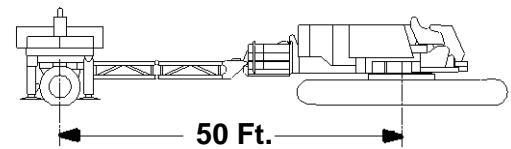


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

**Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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 7,800 Lb. minimum block weight suspended beneath luffing jib point.

**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.

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.

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

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

**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, 10 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays, 169,200 Lb. crane counterweight, two 30,000 Lb. carbody counterweights and 240,000 Lb. wheeled counterweight.

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.

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

**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 220 Ft. minimum boom length. Refer to luffing jib assembly **No. 195517**, Wire Rope Specification chart **No. 8283-A**, Counterweight Arrangement chart **No. 8412-A** and Luffing Jib Raising Procedure chart **No. 8285-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. 8284-A**.

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

<b>Boom Catwalks Deduct</b>
Deduct 500 Lbs. from capacities when boom catwalks are attached.

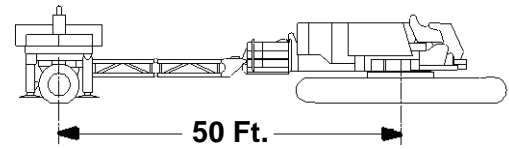


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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

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### 200 Ft. Boom, 70 Ft. Jib

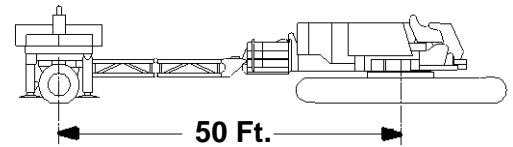
Jib Oper. Rad. Feet	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	69.3	276.6	193,000*b													50
55	64.9	274.4	173,400*b													55
60	60.2	271.6	147,100*b	66.7	274.5	186,700*b										60
65	55.3	268.4	127,400*b	62.1	272.0	156,700*b										65
70	50.1	264.4	112,200*b	57.3	269.0	134,700*b	67.1	273.1	190,100*b							70
75	44.4	259.6	100,000*	52.2	265.3	117,900*	62.5	270.6	159,200*b							75
80	38.1	253.7	90,000*	46.8	260.9	104,600*	57.8	267.6	136,600*b							80
85	30.6	246.1	81,700*	40.7	255.5	93,800*	52.7	264.0	119,300*b							85
90	20.8	235.2	74,600*	33.8	248.6	84,900*	47.3	259.7	105,700*							90
95				25.2	239.4	77,300*	41.3	254.4	94,700*	59.9	265.1	145,800*b				95
100				11.4	223.3	70,900*	34.5	247.7	85,600*	55.0	261.8	126,400*b				100
105							26.1	238.8	78,000*	49.7	257.8	111,400*				105
110							13.3	224.0	71,500*	44.0	252.9	99,300*				110
115										37.6	246.9	89,500*	56.8	257.6	132,800*b	115
120										30.1	239.2	81,200*	51.7	253.9	116,400*b	120
125										20.0	227.9	74,300*	46.1	249.4	103,400*	125
130													40.0	243.8	92,800*	130
135													33.0	236.8	84,100*	135
140													24.1	227.2	76,700*	140
145													8.5	208.8	70,300*	145

# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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  
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ANSI B30.5



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

Jib Oper. Rad. Feet	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	72.0	287.2	176,300*b													50
55	68.2	285.3	167,300*b													55
60	64.3	283.0	148,900*b	69.8	285.4	171,600*b										60
65	60.2	280.3	128,800*b	65.9	283.2	158,800*b										65
70	55.9	277.1	113,200*b	61.8	280.7	136,300*b										70
75	51.4	273.3	100,800*	57.7	277.7	119,100*	66.2	281.8	161,200*b							75
80	46.6	268.8	90,700*	53.3	274.1	105,500*	62.2	279.3	138,100*b							80
85	41.4	263.4	82,200*	48.6	269.9	94,500*	58.1	276.3	120,500*b							85
90	35.5	256.9	75,100*	43.5	264.9	85,500*	53.7	272.8	106,700*							90
95	28.5	248.6	69,000*	37.9	258.9	77,800*	49.0	268.7	95,500*							95
100	19.4	236.9	63,600*	31.5	251.5	71,300*	44.0	263.8	86,300*	59.9	273.8	127,800*b				100
105				23.5	241.5	65,700*	38.5	257.9	78,500*	55.6	270.5	112,500*				105
110				10.6	224.1	60,700*	32.1	250.6	71,900*	51.1	266.7	100,200*				110
115							24.3	240.9	66,200*	46.3	262.1	90,200*				115
120							12.4	225.0	61,200*	41.0	256.7	81,800*	57.2	266.3	117,600*b	120
125										35.1	250.1	74,700*	52.8	262.7	104,300*	125
130										28.0	241.6	68,700*	48.1	258.4	93,600*	130
135										18.6	229.5	63,400*	43.0	253.3	84,700*	135
140													37.3	247.2	77,200*	140
145													30.7	239.5	70,800*	145
150													22.5	229.1	65,200*	150
155													7.8	209.4	60,300*	155

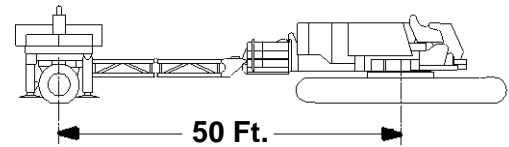


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
 Boom No. 79-44 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  
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 In The Scope of  
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## 200 Ft. Boom, 90 Ft. Jib

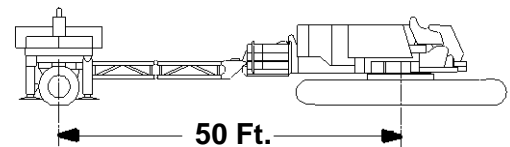
Jib Oper. Rad. Feet	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	70.7	296.1	154,600*b													55
60	67.3	294.1	147,300*b													60
65	63.8	291.7	129,300*b	68.7	294.1	150,900*b										65
70	60.2	289.0	113,600*	65.2	291.9	136,900*										70
75	56.4	285.8	101,100*	61.6	289.3	119,600*										75
80	52.4	282.1	90,900*	57.9	286.3	105,900*	65.6	290.5	138,700*b							80
85	48.2	277.8	82,400*	54.1	282.9	94,800*	62.0	288.0	121,000*b							85
90	43.8	272.8	75,200*	50.0	278.8	85,700*	58.3	285.0	107,100*							90
95	38.9	267.0	69,100*	45.6	274.2	78,000*	54.4	281.6	95,800*							95
100	33.3	259.9	63,700*	40.9	268.7	71,500*	50.4	277.6	86,500*							100
105	26.8	251.0	59,100*	35.7	262.2	65,800*	46.0	273.0	78,700*	59.9	282.4	112,900*				105
110	18.2	238.4	54,900*	29.6	254.1	60,900*	41.3	267.6	72,100*	56.1	279.2	100,500*				110
115				22.1	243.4	56,500*	36.2	261.2	66,300*	52.2	275.5	90,400*				115
120				9.9	224.9	52,600*	30.2	253.3	61,300*	48.0	271.2	82,000*				120
125							22.9	242.9	56,900*	43.5	266.1	74,900*	57.5	275.0	104,700*	125
130							11.6	226.0	53,000*	38.5	260.2	68,800*	53.6	271.5	93,900*	130
135										33.0	253.1	63,500*	49.5	267.4	84,900*	135
140										26.4	244.0	58,800*	45.1	262.6	77,300*	140
145										17.5	231.0	54,700*	40.3	257.1	70,900*	145
150													35.0	250.4	65,300*	150
155													28.9	242.1	60,500*	155
160													21.1	231.0	56,200*	160
165													7.3	210.0	52,300*	165

# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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  
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ANSI B30.5



