120,800*										110
115	64.8	412.3	108,000*	66.9	415.0	118,600*										115
120	63.4	409.8	105,400*	65.5	412.7	116,300*										120
125	61.9	407.1	102,700*	64.0	410.3	113,900*										125
130	60.4	404.3	99,900*	62.5	407.7	111,400*	67.6	413.6	124,000*							130
135	58.9	401.3	97,200*	61.1	404.9	108,800*	66.2	411.4	118,600*							135
140	57.4	398.1	94,400*	59.5	402.0	106,100*	64.8	409.0	113,600*							140
145	55.8	394.7	91,600*	58.0	398.8	103,300*	63.3	406.5	108,900*							145
150	54.2	391.1	88,900*	56.4	395.5	100,600*	61.9	403.8	104,500*							150
155	52.5	387.2	86,200*	54.9	392.0	97,800*	60.4	401.0	100,400*							155
160	50.9	383.2	83,600*	53.2	388.3	94,900*	58.8	397.9	96,500*							160
165	49.1	378.9	81,000*	51.6	384.3	92,200*	57.3	394.7	92,900*	62.6	401.0	84,400*				165
170	47.4	374.3	78,400*	49.9	380.1	89,400*	55.7	391.3	89,400*	61.1	398.2	81,300*				170
175	45.5	369.4	76,000*	48.1	375.7	84,900*	54.1	387.7	86,200*	59.6	395.3	78,300*				175
180	43.7	364.2	73,600*	46.3	370.9	80,100*	52.5	383.9	83,200*	58.0	392.2	75,400*				180
185	41.7	358.6	71,400*	44.5	365.8	75,600*	50.8	379.8	80,300*	56.5	388.8	72,700*				185
190	39.7	352.7	69,200*	42.6	360.4	74,700*	49.1	375.5	77,500*	54.9	385.3	70,200*				190
195	37.6	346.2	66,800*	40.6	354.6	73,900*	47.3	370.9	74,900*	53.2	381.6	67,800*				195
200	35.3	339.3	62,700*	38.5	348.4	69,600*	45.5	366.0	72,400*	51.6	377.7	65,500*	57.1	384.5	58,400*	200
205	33.0	331.7	58,800*	36.3	341.7	65,500*	43.6	360.8	70,000*	49.9	373.5	63,300*	55.5	381.1	56,200*	205
210	30.4	323.4	54,900*	34.0	334.4	61,500*	41.6	355.2	67,700*	48.1	369.0	61,200*	53.9	377.5	54,100*	210
215	27.7	314.1	51,000*	31.5	326.4	57,600*	39.6	349.2	65,600*	46.3	364.2	59,200*	52.2	373.6	52,100*	215
220	24.7	303.6	49,100*	28.9	317.5	53,700*	37.5	342.8	63,500*	44.5	359.2	57,200*	50.6	369.5	50,200*	220
225	21.2	291.3	47,300*	26.0	307.6	49,900*	35.2	335.8	61,500*	42.6	353.8	55,400*	48.8	365.1	48,400*	225
230	17.1	276.3	42,800*	22.7	296.1	47,900*	32.9	328.2	59,600*	40.6	348.0	53,600*	47.0	360.5	46,600*	230
235	11.5	255.5	37,500*	18.9	282.5	45,900*	30.3	319.8	57,700*	38.5	341.8	51,900*	45.2	355.6	44,900*	235
240				14.2	264.8	41,000*	27.6	310.5	54,500*	36.3	335.0	50,300*	43.3	350.3	43,300*	240
245				6.2	234.7	34,200*	24.5	299.9	50,700*	34.0	327.7	48,700	41.4	344.7	41,700*	245
250							21.1	287.5	46,700*	31.6	319.8	47,100	39.3	338.6	40,200*	250
255							16.9	272.3	46,500*	28.9	310.9	45,600	37.2	332.1	38,700*	255
260							11.2	251.2	41,200*	26.0	301.0	44,000*	34.9	325.0	37,300*	260
265										22.8	289.5	42,500*	32.5	317.3	36,000*	265
270										19.0	275.9	41,000*	30.0	308.9	34,600*	270
275										14.2	258.3	39,500*	27.2	299.4	33,300*	275
280										6.3	228.4	37,800*	24.1	288.6	32,100*	280
290													16.2	260.2	29,600*	290

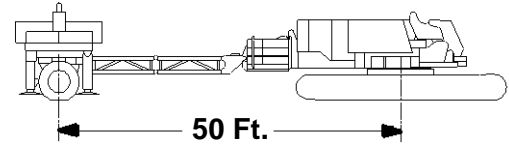


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 200 Ft. Boom, 230 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	74.0	434.7	115,000*													85
90	72.7	433.1	113,300*													90
95	71.4	431.4	111,500*													95
100	70.1	429.6	109,500*	72.0	431.6	117,400*										100
105	68.7	427.7	107,400*	70.6	429.8	115,900*										105
110	67.4	425.6	105,200*	69.3	427.9	114,200*										110
115	66.0	423.4	103,000*	68.0	425.9	112,400*										115
120	64.6	421.0	100,600*	66.6	423.7	110,500*										120
125	63.2	418.5	98,200*	65.2	421.4	108,400*										125
130	61.8	415.8	95,800*	63.8	418.9	106,200*										130
135	60.4	412.9	93,300*	62.4	416.3	104,000*	67.3	422.3	117,800*							135
140	58.9	409.9	90,800*	61.0	413.6	101,600*	66.0	420.1	112,800*							140
145	57.5	406.7	88,300*	59.6	410.6	99,200*	64.6	417.7	108,100*							145
150	56.0	403.4	85,800*	58.1	407.5	96,700*	63.2	415.2	103,800*							150
155	54.4	399.8	83,400*	56.6	404.2	94,200*	61.8	412.5	99,600*							155
160	52.9	396.0	80,900*	55.1	400.7	91,700*	60.3	409.6	95,800*							160
165	51.3	392.0	78,500*	53.5	397.0	89,200*	58.9	406.6	92,200*							165
170	49.6	387.8	76,200*	52.0	393.1	86,700*	57.4	403.4	88,800*	62.4	409.6	80,500*				170
175	48.0	383.3	73,800*	50.3	389.0	84,200*	55.9	400.0	85,500*	61.0	406.9	77,500*				175
180	46.3	378.5	71,600*	48.7	384.6	80,800*	54.4	396.4	82,500*	59.6	403.9	74,700*				180
185	44.5	373.5	69,500*	47.0	380.0	76,300*	52.8	392.7	79,600*	58.1	400.8	72,000*				185
190	42.6	368.1	67,400*	45.2	375.1	72,000*	51.2	388.7	76,800*	56.6	397.5	69,500*				190
195	40.7	362.3	65,400*	43.4	369.8	68,000*	49.6	384.4	74,200*	55.1	394.1	67,000*				195
200	38.8	356.2	63,500*	41.6	364.2	67,400*	47.9	379.9	71,700*	53.6	390.4	64,700*				200
205	36.7	349.5	60,300*	39.6	358.2	66,800*	46.2	375.1	69,400*	52.0	386.5	62,600*	57.2	393.2	55,200*	205
210	34.5	342.4	56,700*	37.6	351.8	62,900*	44.4	370.1	67,100*	50.4	382.3	60,500*	55.7	389.8	53,100*	210
215	32.2	334.5	53,100*	35.5	344.9	59,200*	42.6	364.6	65,000*	48.7	378.0	58,500*	54.2	386.2	51,100*	215
220	29.7	326.0	49,500*	33.2	337.3	55,600*	40.7	358.9	62,900*	47.0	373.3	56,600*	52.6	382.4	49,200*	220
225	27.1	316.4	46,000*	30.8	329.1	52,100*	38.7	352.7	60,900*	45.3	368.4	54,700*	51.0	378.4	47,400*	225
230	24.1	305.6	44,300*	28.2	320.0	48,500*	36.6	346.0	59,000*	43.4	363.1	53,000*	49.4	374.1	45,600*	230
235	20.7	293.1	42,700*	25.4	309.8	45,000*	34.4	338.8	57,200*	41.6	357.5	51,300*	47.7	369.5	43,900*	235
240	16.7	277.7	38,500*	22.2	298.1	43,200*	32.1	331.0	55,400*	39.6	351.6	49,700*	45.9	364.7	42,300*	240
245	11.3	256.4	33,600*	18.5	284.0	41,400*	29.6	322.4	52,900*	37.6	345.1	48,100*	44.2	359.6	40,800*	245
250				13.8	266.0	37,000*	26.9	312.8	49,400*	35.5	338.2	46,400*	42.3	354.2	39,300*	250
255				6.0	235.1	30,600*	24.0	302.0	45,800*	33.2	330.7	44,800*	40.4	348.3	37,800*	255
260							20.6	289.3	42,200*	30.8	322.5	43,200*	38.4	342.1	36,400*	260
265							16.5	273.7	42,100*	28.3	313.4	41,700*	36.3	335.4	35,100*	265
270							11.0	252.1	37,200*	25.4	303.2	40,300*	34.1	328.1	33,800*	270
275										22.2	291.5	38,800*	31.8	320.2	32,500*	275
280										18.5	277.5	37,400*	29.3	311.4	31,200*	280
290										6.2	228.9	34,500*	23.5	290.6	28,900*	290
300													15.9	261.5	26,500*	300

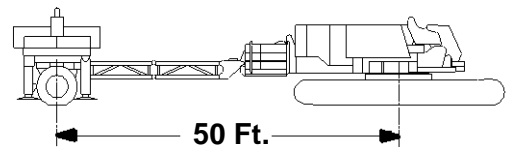


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 200 Ft. Boom, 240 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
85	74.7	445.1	108,200*													85
90	73.5	443.6	106,800*													90
95	72.2	442.0	105,200*													95
100	70.9	440.3	103,500*	72.7	442.1	110,400*										100
105	69.7	438.4	101,700*	71.5	440.4	109,200*										105
110	68.4	436.4	99,800*	70.2	438.6	107,800*										110
115	67.1	434.3	97,800*	68.9	436.7	106,300*										115
120	65.8	432.1	95,800*	67.6	434.6	104,600*										120
125	64.4	429.7	93,700*	66.3	432.4	102,800*										125
130	63.1	427.1	91,500*	65.0	430.1	101,000*										130
135	61.8	424.4	89,300*	63.7	427.6	99,000*										135
140	60.4	421.6	87,100*	62.3	425.0	97,000*	67.0	431.0	111,800*							140
145	59.0	418.6	84,900*	61.0	422.2	94,900*	65.7	428.8	107,200*							145
150	57.6	415.4	82,600*	59.6	419.3	92,700*	64.4	426.4	102,800*							150
155	56.1	412.1	80,400*	58.2	416.2	90,500*	63.1	423.8	98,700*							155
160	54.7	408.5	78,100*	56.8	412.9	88,300*	61.7	421.1	94,900*							160
165	53.2	404.8	75,900*	55.3	409.4	86,000*	60.3	418.3	91,300*							165
170	51.7	400.8	73,800*	53.8	405.8	83,700*	58.9	415.3	87,800*							170
175	50.1	396.7	71,600*	52.3	401.9	81,400*	57.5	412.1	84,600*	62.3	418.3	76,500*				175
180	48.5	392.3	69,500*	50.8	397.9	79,200*	56.1	408.7	81,600*	61.0	415.5	73,700*				180
185	46.9	387.6	67,500*	49.2	393.6	76,600*	54.6	405.2	78,700*	59.6	412.6	71,000*				185
190	45.2	382.7	65,500*	47.6	389.0	72,500*	53.1	401.4	76,000*	58.2	409.5	68,500*				190
195	43.5	377.4	63,600*	45.9	384.2	68,500*	51.6	397.5	73,400*	56.8	406.2	66,100*				195
200	41.7	371.9	61,800*	44.2	379.1	64,700*	50.0	393.3	70,900*	55.3	402.8	63,800*				200
205	39.8	365.9	60,000*	42.5	373.7	64,200*	48.5	388.9	68,500*	53.8	399.1	61,600*				205
210	37.9	359.6	57,800*	40.6	367.9	63,800*	46.8	384.2	66,300*	52.3	395.3	59,500*	57.3	401.9	51,700*	210
215	35.9	352.7	54,400*	38.7	361.7	60,200*	45.1	379.3	64,100*	50.8	391.2	57,500*	55.9	398.5	49,700*	215
220	33.8	345.4	51,000*	36.8	355.1	56,800*	43.4	374.0	62,100*	49.2	386.9	55,600*	54.4	394.9	47,800*	220
225	31.5	337.3	47,700*	34.7	347.9	53,400*	41.6	368.4	60,100*	47.6	382.4	53,800*	52.9	391.2	46,000*	225
230	29.1	328.5	44,500*	32.5	340.2	50,100*	39.8	362.5	58,100*	45.9	377.5	52,100*	51.4	387.2	44,300*	230
235	26.5	318.8	41,200*	30.1	331.8	46,800*	37.8	356.1	54,800*	44.2	372.4	50,400*	49.8	383.0	42,600*	235
240	23.6	307.7	39,700*	27.6	322.4	43,600*	35.8	349.2	54,700*	42.5	367.0	48,600*	48.2	378.5	41,000*	240
245	20.3	294.8	38,300*	24.8	312.0	40,300*	33.7	341.8	53,000*	40.7	361.2	46,900*	46.6	373.8	39,500*	245
250	16.3	279.1	34,400*	21.7	299.9	38,700*	31.4	333.8	50,900*	38.8	355.1	45,300*	44.9	368.8	38,000*	250
255	11.0	257.3	29,800*	18.1	285.6	37,200*	29.0	324.9	47,700*	36.8	348.4	43,700*	43.2	363.5	36,500*	255
260				13.5	267.1	33,000*	26.3	315.1	44,400*	34.7	341.3	42,100*	41.4	357.9	35,200*	260
265				5.9	235.6	27,100*	23.4	304.0	41,200*	32.5	333.6	40,600*	39.5	351.9	33,800*	265
270							20.1	291.0	37,800*	30.2	325.1	39,200*	37.6	345.5	32,500*	270
275							16.1	275.1	35,500*	27.6	315.8	37,800*	35.5	338.5	31,300*	275
280							10.7	253.0	33,300*	24.9	305.3	36,400*	33.4	331.0	30,100*	280
290										18.1	279.0	33,800*	28.6	313.9	27,700*	290
300										6.0	229.3	31,000*	23.0	292.6	25,500*	300
310													15.5	262.9	23,300*	310

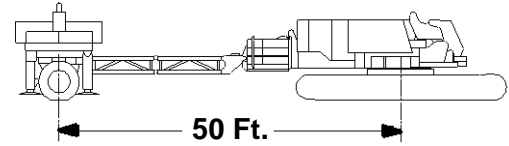


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	71.4	299.8	319,000*b													45
50	66.9	297.6	314,400*b													50
55	62.3	295.0	304,200*	69.5	298.3	323,100*b										55
60	57.5	291.8	294,300*	64.9	295.9	313,500*										60
65	52.3	288.0	284,800*	60.2	293.0	297,000*										65
70	46.7	283.3	274,300*	55.3	289.6	275,000*										70
75	40.5	277.6	261,800*	49.9	285.4	255,900*										75
80	33.3	270.4	242,800*	44.1	280.4	239,000*	64.4	292.8	223,300*							80
85	24.1	260.3	221,000*	37.5	274.1	223,900*	59.6	289.8	209,400*							85
90				29.6	265.8	210,300*	54.6	286.3	196,900*							90
95				18.6	253.2	197,800*	49.3	282.0	185,700*							95
100							43.4	276.9	175,500*							100
105							36.7	270.4	166,200*	58.7	284.7	154,600*				105
110							28.5	261.8	157,600*	53.7	281.1	146,800*				110
115							16.7	248.2	149,400*	48.2	276.7	139,600*				115
120										42.2	271.3	133,000*				120
125										35.3	264.5	126,800*	57.4	277.6	117,300*	125
130										26.8	255.3	120,900*	52.2	273.8	112,100*	130
135										13.2	239.6	115,100*	46.6	269.1	107,200*	135
140													40.4	263.4	102,500*	140
145													33.2	256.1	98,200*	145
150													23.9	245.9	93,900*	150

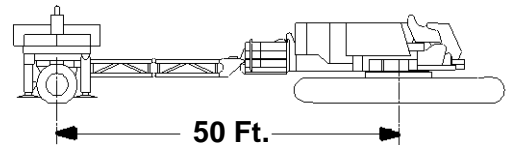


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



### 220 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.8	310.4	299,900*b													45
50	70.0	308.6	298,200*b													50
55	66.1	306.3	292,900*	72.2	309.0	304,200*b										55
60	62.0	303.7	283,900*	68.3	307.0	301,800*										60
65	57.8	300.5	272,300*	64.3	304.6	292,800*										65
70	53.3	296.8	260,200*	60.2	301.7	274,400*										70
75	48.6	292.4	248,100*	55.9	298.3	255,300*										75
80	43.4	287.3	237,000*	51.3	294.3	238,500*	67.8	303.9	222,300*							80
85	37.7	281.0	226,800*	46.4	289.6	223,600*	63.8	301.4	208,400*							85
90	31.0	273.0	211,900*	41.0	284.0	210,300*	59.7	298.5	196,100*							90
95	22.3	262.1	194,700*	34.9	277.1	198,200*	55.3	295.1	185,000*							95
100				27.5	268.1	187,200*	50.7	291.0	174,900*							100
105				17.2	254.6	176,900*	45.8	286.2	165,700*							105
110							40.3	280.4	157,300*	58.9	293.4	145,800*				110
115							34.1	273.3	149,500*	54.5	289.9	138,700*				115
120							26.5	264.0	142,300*	49.9	285.7	132,200*				120
125							15.4	249.4	135,300*	44.8	280.7	126,100*				125
130										39.2	274.7	120,500*	57.7	286.3	111,000*	130
135										32.8	267.3	115,100*	53.3	282.6	106,200*	135
140										24.9	257.4	110,100*	48.5	278.2	101,700*	140
145										12.2	240.5	105,000*	43.3	273.0	97,400*	145
150													37.6	266.7	93,400*	150
155													30.8	258.7	89,600*	155
160													22.2	247.7	85,900*	160

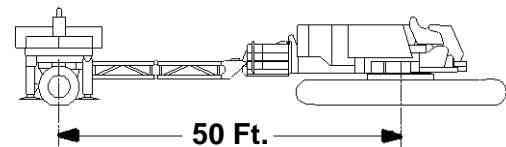


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	72.3	319.2	281,600*													50
55	68.9	317.3	278,500*													55
60	65.4	315.0	268,700*	70.8	317.8	285,600*										60
65	61.8	312.3	258,500*	67.4	315.7	282,600*										65
70	58.1	309.2	247,500*	63.8	313.2	274,000*										70
75	54.1	305.6	236,700*	60.2	310.4	255,000*										75
80	50.0	301.4	226,100*	56.4	307.0	238,300*										80
85	45.6	296.6	215,900*	52.3	303.2	223,400*	67.0	312.6	207,800*							85
90	40.7	290.9	206,600*	48.1	298.8	210,200*	63.4	310.1	195,500*							90
95	35.3	284.1	198,100*	43.5	293.6	198,200*	59.7	307.2	184,400*							95
100	29.0	275.5	180,200*	38.5	287.4	187,400*	55.9	303.8	174,400*							100
105	20.9	263.8	167,000*	32.7	279.9	177,500*	51.9	299.9	165,300*							105
110				25.8	270.3	168,400*	47.6	295.4	157,000*	62.7	305.1	145,200*				110
115				16.1	255.9	157,800*	42.9	290.1	149,400*	59.0	302.1	138,100*				115
120							37.8	283.8	142,300*	55.2	298.6	131,600*				120
125							32.0	276.1	135,700*	51.1	294.6	125,600*				125
130							24.9	266.1	129,600*	46.7	289.9	120,100*				130
135							14.4	250.5	123,600*	42.0	284.5	114,900*	58.0	295.0	105,500*	135
140										36.8	278.0	110,000*	54.1	291.4	101,100*	140
145										30.8	270.0	105,400*	49.9	287.2	96,900*	145
150										23.3	259.3	101,000*	45.5	282.4	93,000*	150
155										11.4	241.3	96,600*	40.6	276.7	89,300*	155
160													35.2	269.8	85,800*	160
165													28.9	261.2	82,400*	165
170													20.8	249.4	79,100*	170