### 200 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	72.7	306.7	141,800*b													55
60	69.7	304.9	135,400*b													60
65	66.6	302.8	129,200*b	70.9	304.8	138,400*b										65
70	63.4	300.4	114,400*	67.9	302.9	132,300*										70
75	60.1	297.6	101,700*	64.7	300.6	120,400*										75
80	56.8	294.5	91,300*	61.5	298.0	106,500*										80
85	53.2	290.9	82,700*	58.1	295.0	95,300*	65.0	299.2	121,900*							85
90	49.5	286.8	75,400*	54.7	291.6	86,000*	61.8	296.6	107,700*							90
95	45.6	282.1	69,200*	51.0	287.7	78,200*	58.5	293.7	96,300*							95
100	41.4	276.7	63,800*	47.2	283.3	71,600*	55.0	290.3	86,800*							100
105	36.7	270.3	59,000*	43.1	278.2	65,900*	51.4	286.4	78,900*							105
110	31.5	262.8	54,900*	38.7	272.2	60,900*	47.6	282.1	72,200*	59.9	291.1	101,100*				110
115	25.4	253.2	51,200*	33.7	265.2	56,500*	43.5	277.0	66,400*	56.5	287.9	90,800*				115
120	17.2	239.9	47,800*	28.0	256.6	52,600*	39.1	271.2	61,300*	53.0	284.3	82,300*				120
125				20.9	245.2	49,100*	34.2	264.3	56,900*	49.3	280.1	75,100*				125
130				9.3	225.7	46,000*	28.6	255.8	53,000*	45.3	275.4	68,900*	57.8	283.7	94,300*	130
135							21.7	244.8	49,500*	41.1	269.9	63,500*	54.3	280.2	85,200*	135
140							11.0	226.9	46,300*	36.4	263.5	58,800*	50.6	276.3	77,600*	140
145										31.2	255.9	54,700*	46.8	271.8	71,000*	145
150										24.9	246.2	51,000*	42.6	266.6	65,400*	150
155										16.6	232.4	47,700*	38.2	260.5	60,500*	155
160													33.2	253.4	56,200*	160
165													27.3	244.5	52,300*	165
170													20.0	232.7	48,900*	170
175													6.9	210.5	45,700*	175

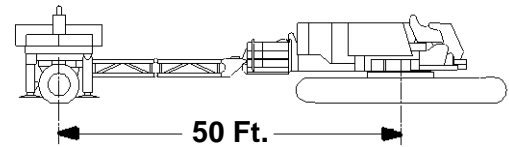


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
 Boom No. 79-44 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

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## 200 Ft. Boom, 110 Ft. Jib

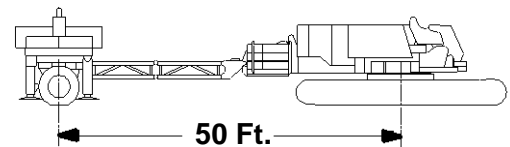
Jib Oper. Rad. Feet	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	71.6	315.5	129,400*b													60
65	68.8	313.7	124,400*b													65
70	66.0	311.5	117,000*	70.0	313.7	126,800*										70
75	63.1	309.1	104,000*	67.2	311.6	122,000*										75
80	60.1	306.3	93,300*	64.3	309.3	108,900*										80
85	57.1	303.1	84,500*	61.3	306.7	97,400*	67.4	310.2	122,600*							85
90	53.9	299.6	77,000*	58.3	303.7	87,900*	64.6	307.9	110,100*							90
95	50.5	295.6	70,700*	55.2	300.3	79,900*	61.6	305.3	98,400*							95
100	47.0	291.2	65,100*	51.9	296.5	73,100*	58.6	302.3	88,700*							100
105	43.3	286.1	60,300*	48.5	292.3	67,300*	55.5	299.0	80,600*							105
110	39.3	280.3	56,100*	44.9	287.4	62,200*	52.2	295.3	73,700*	62.9	302.5	103,300*				110
115	35.0	273.5	52,300*	41.0	281.9	57,700*	48.8	291.0	67,800*	59.9	299.7	92,800*				115
120	30.0	265.4	48,900*	36.8	275.6	53,800*	45.2	286.3	62,700*	56.9	296.6	84,100*				120
125	24.2	255.4	45,800*	32.1	268.1	50,200*	41.4	280.8	58,100*	53.7	293.0	76,700*				125
130	16.4	241.3	43,000*	26.7	259.0	47,000*	37.2	274.6	54,100*	50.3	289.0	70,300*				130
135				19.9	246.9	44,100*	32.5	267.2	50,500*	46.8	284.5	64,900*	58.0	292.3	87,000*	135
140				8.9	226.4	41,500*	27.2	258.3	47,300*	43.1	279.4	60,100*	54.8	288.9	79,200*	140
145							20.6	246.6	44,400*	39.1	273.5	55,800*	51.5	285.1	72,500*	145
150							10.4	227.7	41,800*	34.7	266.7	52,100*	48.1	280.8	66,800*	150
155										29.7	258.5	48,700*	44.5	275.9	61,800*	155
160										23.7	248.3	45,700*	40.5	270.3	57,300*	160
165										15.8	233.8	42,900*	36.3	263.8	53,400*	165
170													31.5	256.2	49,900*	170
175													26.0	246.8	46,800*	175
180													19.0	234.4	43,900*	180
185													6.6	211.0	41,300*	185

# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	70.7	324.4	114,700*													65
70	68.1	322.4	110,300*													70
75	65.5	320.2	104,600*	69.2	322.4	112,500*										75
80	62.9	317.7	93,800*	66.6	320.4	108,300*										80
85	60.1	314.9	84,800*	63.9	318.0	97,900*										85
90	57.3	311.8	77,200*	61.2	315.3	88,200*	66.8	318.9	108,900*							90
95	54.4	308.4	70,700*	58.5	312.3	80,100*	64.2	316.6	98,900*							95
100	51.4	304.5	65,100*	55.6	309.0	73,200*	61.5	313.9	89,100*							100
105	48.2	300.2	60,200*	52.6	305.3	67,300*	58.7	311.0	80,800*							105
110	44.9	295.3	55,900*	49.5	301.2	62,100*	55.9	307.7	73,800*							110
115	41.4	289.9	52,100*	46.3	296.6	57,600*	52.9	304.0	67,800*	62.7	311.2	93,200*				115
120	37.6	283.7	48,700*	42.8	291.4	53,600*	49.8	300.0	62,600*	59.9	308.4	84,300*				120
125	33.4	276.5	45,600*	39.1	285.5	50,000*	46.6	295.4	58,000*	57.1	305.3	76,800*				125
130	28.7	268.0	42,800*	35.1	278.7	46,800*	43.2	290.3	54,000*	54.2	301.8	70,400*				130
135	23.1	257.4	40,300*	30.7	270.8	43,900*	39.5	284.4	50,300*	51.2	297.9	64,800*				135
140	15.7	242.7	37,900*	25.5	261.2	41,300*	35.5	277.8	47,100*	48.0	293.5	60,000*				140
145				19.0	248.6	38,900*	31.1	270.0	44,200*	44.7	288.7	55,700*	55.3	297.7	72,600*	145
150				8.5	227.1	36,600*	26.0	260.6	41,500*	41.1	283.2	51,900*	52.3	293.9	66,800*	150
155							19.7	248.3	39,100*	37.3	276.9	48,500*	49.2	289.7	61,700*	155
160							9.9	228.6	36,900*	33.1	269.7	45,500*	45.9	285.1	57,200*	160
165										28.4	261.0	42,700*	42.4	279.8	53,300*	165
170										22.7	250.3	40,200*	38.7	273.8	49,700*	170
175										15.0	235.1	37,900*	34.7	267.0	46,600*	175
180													30.1	258.9	43,700*	180
185													24.9	249.0	41,100*	185
190													18.2	235.9	38,700*	190
195													6.2	211.5	36,500*	195