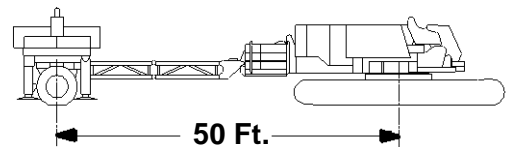


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.2	329.8	265,400* <sup>b</sup>													50
55	71.1	328.1	261,600*													55
60	68.0	326.0	253,400*	72.8	328.4	269,300*										60
65	64.9	323.7	244,500*	69.8	326.6	268,100*										65
70	61.6	321.0	235,100*	66.7	324.4	260,800*										70
75	58.3	317.9	225,500*	63.5	321.9	252,000*										75
80	54.7	314.4	215,900*	60.2	319.0	237,500*										80
85	51.1	310.3	206,500*	56.7	315.7	222,700*										85
90	47.2	305.7	197,400*	53.2	312.0	209,500*	66.3	321.3	194,500*							90
95	43.0	300.5	189,000*	49.4	307.8	197,700*	63.1	318.7	183,400*							95
100	38.5	294.3	181,100*	45.4	302.9	186,900*	59.8	315.8	173,500*							100
105	33.4	287.0	173,800*	41.1	297.2	177,200*	56.3	312.5	164,500*							105
110	27.4	277.9	155,400*	36.3	290.6	168,200*	52.7	308.7	156,200*							110
115	19.8	265.4	145,100*	30.9	282.6	160,000*	48.9	304.4	148,600*	62.5	313.7	137,000*				115
120				24.4	272.3	149,600*	44.9	299.4	141,700*	59.1	310.7	130,600*				120
125				15.2	257.0	137,600*	40.5	293.7	135,200*	55.7	307.3	124,700*				125
130							35.7	286.9	129,200*	52.0	303.5	119,100*				130
135							30.2	278.7	123,500*	48.2	299.0	114,000*				135
140							23.5	268.1	118,200*	44.1	293.9	109,200*				140
145							13.6	251.6	113,000*	39.7	288.0	104,700*	54.7	300.2	95,800*	145
150										34.8	281.0	100,500*	51.0	296.1	92,000*	150
155										29.1	272.5	96,400*	47.1	291.5	88,400*	155
160										22.0	261.2	92,600*	42.9	286.2	84,900*	160
165										10.7	242.1	88,700*	38.4	280.1	81,700*	165
170													33.3	272.7	78,600*	170
175													27.3	263.5	75,600*	175
180													19.6	251.0	72,700*	180

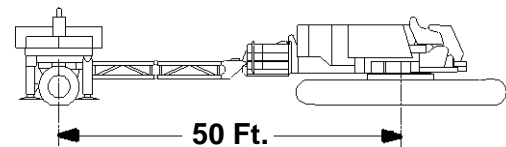


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	72.9	338.7	245,700*													55
60	70.1	336.8	239,000*													60
65	67.3	334.7	231,400*	71.7	337.3	252,200*										65
70	64.4	332.3	223,400*	68.9	335.3	246,100*										70
75	61.5	329.6	214,900*	66.1	333.1	238,900*										75
80	58.4	326.5	206,300*	63.1	330.5	231,100*										80
85	55.2	323.1	197,800*	60.1	327.7	222,200*										85
90	51.9	319.2	189,500*	57.0	324.4	209,100*										90
95	48.5	314.8	181,400*	53.8	320.8	197,300*	65.7	330.0	182,700*							95
100	44.8	309.8	173,700*	50.5	316.7	186,600*	62.8	327.4	172,800*							100
105	40.9	304.1	166,600*	46.9	312.1	176,900*	59.8	324.5	163,800*							105
110	36.6	297.5	160,000*	43.1	306.8	168,000*	56.7	321.2	155,600*							110
115	31.7	289.7	150,700*	39.0	300.7	159,800*	53.4	317.5	148,100*							115
120	26.1	280.1	144,200*	34.5	293.7	152,300*	50.0	313.3	141,100*	62.2	322.4	129,800*				120
125	18.7	267.0	127,400*	29.4	285.1	145,300*	46.5	308.6	134,700*	59.2	319.4	123,900*				125
130				23.2	274.3	138,800*	42.6	303.3	128,800*	56.1	316.1	118,400*				130
135				14.4	258.2	121,200*	38.5	297.1	123,300*	52.8	312.3	113,400*				135
140							33.9	289.9	118,100*	49.4	308.0	108,600*				140
145							28.7	281.2	113,200*	45.8	303.2	104,200*				145
150							22.3	269.9	108,500*	41.9	297.7	100,000*	55.2	308.9	91,200*	150
155							12.9	252.6	104,000*	37.7	291.4	96,100*	51.9	305.0	87,700*	155
160										33.0	283.9	92,300*	48.4	300.6	84,300*	160
165										27.6	274.8	88,800*	44.7	295.6	81,100*	165
170										20.9	262.9	85,400*	40.8	289.9	78,100*	170
175										10.1	242.8	81,900*	36.5	283.3	75,200*	175
180													31.6	275.5	72,400*	180
185													25.9	265.8	69,700*	185
190													18.6	252.6	67,100*	190

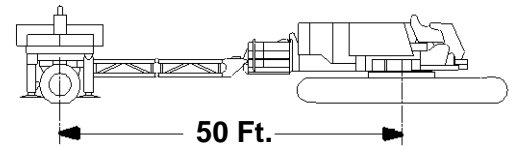


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.4	349.2	230,300*													55
60	71.9	347.5	224,800*													60
65	69.3	345.6	218,500*													65
70	66.7	343.5	211,600*	70.8	346.1	231,500*										70
75	64.1	341.0	204,300*	68.2	344.1	225,700*										75
80	61.3	338.3	196,800*	65.6	341.8	219,200*										80
85	58.5	335.2	189,200*	62.9	339.2	212,100*										85
90	55.7	331.8	181,600*	60.1	336.3	204,700*										90
95	52.7	328.0	174,200*	57.3	333.1	196,500*	67.9	341.0	181,700*							95
100	49.5	323.8	167,000*	54.4	329.6	185,900*	65.3	338.7	171,800*							100
105	46.2	319.0	160,000*	51.3	325.6	176,200*	62.6	336.1	162,900*							105
110	42.7	313.7	153,600*	48.1	321.1	167,400*	59.8	333.1	154,700*							110
115	39.0	307.6	147,600*	44.7	316.1	159,300*	57.0	329.9	147,200*							115
120	34.9	300.6	142,100*	41.1	310.5	151,800*	54.0	326.3	140,300*							120
125	30.3	292.4	131,800*	37.3	304.0	144,900*	50.9	322.2	133,900*	62.1	331.0	122,900*				125
130	24.9	282.2	126,900*	32.9	296.5	138,500*	47.7	317.7	128,000*	59.3	328.1	117,400*				130
135	17.9	268.4	112,500*	28.0	287.6	128,100*	44.3	312.7	122,600*	56.4	324.8	112,400*				135
140				22.1	276.2	122,900*	40.7	306.9	117,400*	53.4	321.1	107,700*				140
145				13.7	259.3	107,200*	36.8	300.4	112,600*	50.4	316.9	103,300*				145
150							32.4	292.7	108,100*	47.1	312.3	99,200*				150
155							27.4	283.5	103,800*	43.7	307.2	95,300*	55.6	317.6	86,600*	155
160							21.3	271.7	99,700*	40.0	301.3	91,600*	52.6	313.8	83,300*	160
165							12.2	253.5	95,700*	36.0	294.6	88,100*	49.5	309.6	80,100*	165
170										31.5	286.7	84,800*	46.2	304.8	77,100*	170
175										26.4	277.1	81,700*	42.7	299.5	74,300*	175
180										19.9	264.6	78,600*	38.9	293.4	71,600*	180
185										9.6	243.5	75,500*	34.8	286.4	69,000*	185
190													30.2	278.1	66,600*	190
195													24.8	267.9	64,200*	195
200													17.7	254.0	61,800*	200