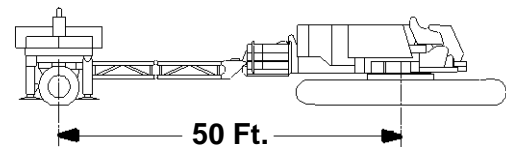


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	72.2	334.9	107,600*													65
70	69.9	333.2	103,700*													70
75	67.5	331.2	100,000*	70.8	333.1	105,500*										75
80	65.1	328.9	93,700*	68.5	331.2	101,900*										80
85	62.6	326.4	84,700*	66.1	329.1	97,800*										85
90	60.1	323.6	77,100*	63.6	326.7	88,100*										90
95	57.5	320.5	70,600*	61.1	324.0	80,000*	66.3	327.6	98,700*							95
100	54.9	317.1	65,000*	58.6	321.0	73,100*	63.9	325.3	89,000*							100
105	52.1	313.3	60,100*	55.9	317.7	67,200*	61.4	322.6	80,700*							105
110	49.2	309.1	55,800*	53.2	314.1	62,000*	58.8	319.7	73,700*							110
115	46.2	304.5	51,900*	50.4	310.1	57,500*	56.2	316.4	67,700*							115
120	43.0	299.3	48,500*	47.4	305.6	53,400*	53.5	312.8	62,500*	62.5	319.9	84,200*				120
125	39.7	293.5	45,400*	44.3	300.7	49,900*	50.7	308.8	57,900*	59.9	317.1	76,700*				125
130	36.0	286.9	42,600*	41.1	295.2	46,600*	47.7	304.4	53,800*	57.4	313.9	70,300*				130
135	32.0	279.4	40,100*	37.5	288.9	43,700*	44.6	299.5	50,200*	54.7	310.5	64,700*				135
140	27.5	270.4	37,800*	33.7	281.8	41,100*	41.4	294.1	46,900*	51.9	306.7	59,800*				140
145	22.1	259.3	35,700*	29.4	273.5	38,700*	37.9	287.9	44,000*	49.0	302.5	55,600*				145
150	15.0	244.0	33,700*	24.4	263.4	36,500*	34.1	280.9	41,400*	46.0	297.8	51,800*	55.6	306.4	66,700*	150
155				18.2	250.2	34,500*	29.8	272.7	38,900*	42.8	292.6	48,400*	52.9	302.7	61,600*	155
160				8.1	227.8	32,600*	24.9	262.8	36,700*	39.4	286.8	45,300*	50.1	298.6	57,100*	160
165							18.9	250.0	34,700*	35.8	280.1	42,500*	47.1	294.1	53,100*	165
170							9.5	229.4	32,800*	31.8	272.5	40,000*	44.0	289.1	49,600*	170
175										27.2	263.4	37,700*	40.7	283.5	46,400*	175
180										21.8	252.2	35,600*	37.1	277.2	43,500*	180
185										14.4	236.3	33,600*	33.2	270.0	40,900*	185
190													28.9	261.5	38,500*	190
195													23.8	251.1	36,400*	195
200													17.4	237.4	34,300*	200
205													6.0	212.0	32,400*	205



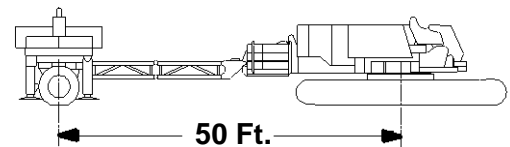


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	71.4	343.8	97,100*													70
75	69.2	342.0	93,600*													75
80	67.0	339.9	90,300*	70.1	341.9	95,300*										80
85	64.7	337.6	84,200*	67.9	340.0	92,000*										85
90	62.4	335.1	76,600*	65.7	337.8	87,700*										90
95	60.1	332.3	70,100*	63.4	335.3	79,600*										95
100	57.7	329.2	64,500*	61.1	332.6	72,700*	65.9	336.4	88,600*							100
105	55.2	325.8	59,600*	58.7	329.7	66,700*	63.6	333.9	80,300*							105
110	52.7	322.1	55,300*	56.2	326.4	61,500*	61.3	331.3	73,300*							110
115	50.0	318.0	51,500*	53.7	322.8	57,000*	58.9	328.3	67,200*							115
120	47.3	313.5	48,000*	51.1	318.9	53,000*	56.5	325.1	62,000*							120
125	44.4	308.6	44,900*	48.4	314.6	49,400*	54.0	321.6	57,400*	62.3	328.5	76,300*				125
130	41.4	303.1	42,200*	45.6	309.9	46,200*	51.4	317.7	53,300*	60.0	325.7	69,800*				130
135	38.1	297.0	39,600*	42.6	304.6	43,300*	48.7	313.4	49,700*	57.5	322.6	64,300*				135
140	34.7	290.1	37,300*	39.5	298.8	40,600*	45.9	308.7	46,500*	55.1	319.2	59,400*				140
145	30.8	282.1	35,200*	36.1	292.2	38,200*	42.9	303.5	43,500*	52.5	315.5	55,100*				145
150	26.5	272.8	33,200*	32.4	284.7	36,000*	39.8	297.7	40,900*	49.9	311.4	51,300*				150
155	21.3	261.2	31,400*	28.3	276.0	34,000*	36.4	291.2	38,500*	47.1	306.9	47,900*	56.0	315.1	61,100*	155
160	14.4	245.2	29,700*	23.5	265.4	32,200*	32.8	283.8	36,300*	44.2	301.9	44,800*	53.4	311.5	56,600*	160
165				17.5	251.7	30,400*	28.7	275.2	34,200*	41.2	296.4	42,000*	50.8	307.5	52,600*	165
170				7.8	228.5	28,800*	24.0	264.9	32,300*	37.9	290.2	39,500*	48.1	303.1	49,100*	170
175							18.2	251.5	30,600*	34.4	283.3	37,200*	45.3	298.3	45,900*	175
180							9.2	230.1	29,000*	30.6	275.2	35,100*	42.3	293.0	43,000*	180
185										26.2	265.8	33,200*	39.1	287.1	40,400*	185
190										20.9	254.0	31,400*	35.7	280.4	38,100*	190
195										13.9	237.5	29,700*	32.0	272.8	35,900*	195
200													27.8	264.0	33,900*	200
205													22.9	253.2	32,000*	205
210													16.8	238.9	30,300*	210
215													5.7	212.5	28,700*	215

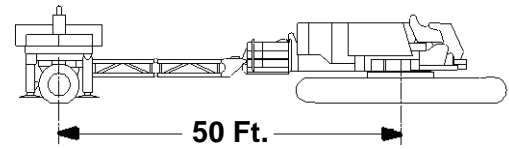


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	72.7	354.3	92,700*													70
75	70.7	352.6	89,800*													75
80	68.6	350.7	86,900*													80
85	66.5	348.6	84,100*	69.4	350.7	88,300*										85
90	64.4	346.3	77,400*	67.4	348.7	85,600*										90
95	62.3	343.7	70,800*	65.3	346.5	80,400*										95
100	60.1	340.9	65,100*	63.2	344.0	73,300*	67.6	347.3	85,700*							100
105	57.9	337.9	60,100*	61.0	341.3	67,300*	65.5	345.1	81,100*							105
110	55.6	334.5	55,700*	58.8	338.3	62,100*	63.4	342.6	74,000*							110
115	53.2	330.9	51,900*	56.5	335.1	57,500*	61.2	339.9	67,800*							115
120	50.8	326.9	48,400*	54.2	331.6	53,400*	59.0	337.0	62,500*							120
125	48.2	322.5	45,300*	51.7	327.7	49,700*	56.7	333.8	57,900*							125
130	45.6	317.8	42,400*	49.3	323.6	46,500*	54.4	330.3	53,700*	62.1	337.2	70,500*				130
135	42.8	312.5	39,900*	46.7	319.0	43,600*	52.0	326.5	50,100*	60.0	334.4	64,800*				135
140	39.9	306.8	37,500*	44.0	313.9	40,900*	49.5	322.3	46,800*	57.7	331.3	59,900*				140
145	36.8	300.3	35,400*	41.1	308.4	38,500*	46.9	317.8	43,800*	55.4	327.9	55,500*				145
150	33.4	293.1	33,400*	38.1	302.2	36,200*	44.2	312.8	41,100*	53.0	324.3	51,700*				150
155	29.7	284.8	31,600*	34.8	295.3	34,200*	41.4	307.3	38,700*	50.6	320.3	48,200*				155
160	25.5	275.0	29,900*	31.3	287.5	32,300*	38.4	301.2	36,500*	48.1	315.9	45,100*	56.2	323.8	57,000*	160
165	20.6	263.0	28,300*	27.3	278.4	30,600*	35.1	294.4	34,400*	45.4	311.1	42,300*	53.9	320.2	53,000*	165
170	13.9	246.4	26,900*	22.7	267.4	29,000*	31.6	286.6	32,500*	42.6	305.8	39,800*	51.5	316.3	49,400*	170
175				16.9	253.2	27,500*	27.7	277.7	30,700*	39.7	300.0	37,400*	49.0	312.1	46,200*	175
180				7.5	229.1	26,000*	23.2	266.9	29,100*	36.6	293.5	35,300*	46.4	307.5	43,300*	180
185							17.5	253.1	27,600*	33.2	286.2	33,300*	43.6	302.4	40,700*	185
190							8.8	230.9	26,200*	29.5	277.9	31,500*	40.8	296.8	38,300*	190
195										25.2	268.0	29,800*	37.7	290.5	36,100*	195
200										20.2	255.8	28,300*	34.4	283.5	34,000*	200
205										13.4	238.7	26,800*	30.9	275.6	32,200*	205
210													26.8	266.3	30,400*	210
215													22.1	255.1	28,800*	215
220													16.2	240.3	27,300*	220
225													5.5	212.9	25,900*	225