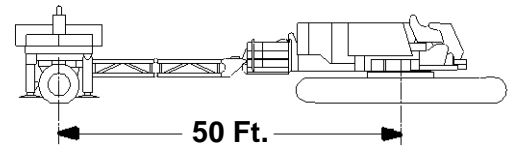


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	73.3	358.1	211,300*													60
65	71.0	356.3	206,200*													65
70	68.6	354.4	200,400*	72.3	356.7	217,500*										70
75	66.2	352.2	194,200*	70.0	354.9	212,900*										75
80	63.8	349.7	187,700*	67.6	352.8	207,600*										80
85	61.2	346.9	181,000*	65.1	350.5	201,800*										85
90	58.7	343.9	174,300*	62.7	347.9	195,500*										90
95	56.0	340.5	167,600*	60.1	345.0	188,900*										95
100	53.3	336.8	161,000*	57.5	341.8	182,200*	67.3	349.7	171,700*							100
105	50.4	332.7	154,600*	54.8	338.3	175,400*	64.9	347.3	162,800*							105
110	47.4	328.1	148,500*	52.0	334.4	167,500*	62.4	344.7	154,600*							110
115	44.3	323.1	142,500*	49.1	330.1	159,400*	59.8	341.8	147,200*							115
120	40.9	317.4	137,100*	46.1	325.3	152,000*	57.2	338.6	140,300*							120
125	37.4	310.9	132,000*	42.9	320.0	145,200*	54.5	335.0	134,000*							125
130	33.4	303.6	127,300*	39.4	314.0	138,800*	51.7	331.1	128,100*	61.9	339.7	117,300*				130
135	29.0	294.9	116,400*	35.7	307.2	132,900*	48.8	326.7	122,600*	59.3	336.7	112,300*				135
140	23.8	284.2	112,600*	31.6	299.3	124,300*	45.7	321.9	117,500*	56.7	333.5	107,600*				140
145	17.1	269.8	100,100*	26.9	289.9	113,400*	42.5	316.5	112,800*	54.0	329.8	103,300*				145
150				21.2	277.9	109,300*	39.0	310.4	108,300*	51.2	325.8	99,200*				150
155				13.1	260.3	95,700*	35.2	303.5	104,100*	48.2	321.4	95,300*				155
160							31.0	295.4	100,100*	45.1	316.5	91,700*	56.0	326.3	83,200*	160
165							26.2	285.8	96,400*	41.8	310.9	88,300*	53.2	322.6	80,100*	165
170							20.4	273.4	92,700*	38.3	304.7	85,000*	50.4	318.5	77,100*	170
175							11.7	254.4	89,100*	34.5	297.6	81,900*	47.4	313.9	74,300*	175
180										30.2	289.3	79,000*	44.2	308.8	71,600*	180
185										25.3	279.3	76,200*	40.9	303.1	69,100*	185
190										19.1	266.2	73,400*	37.3	296.7	66,700*	190
195										9.2	244.2	70,600*	33.4	289.3	64,400*	195
200													28.9	280.6	62,100*	200
205													23.7	269.9	60,000*	205
210													17.0	255.4	57,800*	210

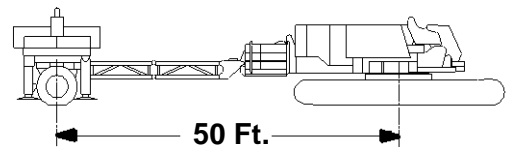


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.6	368.5	198,500*													60
65	72.4	366.9	194,200*													65
70	70.2	365.1	189,400*													70
75	68.0	363.1	184,100*	71.5	365.5	200,500*										75
80	65.8	360.8	178,500*	69.3	363.6	196,200*										80
85	63.5	358.4	172,600*	67.0	361.5	191,300*										85
90	61.2	355.6	166,700*	64.8	359.1	185,900*										90
95	58.8	352.6	160,600*	62.5	356.5	180,300*										95
100	56.3	349.2	154,700*	60.1	353.7	174,400*										100
105	53.8	345.6	148,800*	57.7	350.5	168,400*	66.8	358.4	161,800*							105
110	51.1	341.6	143,100*	55.2	347.0	162,400*	64.5	356.0	153,600*							110
115	48.4	337.2	137,500*	52.6	343.2	156,400*	62.2	353.4	146,200*							115
120	45.6	332.3	132,100*	50.0	339.0	150,400*	59.8	350.5	139,400*							120
125	42.6	326.9	127,200*	47.2	334.4	144,500*	57.4	347.3	133,100*							125
130	39.4	320.9	122,500*	44.3	329.4	138,200*	54.9	343.8	127,200*							130
135	35.9	314.1	118,100*	41.2	323.7	132,300*	52.3	339.9	121,800*	61.8	348.4	111,200*				135
140	32.1	306.4	113,300*	37.9	317.4	126,800*	49.6	335.7	116,700*	59.4	345.4	106,600*				140
145	27.9	297.3	103,900*	34.3	310.2	120,300*	46.8	331.0	112,000*	56.9	342.2	102,200*				145
150	22.9	286.2	101,000*	30.4	301.9	110,800*	43.9	325.9	107,600*	54.4	338.6	98,200*				150
155	16.4	271.2	90,100*	25.8	292.1	101,400*	40.8	320.2	103,400*	51.8	334.7	94,400*				155
160				20.3	279.6	98,200*	37.5	313.8	99,500*	49.1	330.4	90,800*				160
165				12.6	261.3	86,200*	33.9	306.5	95,800*	46.3	325.6	87,400*	56.3	335.1	79,000*	165
170							29.8	298.0	92,300*	43.3	320.4	84,200*	53.7	331.4	76,000*	170
175							25.2	287.9	88,900*	40.2	314.5	81,100*	51.1	327.4	73,300*	175
180							19.6	275.1	85,700*	36.8	308.0	78,200*	48.4	323.0	70,700*	180
185									82,400*	33.2	300.5	75,500*	45.5	318.1	68,200*	185
190										29.0	291.8	72,800*	42.5	312.7	65,800*	190
195										24.3	281.3	70,300*	39.3	306.7	63,500*	195
200										18.3	267.7	67,800*	35.8	299.9	61,300*	200
205										8.8	244.9	65,300*	32.1	292.1	59,200*	205
210													27.8	283.0	57,200*	210
215													22.8	271.8	55,200*	215
220													16.3	256.7	53,200	220

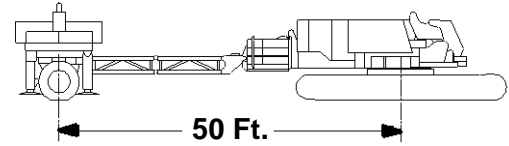


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
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	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.6	377.5	182,900*													65
70	71.6	375.8	178,900*													70
75	69.6	373.9	174,400*	72.7	376.1	188,600*										75
80	67.5	371.8	169,600*	70.7	374.3	185,200*										80
85	65.4	369.5	164,600*	68.7	372.4	181,200*										85
90	63.3	367.0	159,400*	66.6	370.2	176,700*										90
95	61.1	364.3	154,000*	64.5	367.8	171,900*										95
100	58.8	361.2	148,700*	62.3	365.2	166,900*										100
105	56.6	357.9	143,400*	60.1	362.3	161,600*										105
110	54.2	354.3	138,100*	57.9	359.2	156,300*	66.3	367.1	152,900*							110
115	51.8	350.4	133,000*	55.5	355.7	150,900*	64.2	364.7	145,500*							115
120	49.3	346.1	128,000*	53.2	352.0	145,500*	62.0	362.0	138,600*							120
125	46.6	341.4	123,200*	50.7	347.9	140,200*	59.8	359.1	132,300*							125
130	43.9	336.3	118,700*	48.1	343.5	135,000*	57.6	356.0	126,500*							130
135	41.0	330.6	114,300*	45.5	338.6	130,000*	55.3	352.5	121,100*							135
140	37.9	324.3	110,300*	42.7	333.2	125,300*	52.9	348.7	116,100*	61.6	357.0	105,800*				140
145	34.6	317.2	106,600*	39.7	327.3	120,700*	50.4	344.6	111,400*	59.4	354.1	101,500*				145
150	31.0	309.1	100,800*	36.5	320.6	115,500*	47.8	340.1	107,000*	57.2	350.8	97,400*				150
155	26.9	299.6	99,100*	33.1	313.1	107,000*	45.1	335.2	102,800*	54.8	347.3	93,600*				155
160	22.1	288.0	90,300*	29.3	304.5	98,800*	42.3	329.7	99,000*	52.4	343.5	90,100*				160
165	15.8	272.5	80,500*	24.9	294.2	96,900*	39.3	323.7	95,300*	49.9	339.3	86,700*				165
170				19.6	281.3	87,900*	36.1	317.0	91,800*	47.3	334.7	83,500*	56.5	343.8	75,300*	170
175				12.1	262.3	77,200*	32.6	309.3	88,500*	44.6	329.7	80,500*	54.2	340.2	72,500*	175
180							28.8	300.5	85,400*	41.8	324.2	77,600*	51.7	336.2	69,900*	180
185							24.3	290.0	82,400*	38.7	318.0	74,900*	49.2	331.9	67,400*	185
190							18.9	276.6	79,500*	35.5	311.1	72,300*	46.6	327.2	65,100*	190
195							10.8	256.2	76,500*	32.0	303.3	69,900*	43.8	322.1	62,800*	195
200										28.0	294.3	67,500*	41.0	316.4	60,700*	200
205										23.4	283.3	65,200*	37.9	310.0	58,600*	205
210										17.7	269.2	62,900*	34.6	302.9	56,700*	210
215										8.4	245.5	60,600*	30.9	294.8	54,800*	215
220													26.8	285.3	52,900*	220
225													22.0	273.7	50,900*	225
230													15.7	258.0	49,000*	230



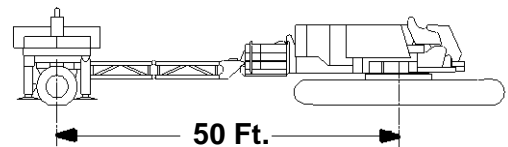


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 220 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.7	387.9	171,900*													65
70	72.8	386.4	168,600*													70
75	70.9	384.6	164,900*													75
80	69.0	382.7	160,800*	72.0	385.0	174,400*										80
85	67.0	380.6	156,400*	70.1	383.1	171,100*										85
90	65.1	378.2	151,900*	68.1	381.1	167,400*										90
95	63.1	375.7	147,200*	66.2	378.9	163,400*										95
100	61.0	372.9	142,400*	64.2	376.5	159,000*										100
105	58.9	369.9	137,600*	62.2	373.8	154,500*										105
110	56.8	366.6	132,900*	60.1	371.0	149,800*	67.9	378.1	151,800*							110
115	54.6	363.1	128,100*	58.0	367.8	145,000*	65.9	375.8	144,400*							115
120	52.3	359.2	123,500*	55.8	364.5	140,200*	63.9	373.4	137,600*							120
125	50.0	355.0	119,100*	53.6	360.8	135,400*	61.9	370.7	131,400*							125
130	47.6	350.5	114,700*	51.3	356.8	130,700*	59.8	367.8	125,600*							130
135	45.1	345.6	110,600*	48.9	352.5	125,900*	57.7	364.6	120,200*							135
140	42.4	340.1	106,700*	46.5	347.7	121,400*	55.6	361.2	115,200*							140
145	39.6	334.2	102,900*	43.9	342.6	117,100*	53.3	357.5	110,500*	61.5	365.7	100,400*				145
150	36.7	327.6	99,400*	41.2	336.9	112,900*	51.0	353.5	106,100*	59.5	362.7	96,400*				150
155	33.5	320.1	96,200*	38.4	330.7	108,900*	48.7	349.1	102,000*	57.3	359.5	92,600*				155
160	29.9	311.7	90,400*	35.3	323.8	103,300*	46.2	344.3	98,100*	55.2	356.1	89,100*				160
165	26.0	301.9	89,200*	32.0	315.9	95,900*	43.6	339.1	94,500*	52.9	352.3	85,700*				165
170	21.3	289.9	81,400*	28.3	307.0	88,700*	40.9	333.4	91,100*	50.6	348.2	82,600*				170
175	15.3	273.8	72,700*	24.1	296.3	87,400*	38.0	327.1	87,800*	48.2	343.7	79,600*	56.7	352.4	71,400*	175
180				18.9	282.9	79,300*	34.9	320.1	84,700*	45.7	338.9	76,700*	54.5	348.9	68,800*	180
185				11.7	263.2	69,800*	31.5	312.1	81,700*	43.1	333.6	74,000*	52.3	345.0	66,400*	185
190							27.8	303.0	78,900*	40.4	327.8	71,500*	49.9	340.9	64,000*	190
195							23.5	292.0	76,200*	37.4	321.4	69,100*	47.5	336.3	61,800*	195
200							18.2	278.2	73,600*	34.3	314.2	66,700*	45.0	331.3	59,700*	200
205							10.4	257.0	71,000*	30.9	306.0	64,500*	42.4	325.9	57,700*	205
210										27.1	296.6	62,300*	39.6	319.9	55,700*	210
215										22.6	285.3	60,200*	36.6	313.3	53,600*	215
220										17.1	270.6	58,200*	33.4	305.9	51,700*	220
225										8.1	246.1	56,000*	29.9	297.4	49,800*	225
230													25.9	287.5	48,000*	230
235													21.2	275.5	46,200*	235
240													15.2	259.3	44,400*	240

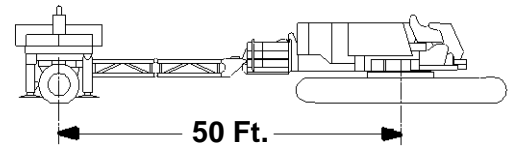


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 220 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.8	396.8	158,200*													70
75	72.1	395.2	155,100*													75
80	70.3	393.4	151,700*													80
85	68.5	391.4	148,100*	71.3	393.8	160,800*										85
90	66.6	389.3	144,200*	69.5	391.9	157,800*										90
95	64.8	386.9	140,100*	67.7	389.9	154,500*										95
100	62.9	384.3	136,000*	65.8	387.6	150,900*										100
105	60.9	381.6	131,800*	63.9	385.2	147,000*										105
110	59.0	378.6	127,600*	62.0	382.5	143,100*										110
115	57.0	375.3	123,300*	60.1	379.6	138,900*	67.5	386.8	144,200*							115
120	54.9	371.8	119,200*	58.1	376.5	134,700*	65.6	384.5	137,400*							120
125	52.8	368.0	115,100*	56.1	373.2	130,400*	63.7	382.0	131,200*							125
130	50.6	363.9	111,100*	54.0	369.5	126,200*	61.8	379.4	125,400*							130
135	48.4	359.5	107,200*	51.9	365.6	122,000*	59.9	376.5	120,000*							135
140	46.0	354.7	103,500*	49.7	361.4	117,800*	57.9	373.3	115,000*							140
145	43.6	349.5	99,900*	47.4	356.8	113,700*	55.8	369.9	110,300*							145
150	41.1	343.8	96,500*	45.0	351.9	109,800*	53.7	366.3	106,000*	61.5	374.3	96,200*				150
155	38.4	337.6	93,200*	42.5	346.4	106,000*	51.6	362.3	101,900*	59.5	371.4	92,400*				155
160	35.5	330.7	90,300*	39.9	340.5	102,400*	49.4	358.0	98,000*	57.5	368.2	88,900*				160
165	32.4	323.0	87,500*	37.1	334.0	99,000*	47.1	353.4	94,400*	55.5	364.8	85,500*				165
170	29.0	314.2	81,400*	34.2	326.8	92,800*	44.7	348.4	91,000*	53.4	361.1	82,400*				170
175	25.2	304.0	80,600*	31.0	318.7	86,300*	42.2	342.9	87,700*	51.2	357.1	79,400*				175
180	20.7	291.6	73,600*	27.4	309.3	79,900*	39.6	337.0	84,700*	49.0	352.7	76,600*	56.9	361.1	68,600*	180
185	14.8	275.0	65,800*	23.3	298.3	79,000*	36.8	330.4	81,700*	46.7	348.0	73,900*	54.9	357.6	66,200*	185
190				18.3	284.4	71,800*	33.8	323.1	79,000*	44.2	342.9	71,400*	52.8	353.8	63,900*	190
195				11.3	264.1	63,100*	30.5	314.8	76,300*	41.7	337.4	69,000*	50.6	349.7	61,700*	195
200							26.9	305.3	73,800*	39.1	331.3	66,700*	48.3	345.3	59,600*	200
205							22.8	294.0	71,300*	36.3	324.6	64,500*	46.0	340.5	57,600*	205
210							17.6	279.7	68,900*	33.2	317.1	62,300*	43.6	335.3	55,500*	210
215							10.1	257.8	65,500*	29.9	308.7	60,300*	41.0	329.6	53,500*	215
220										26.2	298.9	58,300*	38.3	323.4	51,600*	220
225										21.9	287.1	56,400*	35.4	316.5	49,700*	225
230										16.5	272.0	54,500*	32.3	308.7	48,000*	230
235										7.8	246.7	52,600*	28.9	299.9	46,200*	235
240													25.1	289.7	44,600*	240
245													20.6	277.2	42,900*	245
250													14.7	260.5	41,300*	250

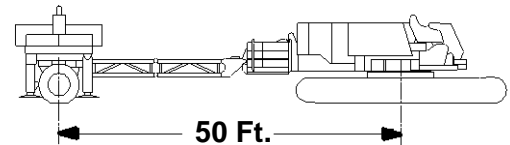


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 220 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
70	74.8	407.3	148,900*													70
75	73.1	405.8	146,300*													75
80	71.4	404.1	143,500*													80
85	69.7	402.2	140,300*	72.4	404.4	151,500*										85
90	68.0	400.2	137,000*	70.7	402.6	149,000*										90
95	66.3	398.0	133,500*	69.0	400.7	146,300*										95
100	64.5	395.6	129,800*	67.3	398.6	143,200*										100
105	62.7	393.0	126,100*	65.5	396.3	140,000*										105
110	60.9	390.2	122,300*	63.7	393.8	136,500*										110
115	59.0	387.2	118,500*	61.9	391.2	132,900*										115
120	57.1	384.0	114,700*	60.1	388.3	129,200*	67.0	395.5	136,400*							120
125	55.2	380.5	111,000*	58.2	385.2	125,400*	65.3	393.2	130,200*							125
130	53.2	376.8	107,300*	56.3	381.9	121,600*	63.5	390.7	124,400*							130
135	51.2	372.8	103,700*	54.3	378.3	117,800*	61.7	388.0	119,100*							135
140	49.1	368.5	100,200*	52.3	374.4	114,000*	59.9	385.1	114,100*							140
145	46.9	363.8	96,800*	50.3	370.3	110,200*	58.0	382.0	109,400*							145
150	44.7	358.8	93,500*	48.1	365.8	106,500*	56.1	378.6	105,100*							150
155	42.3	353.4	90,400*	45.9	361.0	102,900*	54.1	375.0	101,000*	61.4	383.0	91,400*				155
160	39.8	347.4	87,400*	43.6	355.8	99,500*	52.1	371.1	97,200*	59.5	380.1	87,800*				160
165	37.2	340.9	84,600*	41.2	350.2	96,200*	50.0	367.0	93,600*	57.6	376.9	84,500*				165
170	34.4	333.8	82,000*	38.7	344.0	93,000*	47.9	362.5	90,100*	55.7	373.5	81,400*				170
175	31.4	325.8	79,000*	36.0	337.2	89,400*	45.7	357.6	86,900*	53.7	369.8	78,400*				175
180	28.1	316.7	73,300*	33.2	329.7	83,600*	43.4	352.4	83,900*	51.7	365.9	75,600*				180
185	24.4	306.1	72,900*	30.0	321.3	77,800*	40.9	346.6	81,000*	49.6	361.7	73,000*	57.1	369.8	65,100*	185
190	20.0	293.3	66,600*	26.6	311.6	72,100*	38.4	340.4	78,200*	47.5	357.1	70,500*	55.2	366.4	62,800*	190
195	14.4	276.2	59,500*	22.6	300.2	71,500*	35.7	333.6	75,600*	45.2	352.2	68,100*	53.2	362.6	60,600*	195
200				17.8	285.9	65,000*	32.8	326.0	73,100*	42.9	346.8	65,800*	51.1	358.6	58,300*	200
205				10.9	265.0	57,200*	29.6	317.4	70,700*	40.5	341.0	63,600*	49.0	354.3	56,200*	205
210							26.1	307.6	68,400*	37.9	334.7	61,500*	46.9	349.6	54,100*	210
215							22.1	295.9	66,100*	35.2	327.7	59,500*	44.6	344.6	52,200*	215
220							17.1	281.1	64,000*	32.2	320.0	57,600*	42.3	339.1	50,300*	220
225							9.8	258.6	59,400*	29.0	311.2	55,700*	39.8	333.2	48,500*	225
230										25.4	301.1	53,900*	37.2	326.7	46,700*	230
235										21.3	289.0	52,200*	34.4	319.5	45,000*	235
240										16.0	273.3	50,400*	31.4	311.5	43,400*	240
245										7.6	247.3	48,600	28.1	302.4	41,800*	245
250													24.3	291.8	40,300*	250
255													19.9	278.9	38,800*	255
260													14.2	261.7	37,200*	260