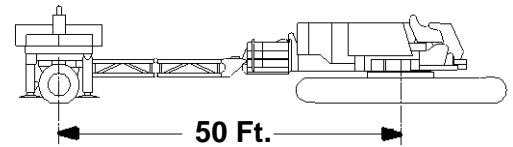


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	71.9	363.2	82,900*													75
80	70.0	361.5	80,300*													80
85	68.1	359.5	77,700*	70.8	361.4	81,400*										85
90	66.1	357.3	75,200*	68.9	359.5	78,900*										90
95	64.2	355.0	71,000*	66.9	357.5	76,500*										95
100	62.1	352.4	65,200*	65.0	355.2	73,600*										100
105	60.1	349.6	60,100*	63.0	352.7	67,500*	67.1	356.0	76,700*							105
110	58.0	346.5	55,700*	60.9	350.0	62,100*	65.1	353.8	74,300*							110
115	55.8	343.2	51,700*	58.8	347.0	57,400*	63.1	351.3	68,000*							115
120	53.6	339.6	48,200*	56.7	343.8	53,300*	61.1	348.6	62,600*							120
125	51.4	335.7	45,100*	54.5	340.3	49,600*	59.0	345.7	57,900*							125
130	49.0	331.5	42,200*	52.3	336.5	46,300*	56.9	342.5	53,700*							130
135	46.6	326.9	39,600*	50.0	332.4	43,300*	54.7	339.0	49,900*	62.0	345.9	64,900*				135
140	44.0	321.8	37,200*	47.6	328.0	40,600*	52.5	335.3	46,600*	60.0	343.0	59,900*				140
145	41.4	316.3	35,100*	45.1	323.1	38,200*	50.2	331.2	43,600*	57.9	340.0	55,500*				145
150	38.6	310.3	33,100*	42.5	317.8	35,900*	47.8	326.8	40,900*	55.7	336.6	51,600*				150
155	35.6	303.6	31,200*	39.7	312.0	33,900*	45.3	322.0	38,400*	53.5	333.0	48,100*				155
160	32.3	296.0	29,500*	36.8	305.6	32,000*	42.7	316.7	36,100*	51.2	329.1	44,900*				160
165	28.7	287.4	28,000*	33.7	298.4	30,200*	40.0	310.9	34,100*	48.9	324.8	42,100*	56.5	332.4	52,900*	165
170	24.7	277.2	26,500*	30.2	290.2	28,600*	37.1	304.6	32,100*	46.4	320.2	39,500*	54.3	328.9	49,300*	170
175	19.9	264.7	25,100*	26.4	280.7	27,100*	34.0	297.4	30,400*	43.9	315.2	37,100*	52.0	325.1	46,000*	175
180	13.5	247.6	23,800*	22.0	269.4	25,700*	30.6	289.4	28,700*	41.2	309.6	35,000*	49.7	321.0	43,100*	180
185				16.4	254.6	24,300*	26.8	280.1	27,200*	38.4	303.5	33,000*	47.3	316.5	40,400*	185
190				7.3	229.7	23,100*	22.4	268.9	25,800*	35.4	296.7	31,200*	44.8	311.6	38,000*	190
195							17.0	254.5	24,500*	32.1	289.1	29,500*	42.2	306.3	35,700*	195
200							8.5	231.6	23,200*	28.5	280.4	27,900*	39.4	300.4	33,700*	200
205										24.4	270.2	26,400*	36.5	293.8	31,800*	205
210										19.5	257.5	25,100*	33.3	286.5	30,100*	210
215										12.9	239.8	23,800*	29.8	278.3	28,500*	215
220													26.0	268.6	27,000*	220
225													21.4	257.0	25,600*	225
230													15.6	241.6	24,200*	230
235													5.3	213.4	23,000*	235

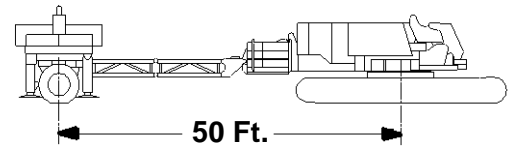


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	73.0	373.7	78,000*													75
80	71.2	372.1	75,700*													80
85	69.4	370.3	73,300*													85
90	67.6	368.2	71,000*	70.2	370.2	74,400*										90
95	65.8	366.1	68,300*	68.4	368.3	72,100*										95
100	63.9	363.7	64,900*	66.5	366.2	69,600*										100
105	62.0	361.1	59,800*	64.7	363.9	66,900*										105
110	60.1	358.2	55,400*	62.8	361.3	61,800*	66.7	364.7	69,800*							110
115	58.1	355.2	51,400*	60.9	358.6	57,100*	64.8	362.4	67,200*							115
120	56.1	351.9	47,900*	58.9	355.7	53,000*	63.0	360.0	62,300*							120
125	54.0	348.4	44,700*	56.9	352.5	49,300*	61.0	357.2	57,500*							125
130	51.9	344.5	41,900*	54.9	349.0	46,000*	59.1	354.3	53,400*							130
135	49.7	340.4	39,300*	52.8	345.3	43,000*	57.1	351.2	49,600*							135
140	47.5	335.9	36,900*	50.6	341.3	40,300*	55.1	347.7	46,300*	61.9	354.5	59,600*				140
145	45.1	331.1	34,700*	48.4	337.0	37,800*	53.0	344.0	43,300*	60.0	351.7	55,200*				145
150	42.7	325.8	32,700*	46.1	332.3	35,600*	50.8	340.1	40,600*	58.0	348.6	51,200*				150
155	40.1	320.0	30,900*	43.7	327.2	33,500*	48.6	335.8	38,100*	56.0	345.3	47,700*				155
160	37.4	313.7	29,200*	41.1	321.6	31,600*	46.3	331.1	35,800*	53.9	341.8	44,600*				160
165	34.5	306.7	27,600*	38.5	315.5	29,900*	43.9	326.0	33,700*	51.8	337.9	41,700*				165
170	31.3	298.8	26,200*	35.7	308.8	28,300*	41.4	320.5	31,800*	49.6	333.8	39,200*	56.7	341.1	49,000*	170
175	27.9	289.8	24,800*	32.6	301.3	26,700*	38.7	314.5	30,100*	47.3	329.3	36,800*	54.6	337.7	45,700*	175
180	23.9	279.3	23,500*	29.3	292.8	25,300*	35.9	307.8	28,400*	45.0	324.4	34,600*	52.5	333.9	42,800*	180
185	19.3	266.4	22,300*	25.6	283.0	24,000*	32.9	300.4	26,900*	42.5	319.1	32,700*	50.4	329.9	40,100*	185
190	13.1	248.7	21,100*	21.3	271.2	22,800*	29.6	292.0	25,500*	39.9	313.3	30,800*	48.1	325.5	37,600*	190
195				15.9	256.0	21,600*	26.0	282.4	24,100*	37.2	306.9	29,100*	45.8	320.8	35,400*	195
200				7.0	230.3	20,500*	21.7	270.8	22,900*	34.3	299.8	27,600*	43.4	315.6	33,400*	200
205							16.4	256.0	21,700*	31.1	291.9	26,100*	40.9	310.0	31,500*	205
210							8.3	232.3	20,600*	27.6	282.9	24,700*	38.2	303.8	29,800*	210
215										23.7	272.2	23,500*	35.3	297.0	28,100*	215
220										18.9	259.1	22,200*	32.3	289.4	26,600*	220
225										12.5	240.9	21,100*	28.9	280.8	25,200*	225
230													25.2	270.9	23,900*	230
235													20.8	258.8	22,700*	235
240													15.2	243.0	21,500*	240
245													5.2	213.8	20,400*	245