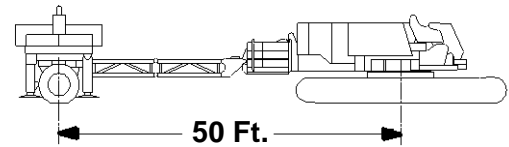


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 220 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.0	416.2	136,600*													75
80	72.4	414.6	134,300*													80
85	70.8	412.9	131,700*													85
90	69.2	411.0	128,900*	71.7	413.2	139,200*										90
95	67.6	408.9	126,000*	70.1	411.4	137,000*										95
100	65.9	406.7	122,900*	68.5	409.5	134,600*										100
105	64.3	404.3	119,700*	66.9	407.3	131,900*										105
110	62.6	401.7	116,400*	65.2	405.0	129,000*										110
115	60.8	398.9	113,100*	63.5	402.5	126,000*										115
120	59.1	395.9	109,800*	61.8	399.8	122,900*										120
125	57.3	392.7	106,400*	60.1	397.0	119,600*	66.7	404.2	129,400*							125
130	55.5	389.2	103,100*	58.3	393.9	116,300*	65.0	401.9	123,600*							130
135	53.6	385.6	99,800*	56.5	390.6	113,000*	63.3	399.4	118,300*							135
140	51.7	381.6	96,600*	54.7	387.0	109,600*	61.6	396.7	113,300*							140
145	49.7	377.4	93,500*	52.8	383.2	106,300*	59.9	393.8	108,700*							145
150	47.7	372.9	90,500*	50.8	379.2	102,900*	58.1	390.7	104,300*							150
155	45.6	368.0	87,600*	48.8	374.8	99,700*	56.3	387.3	100,300*							155
160	43.4	362.7	84,700*	46.8	370.1	96,400*	54.4	383.8	96,500*	61.3	391.7	87,000*				160
165	41.1	357.1	82,000*	44.6	365.1	93,300*	52.5	379.9	92,900*	59.5	388.7	83,700*				165
170	38.7	350.9	79,400*	42.4	359.7	90,300*	50.6	375.8	89,500*	57.8	385.6	80,600*				170
175	36.2	344.2	77,000*	40.1	353.8	87,500*	48.6	371.5	86,300*	55.9	382.2	77,700*				175
180	33.5	336.7	74,800*	37.6	347.4	84,700*	46.5	366.7	83,200*	54.1	378.6	74,900*				180
185	30.6	328.4	70,800*	35.0	340.4	80,100*	44.4	361.7	80,300*	52.2	374.7	72,300*				185
190	27.4	319.1	68,100*	32.2	332.6	74,900*	42.1	356.2	77,600*	50.2	370.6	69,700*	57.3	378.5	61,800*	190
195	23.7	308.2	65,400*	29.2	323.9	69,800*	39.8	350.2	75,000*	48.2	366.1	67,400*	55.4	375.1	59,500*	195
200	19.5	295.0	59,700*	25.8	313.9	64,600*	37.3	343.7	72,500*	46.1	361.3	65,100*	53.6	371.4	57,200*	200
205	13.9	277.3	53,200*	22.0	302.1	64,300*	34.7	336.6	70,100*	44.0	356.2	62,900*	51.6	367.4	55,100*	205
210				17.3	287.4	58,300*	31.9	328.8	67,900*	41.7	350.6	60,800*	49.7	363.2	53,100*	210
215				10.6	265.9	51,100*	28.8	319.9	65,700*	39.3	344.6	58,900*	47.6	358.7	51,100*	215
220							25.4	309.8	63,600*	36.8	338.0	57,000*	45.5	353.8	49,300*	220
225							21.5	297.7	61,500*	34.2	330.8	55,100*	43.3	348.5	47,500*	225
230							16.6	282.5	59,500*	31.3	322.7	53,400*	41.1	342.8	45,800*	230
235							9.5	259.3	53,300*	28.2	313.7	51,700*	38.7	336.7	44,100*	235
240										24.7	303.2	50,000*	36.1	329.9	42,500*	240
245										20.7	290.7	48,400	33.4	322.5	41,000*	245
250										15.6	274.6	46,700	30.5	314.2	39,500*	250
255										7.4	247.9	44,900*	27.3	304.8	38,000*	255
260													23.7	293.9	36,600*	260
265													19.4	280.6	35,200*	265
270													13.8	262.8	33,800*	270

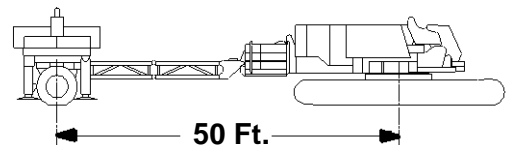


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 220 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.8	426.7	128,600*													75
80	73.3	425.2	126,600*													80
85	71.8	423.5	124,500*													85
90	70.3	421.7	122,100*	72.7	423.8	131,000*										90
95	68.8	419.8	119,600*	71.2	422.1	129,300*										95
100	67.2	417.7	116,900*	69.7	420.2	127,200*										100
105	65.7	415.4	114,100*	68.1	418.2	125,000*										105
110	64.1	413.0	111,200*	66.5	416.0	122,600*										110
115	62.4	410.3	108,300*	65.0	413.7	120,000*										115
120	60.8	407.5	105,300*	63.4	411.2	117,300*										120
125	59.1	404.6	102,300*	61.7	408.5	114,500*	67.9	415.1	128,400*							125
130	57.4	401.4	99,300*	60.1	405.6	111,600*	66.4	412.9	122,600*							130
135	55.7	398.0	96,300*	58.4	402.5	108,600*	64.8	410.6	117,300*							135
140	53.9	394.3	93,400*	56.7	399.3	105,600*	63.2	408.0	112,400*							140
145	52.1	390.4	90,500*	54.9	395.7	102,600*	61.5	405.3	107,700*							145
150	50.3	386.3	87,700*	53.1	392.0	99,600*	59.9	402.4	103,400*							150
155	48.3	381.9	84,900*	51.3	388.0	96,600*	58.2	399.3	99,300*							155
160	46.4	377.1	82,200*	49.4	383.8	93,600*	56.5	396.0	95,500*	62.9	403.1	86,000*				160
165	44.3	372.0	79,600*	47.5	379.2	90,600*	54.7	392.5	92,000*	61.2	400.3	82,700*				165
170	42.2	366.6	77,200*	45.5	374.3	87,800*	52.9	388.7	88,600*	59.6	397.4	79,600*				170
175	40.0	360.7	74,700*	43.4	369.1	85,100*	51.1	384.7	85,400*	57.9	394.2	76,700*				175
180	37.7	354.3	72,500*	41.3	363.4	82,500*	49.2	380.4	82,400*	56.2	390.9	73,900*				180
185	35.2	347.3	70,400*	39.0	357.3	79,900*	47.3	375.8	79,500*	54.4	387.3	71,300*				185
190	32.6	339.6	68,400*	36.6	350.6	77,400*	45.2	370.9	76,800*	52.6	383.5	68,800*				190
195	29.7	331.1	64,000*	34.1	343.4	72,600*	43.2	365.6	74,200*	50.7	379.4	66,400*	57.4	387.2	58,000*	195
200	26.6	321.4	61,600*	31.4	335.3	67,800*	41.0	359.9	71,700*	48.8	375.1	64,100*	55.7	383.8	55,800*	200
205	23.1	310.2	59,300*	28.4	326.3	63,200*	38.7	353.7	69,400*	46.9	370.4	62,000*	53.9	380.1	53,700*	205
210	19.0	296.6	54,100*	25.1	316.1	58,500*	36.3	347.0	67,100*	44.9	365.4	59,900*	52.1	376.3	51,700*	210
215	13.6	278.5	48,100*	21.4	304.0	58,300*	33.8	339.6	64,900*	42.8	360.1	58,000*	50.2	372.1	49,700*	215
220				16.8	288.8	52,900*	31.0	331.5	62,900*	40.6	354.3	56,100*	48.3	367.7	47,900*	220
225				10.3	266.7	46,300*	28.0	322.4	60,900*	38.3	348.0	54,300*	46.3	362.9	46,100*	225
230							24.7	311.9	58,900*	35.9	341.2	52,500*	44.3	357.8	44,400*	230
235							20.9	299.5	56,000*	33.3	333.7	50,900*	42.2	352.4	42,800*	235
240							16.2	283.8	55,200*	30.5	325.4	49,200*	39.9	346.4	41,200*	240
245							9.2	260.0	48,400*	27.5	316.0	47,500*	37.6	340.0	39,700*	245
250										24.1	305.3	45,900*	35.2	333.0	38,200*	250
255										20.1	292.4	44,200*	32.5	325.3	36,800*	255
260										15.2	275.9	42,600*	29.7	316.8	35,400*	260
265										7.1	248.4	40,900*	26.6	307.1	34,100*	265
270													23.0	295.8	32,800*	270
275													18.9	282.2	31,500*	275
280													13.4	263.9	30,100*	280

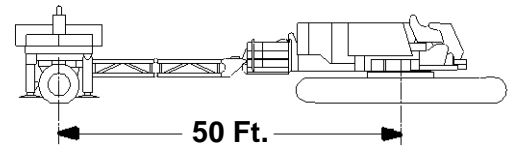


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 220 Ft. Boom, 210 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
80	74.2	435.6	119,600*													80	
85	72.7	434.0	117,700*													85	
90	71.3	432.3	115,700*													90	
95	69.8	430.5	113,500*	72.1	432.7	122,100*										95	
100	68.4	428.5	111,200*	70.7	430.9	120,400*										100	
105	66.9	426.4	108,800*	69.2	429.0	118,500*										105	
110	65.4	424.1	106,200*	67.7	427.0	116,500*										110	
115	63.9	421.6	103,600*	66.2	424.7	114,300*										115	
120	62.3	419.0	100,900*	64.7	422.4	111,900*										120	
125	60.8	416.2	98,300*	63.2	419.9	109,500*										125	
130	59.2	413.2	95,600*	61.7	417.2	106,900*	67.6	423.9	122,400*							130	
135	57.6	410.0	92,900*	60.1	414.3	104,300*	66.1	421.7	117,100*							135	
140	55.9	406.7	90,200*	58.5	411.2	101,600*	64.5	419.3	112,100*							140	
145	54.2	403.1	87,500*	56.8	407.9	98,900*	63.0	416.7	107,500*							145	
150	52.5	399.2	84,900*	55.2	404.5	96,200*	61.5	414.0	103,200*							150	
155	50.8	395.2	82,300*	53.5	400.8	93,500*	59.9	411.1	99,100*							155	
160	49.0	390.8	79,800*	51.8	396.8	90,800*	58.3	408.0	95,300*							160	
165	47.1	386.2	77,300*	50.0	392.7	88,100*	56.6	404.7	91,700*	62.7	411.7	82,400*				165	
170	45.2	381.3	75,000*	48.1	388.2	85,400*	55.0	401.2	88,400*	61.2	409.0	79,300*				170	
175	43.2	376.0	72,700*	46.3	383.4	82,800*	53.3	397.5	85,200*	59.6	406.0	76,400*				175	
180	41.1	370.3	70,500*	44.3	378.4	80,300*	51.5	393.5	82,200*	58.0	402.9	73,600*				180	
185	39.0	364.2	68,400*	42.3	372.9	77,900*	49.8	389.3	79,300*	56.3	399.6	71,000*				185	
190	36.7	357.6	66,400*	40.2	367.0	75,500*	47.9	384.8	76,600*	54.7	396.1	68,500*				190	
195	34.3	350.3	64,500*	38.0	360.7	73,300*	46.0	380.0	74,000*	53.0	392.3	66,200*				195	
200	31.8	342.4	62,600*	35.7	353.8	70,400*	44.1	374.9	71,500*	51.2	388.3	63,900*	57.5	395.9	55,400*	200	
205	29.0	333.6	58,300*	33.2	346.3	66,100*	42.1	369.4	69,200*	49.4	384.0	61,800*	55.9	392.5	53,300*	205	
210	26.0	323.6	56,200*	30.6	338.0	61,800*	39.9	363.5	67,000*	47.6	379.5	59,700*	54.2	388.9	51,300*	210	
215	22.5	312.1	54,200*	27.7	328.8	57,600*	37.7	357.1	64,800*	45.7	374.6	57,800*	52.5	385.1	49,400*	215	
220	18.5	298.2	49,400*	24.5	318.2	55,400*	35.4	350.1	62,800*	43.7	369.4	55,900*	50.7	381.0	47,600*	220	
225	13.2	279.6	44,000*	20.9	305.7	53,300*	32.9	342.5	60,800*	41.7	363.8	54,100*	48.9	376.6	45,800*	225	
230				16.4	290.2	48,400*	30.2	334.2	58,900*	39.5	357.8	52,400*	47.1	372.0	44,100*	230	
235				10.1	267.5	42,200*	27.3	324.7	57,100*	37.3	351.4	50,700*	45.1	367.1	42,500*	235	
240							24.1	314.0	55,300*	34.9	344.3	49,100*	43.2	361.8	41,000*	240	
245							20.4	301.3	51,100*	32.4	336.6	47,400*	41.1	356.1	39,400*	245	
250							15.8	285.2	50,600*	29.7	328.0	45,700*	38.9	350.0	38,000*	250	
255								9.0	260.8	44,300*	26.8	318.4	44,100*	36.7	343.3	36,600*	255
260											23.5	307.3	42,600*	34.3	336.1	35,200*	260
265											19.6	294.1	41,100*	31.7	328.1	33,900*	265
270											14.8	277.1	39,500*	28.9	319.3	32,600*	270
275											7.0	248.9	37,900*	25.9	309.3	31,400*	275
280														22.5	297.8	30,100*	280
290														13.1	265.0	27,700*	290

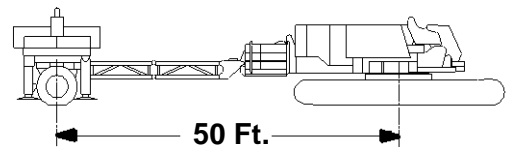


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 220 Ft. Boom, 220 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
80	74.9	446.0	112,700*													80
85	73.5	444.5	111,100*													85
90	72.2	442.9	109,400*													90
95	70.8	441.2	107,500*	73.0	443.2	115,000*										95
100	69.4	439.3	105,500*	71.6	441.5	113,600*										100
105	68.0	437.3	103,400*	70.2	439.7	112,100*										105
110	66.6	435.1	101,200*	68.8	437.8	110,300*										110
115	65.2	432.8	98,900*	67.4	435.7	108,500*										115
120	63.7	430.3	96,500*	66.0	433.5	106,500*										120
125	62.2	427.7	94,100*	64.5	431.1	104,300*										125
130	60.7	424.9	91,700*	63.1	428.5	102,100*										130
135	59.2	421.9	89,300*	61.6	425.8	99,800*	67.2	432.6	116,000*							135
140	57.7	418.7	86,800*	60.1	422.9	97,500*	65.8	430.4	111,100*							140
145	56.1	415.4	84,400*	58.5	419.9	95,100*	64.3	427.9	106,500*							145
150	54.5	411.8	82,000*	57.0	416.6	92,600*	62.9	425.4	102,200*							150
155	52.9	408.0	79,600*	55.4	413.2	90,200*	61.4	422.7	98,100*							155
160	51.2	404.0	77,200*	53.8	409.5	87,700*	59.9	419.8	94,400*							160
165	49.5	399.8	75,000*	52.2	405.7	85,300*	58.4	416.7	90,800*							165
170	47.7	395.2	72,700*	50.5	401.5	82,800*	56.8	413.4	87,400*	62.6	420.4	78,300*				170
175	45.9	390.4	70,600*	48.7	397.2	80,400*	55.2	409.9	84,300*	61.1	417.6	75,400*				175
180	44.1	385.3	68,500*	47.0	392.5	78,000*	53.6	406.3	81,200*	59.6	414.7	72,600*				180
185	42.1	379.8	66,400*	45.1	387.6	75,700*	52.0	402.4	78,400*	58.1	411.6	70,000*				185
190	40.1	373.9	64,400*	43.2	382.3	73,500*	50.3	398.2	75,700*	56.5	408.3	67,500*				190
195	38.0	367.6	62,600*	41.3	376.6	71,400*	48.5	393.8	73,100*	54.9	404.8	65,200*				195
200	35.8	360.8	60,900*	39.2	370.6	69,300*	46.7	389.1	70,700*	53.3	401.1	62,900*				200
205	33.5	353.3	59,200*	37.1	364.0	67,200*	44.9	384.1	68,300*	51.6	397.1	60,800*	57.6	404.5	51,900*	205
210	31.0	345.1	56,000*	34.8	356.9	63,200*	43.0	378.8	66,100*	49.9	392.9	58,800*	56.1	401.2	49,900*	210
215	28.3	336.1	52,100*	32.4	349.2	59,200*	41.0	373.1	64,000*	48.2	388.5	56,800*	54.5	397.6	48,000*	215
220	25.3	325.9	50,300*	29.8	340.7	55,400*	39.0	367.0	61,900*	46.4	383.7	55,000*	52.8	393.8	46,200*	220
225	22.0	314.0	48,500*	27.0	331.1	51,500*	36.8	360.4	60,000*	44.6	378.7	53,200*	51.2	389.8	44,400*	225
230	18.0	299.7	44,100*	23.9	320.3	49,600*	34.5	353.2	58,100*	42.6	373.3	51,400*	49.5	385.6	42,700*	230
235	12.9	280.6	39,000*	20.3	307.5	47,700*	32.1	345.4	56,300*	40.7	367.5	49,600*	47.7	381.0	41,100*	235
240				16.0	291.5	43,100*	29.5	336.7	54,600*	38.6	361.3	47,900*	45.9	376.2	39,600*	240
245				9.8	268.3	37,500*	26.7	327.1	52,900*	36.4	354.6	46,200*	44.0	371.1	38,100*	245
250							23.5	316.0	49,700*	34.1	347.3	44,600*	42.1	365.6	36,700*	250
255							19.9	303.0	49,600*	31.7	339.4	43,000*	40.1	359.7	35,300*	255
260							15.4	286.5	45,300*	29.0	330.6	41,500*	38.0	353.4	34,000*	260
265							8.7	261.5	39,500*	26.1	320.7	40,000*	35.8	346.5	32,700*	265
270										22.9	309.3	38,600*	33.4	339.1	31,400*	270
275										19.1	295.7	37,200*	30.9	330.9	30,200*	275
280										14.4	278.3	35,700*	28.2	321.8	29,000*	280
290													21.9	299.7	26,700*	290
300													12.8	266.1	24,400*	300