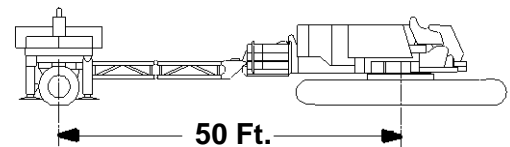


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
80	72.3	382.6	70,800*													80
85	70.6	380.9	68,700*													85
90	68.9	379.0	66,300*													90
95	67.2	377.0	63,400*	69.6	379.0	67,500*										95
100	65.5	374.8	60,800*	67.9	377.1	64,700*										100
105	63.7	372.3	58,100*	66.2	374.9	62,000*										105
110	61.9	369.7	54,800*	64.4	372.6	59,400*										110
115	60.1	366.9	50,900*	62.6	370.0	56,600*	66.3	373.5	62,200*							115
120	58.2	363.9	47,400*	60.8	367.3	52,400*	64.6	371.1	59,600*							120
125	56.3	360.6	44,200*	59.0	364.3	48,700*	62.8	368.6	57,000*							125
130	54.4	357.1	41,300*	57.1	361.2	45,400*	61.0	365.9	52,800*							130
135	52.4	353.3	38,700*	55.2	357.8	42,500*	59.1	363.0	49,100*							135
140	50.3	349.3	36,400*	53.2	354.1	39,800*	57.3	359.8	45,700*							140
145	48.2	344.9	34,200*	51.2	350.2	37,300*	55.3	356.4	42,700*	61.8	363.2	54,600*				145
150	46.0	340.2	32,200*	49.1	345.9	35,000*	53.4	352.8	40,000*	60.0	360.4	50,700*				150
155	43.8	335.1	30,400*	46.9	341.3	33,000*	51.4	348.9	37,500*	58.1	357.3	47,200*				155
160	41.4	329.6	28,700*	44.7	336.4	31,100*	49.3	344.7	35,300*	56.2	354.0	44,000*				160
165	38.9	323.6	27,100*	42.4	331.1	29,300*	47.1	340.1	33,200*	54.2	350.5	41,200*				165
170	36.3	317.0	25,600*	39.9	325.3	27,700*	44.9	335.3	31,300*	52.3	346.7	38,600*				170
175	33.4	309.7	24,200*	37.3	318.9	26,200*	42.6	329.9	29,500*	50.2	342.6	36,300*	56.9	349.8	45,200*	175
180	30.4	301.5	23,000*	34.6	311.9	24,800*	40.1	324.2	27,900*	48.1	338.3	34,100*	55.0	346.4	42,200*	180
185	27.0	292.2	21,800*	31.7	304.1	23,500*	37.6	317.9	26,300*	45.9	333.5	32,100*	53.0	342.7	39,500*	185
190	23.2	281.4	20,600*	28.4	295.4	22,200*	34.9	311.0	24,900*	43.6	328.4	30,300*	50.9	338.7	37,100*	190
195	18.7	268.1	19,600*	24.8	285.2	21,100*	31.9	303.3	23,600*	41.2	322.9	28,600*	48.8	334.4	34,900*	195
200	12.7	249.8	18,500*	20.7	273.0	20,000*	28.8	294.6	22,400*	38.7	316.8	27,000*	46.7	329.8	32,800*	200
205				15.4	257.3	18,900*	25.2	284.6	21,200*	36.1	310.2	25,600*	44.4	324.9	30,900*	205
210				6.8	230.8	17,900*	21.1	272.6	20,100*	33.3	302.8	24,200*	42.1	319.5	29,200*	210
215							16.0	257.4	19,100*	30.2	294.6	22,900*	39.6	313.6	27,600*	215
220							8.0	232.9	18,100*	26.8	285.2	21,700*	37.1	307.2	26,100*	220
225										23.0	274.3	20,600*	34.3	300.1	24,700*	225
230										18.4	260.7	19,500*	31.3	292.3	23,400*	230
235										12.2	241.9	18,500*	28.1	283.3	22,200*	235
240													24.4	273.0	21,000*	240
245													20.2	260.6	19,900*	245
250													14.7	244.2	18,900*	250
255													5.0	214.2	17,900*	255

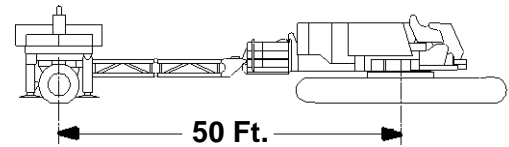


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	71.7	391.5	64,000*													85
90	70.1	389.7	61,700*													90
95	68.5	387.8	59,300*	70.7	389.7	62,700*										95
100	66.8	385.7	56,800*	69.1	387.8	60,300*										100
105	65.2	383.5	54,200*	67.5	385.8	57,900*										105
110	63.5	381.0	51,800*	65.9	383.6	55,400*										110
115	61.8	378.4	49,300*	64.2	381.2	52,900*	67.7	384.4	58,000*							115
120	60.1	375.6	46,800*	62.5	378.7	50,500*	66.0	382.2	55,600*							120
125	58.3	372.5	43,700*	60.8	375.9	48,100*	64.3	379.8	53,100*							125
130	56.5	369.3	40,800*	59.0	373.0	44,900*	62.7	377.3	50,700*							130
135	54.7	365.8	38,200*	57.2	369.8	41,900*	60.9	374.6	48,400*							135
140	52.8	362.1	35,800*	55.4	366.5	39,200*	59.2	371.6	45,200*							140
145	50.9	358.1	33,700*	53.6	362.8	36,800*	57.4	368.5	42,200*							145
150	48.9	353.8	31,700*	51.7	359.0	34,500*	55.6	365.2	39,500*	61.7	371.9	49,300*				150
155	46.8	349.3	29,800*	49.7	354.8	32,500*	53.7	361.6	37,000*	60.0	369.0	46,700*				155
160	44.7	344.3	28,100*	47.7	350.4	30,600*	51.8	357.7	34,700*	58.2	366.0	43,500*				160
165	42.5	339.0	26,600*	45.6	345.6	28,800*	49.9	353.6	32,700*	56.4	362.7	40,700*				165
170	40.2	333.3	25,100*	43.4	340.4	27,200*	47.9	349.2	30,800*	54.6	359.2	38,100*				170
175	37.8	327.0	23,700*	41.2	334.8	25,700*	45.8	344.4	29,000*	52.7	355.5	35,700*				175
180	35.3	320.2	22,500*	38.8	328.8	24,300*	43.6	339.3	27,400*	50.7	351.5	33,600*	57.0	358.5	41,700*	180
185	32.5	312.6	21,300*	36.3	322.2	23,000*	41.4	333.7	25,800*	48.8	347.2	31,600*	55.2	355.1	39,000*	185
190	29.6	304.2	20,100*	33.6	315.0	21,700*	39.0	327.7	24,400*	46.7	342.6	29,800*	53.4	351.5	36,600*	190
195	26.3	294.6	19,100*	30.8	306.9	20,600*	36.5	321.2	23,100*	44.6	337.6	28,100*	51.4	347.5	34,400*	195
200	22.6	283.4	18,100*	27.7	297.8	19,500*	33.9	314.0	21,900*	42.4	332.3	26,500*	49.5	343.4	32,300*	200
205	18.2	269.6	17,100*	24.2	287.3	18,500*	31.1	306.0	20,700*	40.1	326.5	25,000*	47.5	338.9	30,400*	205
210	12.3	250.8	16,200*	20.1	274.8	17,500*	28.0	297.1	19,600*	37.7	320.2	23,700*	45.4	334.0	28,700*	210
215				15.0	258.6	16,600*	24.5	286.7	18,600*	35.1	313.3	22,400*	43.2	328.8	27,100*	215
220				6.6	231.4	15,700*	20.5	274.4	17,600*	32.3	305.7	21,200*	40.9	323.2	25,600*	220
225							15.5	258.7	16,700*	29.4	297.2	20,100*	38.5	317.1	24,200*	225
230							7.8	233.6	15,800*	26.1	287.6	19,000*	36.0	310.5	22,900*	230
235										22.3	276.2	18,000*	33.3	303.1	21,600*	235
240										17.9	262.3	17,100*	30.5	295.0	20,500*	240
245										11.8	242.9	16,200*	27.3	285.8	19,400*	245
250													23.8	275.1	18,400*	250
255													19.6	262.3	17,400*	255
260													14.3	245.5	16,500*	260
265													4.9	214.6	15,600*	265

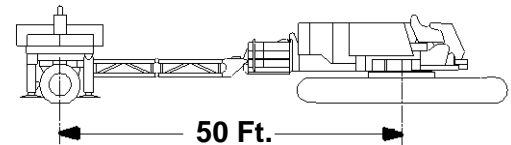


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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	85 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
85	72.6	402.0	56,800*													85
90	71.1	400.4	55,500*													90
95	69.6	398.6	53,100*													95
100	68.1	396.6	50,700*	70.2	398.5	54,100*										100
105	66.5	394.4	48,400*	68.7	396.6	51,800*										105
110	64.9	392.2	46,000*	67.1	394.5	49,400*										110
115	63.3	389.7	43,700*	65.6	392.3	47,100*										115
120	61.7	387.0	41,400*	64.0	389.9	44,700*	67.3	393.1	49,600*							120
125	60.1	384.2	39,300*	62.4	387.4	42,400*	65.7	390.9	47,300*							125
130	58.4	381.2	37,200*	60.7	384.6	40,300*	64.1	388.5	45,000*							130
135	56.7	378.0	35,200*	59.1	381.7	38,200*	62.5	386.0	42,700*							135
140	55.0	374.5	33,300*	57.4	378.5	36,200*	60.9	383.2	40,600*							140
145	53.2	370.9	31,500*	55.7	375.2	34,200*	59.2	380.3	38,500*							145
150	51.4	366.9	29,700*	53.9	371.6	32,300*	57.5	377.2	36,400*							150
155	49.5	362.8	28,000*	52.1	367.8	30,500*	55.8	373.9	34,500*	61.6	380.5	41,400*				155
160	47.6	358.3	26,400*	50.2	363.7	28,800*	54.1	370.3	32,600*	60.0	377.7	39,400*				160
165	45.6	353.5	24,900*	48.3	359.3	27,200*	52.3	366.5	30,800*	58.3	374.7	37,400*				165
170	43.5	348.3	23,400*	46.4	354.7	25,600*	50.4	362.4	29,100*	56.6	371.4	35,400*				170
175	41.4	342.8	22,000*	44.4	349.7	24,100*	48.5	358.1	27,400*	54.8	368.0	33,500*				175
180	39.2	336.8	20,700*	42.3	344.3	22,700*	46.6	353.5	25,900*	53.1	364.3	31,700*				180
185	36.8	330.3	19,400*	40.1	338.5	21,300*	44.6	348.5	24,400*	51.2	360.3	30,000*	57.2	367.2	36,000*	185
190	34.3	323.2	18,200*	37.8	332.2	20,000*	42.5	343.2	22,900*	49.4	356.1	28,300*	55.5	363.8	34,100*	190
195	31.7	315.4	17,000*	35.3	325.4	18,800*	40.3	337.4	21,500*	47.4	351.6	26,700*	53.7	360.2	32,400*	195
200	28.8	306.7	15,900*	32.8	317.9	17,600*	38.0	331.2	20,200*	45.5	346.8	25,200*	51.9	356.4	30,600*	200
205	25.6	296.8	14,900*	30.0	309.6	16,400*	35.6	324.4	19,000*	43.4	341.6	23,700*	50.0	352.2	29,000*	205
210	22.0	285.3	13,900*	26.9	300.2	15,400*	33.0	317.0	17,800*	41.2	336.1	22,300*	48.1	347.9	27,300*	210
215	17.7	271.2	13,000*	23.5	289.4	14,300*	30.2	308.8	16,600*	39.0	330.1	21,000*	46.2	343.2	25,800*	215
220	12.0	251.9	12,100*	19.6	276.5	13,400*	27.2	299.5	15,600*	36.7	323.5	19,700*	44.1	338.1	24,300*	220
225				14.6	259.9	12,500*	23.9	288.9	14,500*	34.2	316.4	18,400*	42.0	332.7	22,900*	225
230				6.4	231.9	11,800*	20.0	276.2	13,600*	31.5	308.6	17,300*	39.8	326.9	21,500*	230
235							15.1	260.0	12,700*	28.6	299.8	16,200*	37.5	320.5	20,200*	235
240							7.6	234.2	11,900*	25.4	289.8	15,100*	35.1	313.6	19,000*	240
245										21.8	278.1	14,100*	32.5	306.0	17,800*	245
250										17.4	263.8	13,200*	29.7	297.6	16,700*	250
255										11.5	243.9	12,400*	26.6	288.1	15,600*	255
260													23.1	277.2	14,600*	260
265													19.1	263.9	13,600*	265
270													13.9	246.7	12,800*	270
275													4.7	214.9	12,100*	275

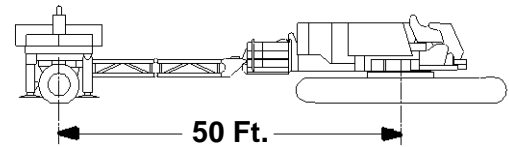


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	68.5	296.7	188,700*b													45
50	64.0	294.4	167,500*b													50
55	59.3	291.6	142,700*b													55
60	54.3	288.1	124,100*b	68.9	295.4	190,000*b										60
65	49.0	284.0	109,500*b	64.4	293.2	170,100*b										65
70	43.2	279.0	97,800*	59.7	290.4	144,700*b										70
75	36.7	272.9	88,200*	54.8	287.0	125,600*	65.7	292.1	179,500*b							75
80	28.9	264.8	80,200*	49.5	283.0	110,700*	61.1	289.5	151,500*b							80
85	18.2	252.7	73,300*	43.8	278.1	98,800*	56.3	286.3	130,800*b							85
90				37.3	272.0	89,000*	51.1	282.5	114,800*b							90
95				29.7	264.2	80,900*	45.5	277.9	102,100*							95
100				19.4	252.7	73,900*	39.4	272.2	91,800*	60.1	284.5	146,500*b				100
105							32.2	265.0	83,200*	55.2	281.2	127,000*b				105
110							23.0	255.0	75,900*	49.9	277.2	111,800*				110
115							3.5	231.8	69,600*	44.2	272.4	99,700*				115
120										37.9	266.5	89,800*				120
125										30.4	258.8	81,500*	53.6	274.1	122,000*b	125
130										20.4	247.7	74,500*	48.2	269.9	107,900*	130
135													42.4	264.8	96,500*	135
140													35.7	258.4	87,100*	140
145													27.7	249.9	79,300*	145
150													16.2	236.8	72,600*	150