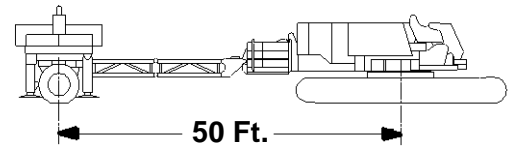


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 220 Ft. Boom, 230 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	74.3	455.0	104,900*													85
90	73.0	453.4	103,400*													90
95	71.7	451.8	101,800*													95
100	70.3	450.0	100,000*	72.4	452.1	107,200*										100
105	69.0	448.1	98,200*	71.1	450.4	105,900*										105
110	67.7	446.0	96,300*	69.8	448.5	104,400*										110
115	66.3	443.8	94,200*	68.4	446.5	102,900*										115
120	64.9	441.5	92,200*	67.1	444.4	101,100*										120
125	63.5	439.0	90,000*	65.7	442.2	99,300*										125
130	62.1	436.3	87,900*	64.3	439.7	97,400*										130
135	60.7	433.5	85,700*	62.9	437.2	95,400*										135
140	59.3	430.5	83,500*	61.5	434.5	93,300*	66.9	441.3	110,300*							140
145	57.8	427.4	81,300*	60.1	431.6	91,200*	65.5	439.1	105,700*							145
150	56.3	424.1	79,100*	58.6	428.5	89,000*	64.2	436.6	101,400*							150
155	54.8	420.5	76,900*	57.1	425.3	86,800*	62.8	434.1	97,400*							155
160	53.2	416.8	74,700*	55.6	421.9	84,600*	61.3	431.3	93,600*							160
165	51.6	412.9	72,600*	54.1	418.3	82,400*	59.9	428.4	90,100*							165
170	50.0	408.7	70,500*	52.5	414.5	80,200*	58.4	425.3	86,700*							170
175	48.3	404.2	68,400*	50.9	410.4	77,900*	56.9	422.1	83,600*	62.5	429.1	74,600*				175
180	46.6	399.5	66,500*	49.3	406.1	75,800*	55.4	418.7	80,600*	61.1	426.3	71,800*				180
185	44.9	394.5	64,500*	47.6	401.6	73,600*	53.9	415.0	77,700*	59.6	423.4	69,200*				185
190	43.0	389.2	62,700*	45.9	396.7	71,500*	52.3	411.2	75,000*	58.2	420.3	66,800*				190
195	41.2	383.5	60,900*	44.1	391.6	69,400*	50.7	407.1	72,500*	56.7	417.0	64,400*				195
200	39.2	377.5	59,100*	42.2	386.1	67,500*	49.1	402.8	70,000*	55.2	413.5	62,200*				200
205	37.1	370.9	57,500*	40.3	380.3	65,500*	47.4	398.2	67,700*	53.6	409.8	60,100*				205
210	35.0	363.9	55,900*	38.3	374.0	63,700*	45.6	393.3	65,500*	52.0	405.9	58,000*	57.8	413.2	48,800*	210
215	32.7	356.2	54,100*	36.2	367.3	60,800*	43.8	388.1	63,400*	50.4	401.8	56,100*	56.3	409.9	46,900*	215
220	30.3	347.8	50,500*	34.0	360.0	57,100*	42.0	382.6	61,300*	48.8	397.4	54,200*	54.7	406.4	45,100*	220
225	27.6	338.5	47,000*	31.7	352.0	53,500*	40.1	376.7	59,400*	47.1	392.8	52,400*	53.2	402.6	43,400*	225
230	24.7	328.0	45,400*	29.2	343.2	50,000*	38.1	370.4	57,500*	45.3	387.9	50,500*	51.6	398.7	41,700*	230
235	21.5	315.9	43,800*	26.4	333.4	46,500*	36.0	363.6	55,700*	43.5	382.6	48,700*	50.0	394.5	40,100*	235
240	17.6	301.2	39,700*	23.4	322.3	44,800*	33.7	356.2	54,000*	41.6	377.1	47,000*	48.3	390.0	38,600*	240
245	12.6	281.7	35,100*	19.9	309.2	43,200*	31.4	348.2	52,300*	39.7	371.1	45,300*	46.6	385.3	37,100*	245
250				15.6	292.9	38,900*	28.8	339.3	50,700*	37.7	364.7	43,700*	44.8	380.3	35,700*	250
255				9.6	269.1	33,600*	26.1	329.3	48,500*	35.6	357.8	42,200*	43.0	375.0	34,300*	255
260							23.0	318.0	45,000*	33.3	350.3	40,700*	41.1	369.3	33,000*	260
265							19.4	304.6	43,000*	30.9	342.1	39,200*	39.2	363.2	31,700*	265
270							15.0	287.7	41,000*	28.3	333.0	37,800*	37.1	356.7	30,500*	270
275							8.5	262.1	35,600*	25.5	322.9	36,400*	34.9	349.6	29,300*	275
280										22.4	311.2	35,100*	32.7	341.9	28,100*	280
290										14.1	279.5	32,500*	27.6	324.2	25,900*	290
300													21.4	301.5	23,700*	300
310													12.5	267.1	21,600*	310



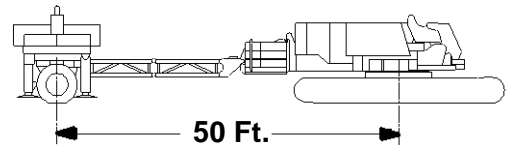


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 44 On  
Boom No. 79 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
240,000 Lb. Wheeled Counterweight  
at 50 Ft. Position  
360 Degree Rating

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



## 220 Ft. Boom, 240 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 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	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
85	75.0	465.4	98,700*													85
90	73.7	463.9	97,500*													90
95	72.5	462.3	96,100*													95
100	71.2	460.6	94,600*													100
105	69.9	458.8	93,000*	71.9	461.0	99,800*										105
110	68.6	456.8	91,300*	70.6	459.2	98,600*										110
115	67.4	454.7	89,600*	69.4	457.3	97,300*										115
120	66.0	452.5	87,700*	68.1	455.3	95,800*										120
125	64.7	450.2	85,900*	66.8	453.1	94,200*										125
130	63.4	447.6	83,900*	65.5	450.9	92,600*										130
135	62.0	445.0	82,000*	64.1	448.4	90,900*										135
140	60.7	442.2	80,000*	62.8	445.9	89,000*	67.9	452.2	104,300*							140
145	59.3	439.2	78,000*	61.4	443.1	87,200*	66.6	450.1	103,700*							145
150	57.9	436.1	76,000*	60.1	440.3	85,300*	65.3	447.8	100,500*							150
155	56.4	432.8	74,000*	58.7	437.2	83,300*	64.0	445.3	96,400*							155
160	55.0	429.3	72,000*	57.3	434.0	81,300*	62.6	442.7	92,700*							160
165	53.5	425.6	70,000*	55.8	430.6	79,300*	61.3	440.0	89,100*							165
170	52.0	421.7	68,100*	54.3	427.0	77,300*	59.9	437.1	85,800*							170
175	50.4	417.5	66,200*	52.8	423.2	75,300*	58.5	434.0	82,600*							175
180	48.9	413.2	64,300*	51.3	419.2	73,300*	57.1	430.8	79,600*	62.4	437.7	70,800*				180
185	47.2	408.6	62,500*	49.8	415.0	71,300*	55.6	427.4	76,800*	61.0	435.0	68,200*				185
190	45.6	403.7	60,800*	48.2	410.6	69,300*	54.2	423.8	74,100*	59.6	432.0	65,800*				190
195	43.8	398.5	59,000*	46.5	405.8	67,400*	52.7	419.9	71,600*	58.2	428.9	63,400*				195
200	42.1	393.0	57,400*	44.8	400.8	65,500*	51.1	415.9	69,100*	56.8	425.7	61,200*				200
205	40.2	387.2	55,700*	43.1	395.5	63,700*	49.6	411.7	66,800*	55.4	422.2	59,100*				205
210	38.3	380.9	54,200*	41.3	389.9	61,900*	48.0	407.2	64,600*	53.9	418.6	57,100*				210
215	36.3	374.2	52,800*	39.4	383.8	60,200*	46.3	402.4	62,500*	52.4	414.7	55,000*	57.8	421.9	45,500*	215
220	34.2	366.9	51,400*	37.5	377.4	58,200*	44.6	397.4	60,500*	50.8	410.7	53,000*	56.4	418.6	43,700*	220
225	32.0	359.0	48,700*	35.4	370.4	54,800*	42.9	392.0	58,600*	49.3	406.4	51,100*	55.0	415.1	42,000*	225
230	29.6	350.4	45,400*	33.3	362.9	51,500*	41.1	386.3	56,700*	47.7	401.8	49,200*	53.5	411.4	40,300*	230
235	27.0	340.9	42,200*	31.0	354.7	48,200*	39.2	380.3	54,900*	46.0	397.0	47,500*	52.0	407.5	38,700*	235
240	24.2	330.1	40,700*	28.5	345.7	45,000*	37.2	373.7	53,200*	44.3	391.9	45,800*	50.4	403.4	37,200*	240
245	21.0	317.7	39,300*	25.8	335.7	41,700*	35.2	366.7	51,600*	42.5	386.5	44,100*	48.8	399.0	35,800*	245
250	17.2	302.7	35,600*	22.9	324.3	40,200*	33.0	359.1	50,000*	40.7	380.8	42,500*	47.2	394.4	34,400*	250
255	12.3	282.7	31,200*	19.4	310.9	38,800*	30.7	350.9	48,400*	38.8	374.6	41,000*	45.5	389.5	33,000*	255
260				15.3	294.2	34,800*	28.2	341.8	46,900*	36.8	368.0	39,500*	43.8	384.3	31,700*	260
265				9.4	269.8	29,900*	25.5	331.6	43,700*	34.8	360.9	38,100*	42.0	378.8	30,400*	265
270							22.5	320.0	40,400*	32.6	353.2	36,700*	40.2	372.9	29,200*	270
275							19.0	306.2	38,600*	30.2	344.8	35,300*	38.3	366.7	28,000*	275
280							14.7	289.0	36,900*	27.7	335.5	34,000*	36.3	359.9	26,900*	280
290										21.9	313.1	31,500*	31.9	344.8	24,700*	290
300										13.8	280.6	29,000*	27.0	326.6	22,600*	300
310													20.9	303.3	20,600*	310
320													12.2	268.1	18,600*	320