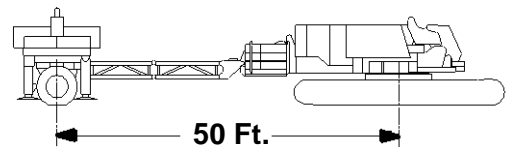


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	71.3	307.4	170,700*b													45
50	67.4	305.4	162,300*b													50
55	63.5	303.0	144,400*b													55
60	59.4	300.2	125,400*b													60
65	55.0	296.9	110,500*b	67.8	304.2	165,000*b										65
70	50.5	292.9	98,600*	63.8	301.8	146,400*b										70
75	45.6	288.3	88,900*	59.7	299.0	126,900*										75
80	40.3	282.8	80,700*	55.4	295.8	111,800*	65.0	300.8	153,400*b							80
85	34.2	275.9	73,800*	50.9	291.9	99,600*	61.0	298.1	132,300*b							85
90	27.0	267.2	67,800*	46.1	287.3	89,700*	56.7	295.0	116,000*b							90
95	17.0	254.2	62,600*	40.8	281.8	81,400*	52.3	291.3	103,000*							95
100				34.8	275.2	74,400*	47.6	287.0	92,500*							100
105				27.7	266.6	68,400*	42.4	281.8	83,800*	60.1	293.2	128,400*b				105
110				18.1	254.2	63,100*	36.7	275.5	76,400*	55.8	289.9	112,900*				110
115							30.0	267.7	70,100*	51.3	286.1	100,600*				115
120							21.4	256.8	64,600*	46.5	281.6	90,500*				120
125							3.2	232.0	59,700*	41.2	276.2	82,100*				125
130										35.3	269.7	75,000*	54.4	282.9	108,900*	130
135										28.3	261.3	68,900*	49.8	278.9	97,300*	135
140										19.0	249.4	63,600*	44.9	274.1	87,800*	140
145													39.5	268.4	79,800*	145
150													33.3	261.4	73,000*	150
155													25.8	252.2	67,200*	155
160													15.1	238.1	62,100*	160

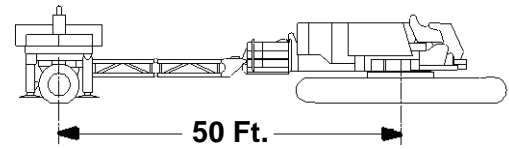


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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

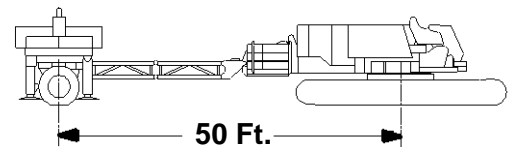
Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.4	317.9	157,400*b													45
50	70.1	316.2	150,000*b													50
55	66.6	314.1	143,100*b													55
60	63.1	311.7	125,900*b													60
65	59.4	308.9	110,900*	70.4	314.9	152,200*b										65
70	55.6	305.6	98,900*	66.9	312.9	145,500*b										70
75	51.6	301.8	89,100*	63.4	310.5	127,500*										75
80	47.4	297.4	80,900*	59.8	307.7	112,200*	68.0	311.8	147,800*b							80
85	42.8	292.3	73,900*	56.0	304.5	99,900*	64.5	309.5	132,800*b							85
90	37.8	286.2	67,900*	52.0	300.7	89,900*	60.9	306.8	116,400*							90
95	32.1	278.8	62,700*	47.8	296.4	81,600*	57.1	303.7	103,400*							95
100	25.3	269.4	58,200*	43.2	291.3	74,500*	53.2	300.1	92,800*							100
105	15.9	255.5	54,100*	38.3	285.3	68,500*	49.1	296.0	84,000*							105
110				32.7	278.1	63,200*	44.6	291.1	76,600*	60.1	301.8	113,400*				110
115				26.0	268.9	58,600*	39.8	285.5	70,200*	56.3	298.6	100,900*				115
120				17.0	255.7	54,500*	34.4	278.7	64,700*	52.3	294.9	90,700*				120
125							28.2	270.2	59,900*	48.1	290.6	82,300*				125
130							20.1	258.6	55,700*	43.6	285.7	75,100*				130
135							2.9	232.1	51,800*	38.7	279.8	69,000*	55.1	291.6	97,600*	135
140										33.2	272.7	63,700*	51.0	287.7	88,000*	140
145										26.6	263.7	59,000*	46.8	283.2	80,000*	145
150										17.9	250.9	54,900*	42.2	278.0	73,200*	150
155													37.1	271.8	67,300*	155
160													31.3	264.2	62,200*	160
165													24.3	254.4	57,700*	165
170													14.1	239.3	53,700*	170

# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	72.1	326.8	137,600*b													50
55	69.1	325.0	131,500*b													55
60	66.0	322.9	125,700*b													60
65	62.8	320.4	111,600*													65
70	59.5	317.5	99,400*	69.4	323.7	133,500*										70
75	56.1	314.3	89,500*	66.3	321.6	127,700*										75
80	52.5	310.6	81,100*	63.1	319.2	112,900*										80
85	48.8	306.4	74,100*	59.8	316.4	100,500*	67.2	320.5	129,800*b							85
90	44.8	301.6	68,000*	56.4	313.2	90,300*	64.0	318.2	117,200*							90
95	40.5	296.0	62,800*	52.8	309.5	81,900*	60.8	315.5	104,000*							95
100	35.8	289.5	58,200*	49.1	305.3	74,700*	57.4	312.4	93,200*							100
105	30.4	281.6	54,100*	45.1	300.6	68,600*	53.9	308.9	84,300*							105
110	24.0	271.5	50,500*	40.9	295.1	63,200*	50.2	304.9	76,700*							110
115	15.1	256.8	47,200*	36.2	288.6	58,600*	46.4	300.3	70,300*	60.0	310.5	101,500*				115
120				30.9	280.9	54,500*	42.2	295.0	64,800*	56.7	307.3	91,100*				120
125				24.6	271.1	50,800*	37.7	288.9	59,900*	53.1	303.7	82,600*				125
130				16.1	257.1	47,500*	32.6	281.6	55,700*	49.4	299.6	75,300*				130
135							26.7	272.5	51,900*	45.5	294.9	69,100*				135
140							19.0	260.2	48,500*	41.2	289.5	63,700*	55.6	300.3	88,400*	140
145							2.7	232.3	45,300*	36.6	283.1	59,000*	52.0	296.6	80,200*	145
150										31.4	275.5	54,800*	48.2	292.3	73,300*	150
155										25.2	265.9	51,100*	44.2	287.4	67,400*	155
160										16.9	252.4	47,800*	39.9	281.7	62,200*	160
165													35.1	275.0	57,700*	165
170													29.6	266.8	53,700*	170
175													23.0	256.4	50,100*	175
180													13.4	240.4	46,900*	180

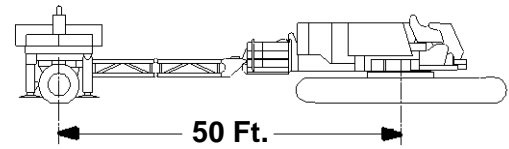


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.8	337.3	130,800* <sup>b</sup>													50
55	71.1	335.7	125,700* <sup>b</sup>													55
60	68.3	333.8	120,900*													60
65	65.4	331.6	114,200*													65
70	62.5	329.0	101,700*													70
75	59.5	326.2	91,400*	68.5	332.5	122,700*										75
80	56.4	323.0	82,900*	65.7	330.3	115,500*										80
85	53.2	319.4	75,700*	62.8	327.8	102,700*										85
90	49.9	315.3	69,500*	59.8	325.0	92,300*	66.6	329.2	119,700*							90
95	46.3	310.7	64,100*	56.7	321.8	83,600*	63.7	326.8	106,300*							95
100	42.6	305.5	59,400*	53.5	318.3	76,300*	60.7	324.1	95,200*							100
105	38.5	299.5	55,300*	50.2	314.3	70,000*	57.7	321.1	86,100*							105
110	34.0	292.5	51,600*	46.7	309.7	64,600*	54.5	317.6	78,400*							110
115	28.9	284.1	48,200*	42.9	304.5	59,800*	51.2	313.7	71,800*	63.0	322.0	103,700*				115
120	22.8	273.5	45,200*	38.9	298.6	55,600*	47.7	309.3	66,200*	60.0	319.2	93,100*				120
125	14.3	258.0	42,500*	34.4	291.8	51,900*	44.1	304.4	61,200*	57.0	316.0	84,300*				125
130				29.4	283.5	48,500*	40.1	298.7	56,900*	53.8	312.5	76,900*				130
135				23.4	273.2	45,500*	35.8	292.1	53,000*	50.4	308.5	70,600*				135
140				15.3	258.4	42,800*	31.0	284.4	49,500*	46.9	304.0	65,100*				140
145							25.4	274.8	46,400*	43.2	298.9	60,200*	56.0	309.0	82,000*	145
150							18.1	261.8	43,600*	39.2	293.0	56,000*	52.8	305.4	74,900*	150
155							2.6	232.4	40,900*	34.8	286.2	52,200*	49.4	301.2	68,800*	155
160										29.9	278.1	48,800*	45.8	296.5	63,500*	160
165										24.0	268.0	45,800*	42.0	291.2	58,900*	165
170										16.1	253.8	43,000*	37.9	285.1	54,800*	170
175													33.4	278.0	51,200*	175
180													28.2	269.3	47,900*	180
185													21.8	258.3	44,900*	185
190													12.7	241.5	42,200*	190

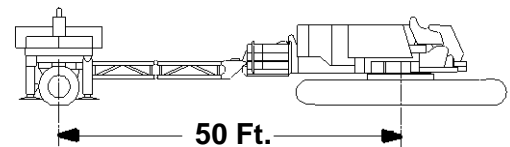


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	72.7	346.2	115,900* <sup>b</sup>													55
60	70.2	344.5	111,600*													60
65	67.6	342.5	107,400*													65
70	65.0	340.3	102,200*													70
75	62.3	337.7	91,800*	70.4	343.2	112,900*										75
80	59.6	334.9	83,100*	67.8	341.3	108,900*										80
85	56.7	331.7	75,800*	65.2	339.0	103,300*										85
90	53.8	328.1	69,500*	62.6	336.5	92,700*										90
95	50.8	324.2	64,100*	59.8	333.7	83,900*	66.0	337.9	106,400*							95
100	47.6	319.8	59,300*	57.0	330.5	76,400*	63.4	335.5	95,700*							100
105	44.2	314.8	55,100*	54.1	327.0	70,100*	60.6	332.8	86,400*							105
110	40.6	309.2	51,400*	51.0	323.1	64,600*	57.9	329.7	78,600*							110
115	36.8	302.9	48,000*	47.9	318.7	59,700*	55.0	326.3	71,900*							115
120	32.5	295.4	45,000*	44.5	313.8	55,500*	52.0	322.5	66,200*	62.8	330.6	93,600*				120
125	27.7	286.6	42,300*	41.0	308.3	51,700*	48.8	318.3	61,100*	60.0	327.8	84,600*				125
130	21.8	275.4	39,800*	37.1	302.0	48,300*	45.6	313.6	56,700*	57.2	324.7	77,100*				130
135	13.7	259.2	37,500*	32.9	294.7	45,300*	42.1	308.3	52,800*	54.3	321.2	70,600*				135
140				28.1	286.0	42,500*	38.3	302.2	49,300*	51.3	317.3	65,000*				140
145				22.4	275.1	40,000*	34.2	295.2	46,200*	48.1	313.0	60,200*				145
150				14.6	259.6	37,700*	29.6	287.0	43,300*	44.8	308.2	55,900*	56.3	317.7	75,000*	150
155							24.2	276.9	40,800*	41.3	302.7	52,000*	53.4	314.1	68,800*	155
160							17.3	263.3	38,400*	37.5	296.5	48,600*	50.3	310.1	63,500*	160
165							2.4	232.6	36,200*	33.3	289.2	45,600*	47.1	305.6	58,800*	165
170										28.5	280.7	42,800*	43.7	300.6	54,700*	170
175										22.9	270.0	40,300*	40.1	294.9	51,000*	175
180										15.4	255.1	37,900*	36.2	288.4	47,700*	180
185													31.9	280.8	44,700*	185
190													26.9	271.7	42,000*	190
195													20.9	260.1	39,500*	195
200													12.1	242.5	37,300*	200

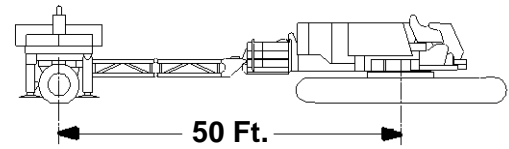


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.1	356.7	108,500*													55
60	71.8	355.1	104,700*													60
65	69.4	353.3	101,000*													65
70	67.0	351.2	97,400*													70
75	64.6	348.9	91,700*													75
80	62.1	346.4	83,000*	69.6	352.0	102,200*										80
85	59.6	343.5	75,700*	67.3	350.0	98,800*										85
90	57.0	340.4	69,400*	64.8	347.7	92,600*										90
95	54.3	336.9	63,900*	62.4	345.2	83,800*	68.0	348.8	99,800*							95
100	51.5	333.0	59,200*	59.8	342.3	76,300*	65.6	346.6	95,600*							100
105	48.6	328.8	55,000*	57.2	339.2	70,000*	63.1	344.2	86,300*							105
110	45.6	324.0	51,200*	54.6	335.8	64,400*	60.6	341.4	78,500*							110
115	42.4	318.7	47,900*	51.8	331.9	59,600*	58.0	338.4	71,800*							115
120	39.0	312.8	44,800*	48.9	327.7	55,300*	55.4	335.0	66,000*							120
125	35.3	306.0	42,100*	45.9	323.0	51,600*	52.6	331.3	61,000*	62.6	339.3	84,500*				125
130	31.2	298.2	39,600*	42.7	317.8	48,200*	49.8	327.2	56,600*	60.0	336.5	77,000*				130
135	26.5	289.0	37,300*	39.3	311.9	45,100*	46.8	322.7	52,700*	57.4	333.4	70,500*				135
140	20.9	277.3	35,300*	35.6	305.2	42,400*	43.7	317.6	49,200*	54.8	329.9	64,900*				140
145	13.1	260.3	33,300*	31.6	297.5	39,900*	40.3	312.0	46,000*	52.0	326.2	60,000*				145
150				27.0	288.4	37,600*	36.7	305.5	43,200*	49.1	322.0	55,700*				150
155				21.5	277.0	35,500*	32.8	298.2	40,600*	46.1	317.3	51,900*	56.6	326.4	68,700*	155
160				14.0	260.8	33,500*	28.4	289.5	38,200*	42.9	312.1	48,500*	53.9	322.9	63,400*	160
165							23.3	279.0	36,100*	39.6	306.3	45,400*	51.1	319.0	58,700*	165
170							16.6	264.7	34,100*	35.9	299.7	42,600*	48.2	314.6	54,500*	170
175							2.3	232.7	32,200*	31.9	292.1	40,100*	45.2	309.8	50,800*	175
180										27.4	283.1	37,800*	41.9	304.5	47,500*	180
185										22.0	271.9	35,700*	38.5	298.4	44,500*	185
190										14.8	256.4	33,700*	34.7	291.5	41,800*	190
195													30.6	283.6	39,400*	195
200													25.8	274.0	37,100*	200
205													20.0	261.9	35,100*	205
210													11.6	243.5	33,100*	210

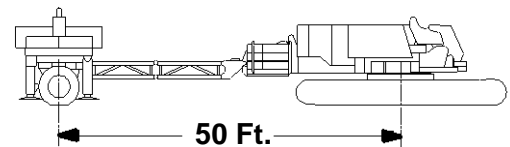


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	73.1	365.6	97,900*													60
65	71.0	364.0	94,600*													65
70	68.8	362.1	91,200*													70
75	66.6	360.0	88,100*													75
80	64.3	357.6	82,600*													80
85	62.0	355.0	75,300*	69.0	360.8	92,400*										85
90	59.6	352.2	68,900*	66.8	358.7	89,300*										90
95	57.2	349.0	63,500*	64.5	356.4	83,400*										95
100	54.7	345.6	58,700*	62.2	353.8	75,900*	67.4	357.6	90,300*							100
105	52.2	341.8	54,500*	59.8	351.0	69,500*	65.2	355.3	85,900*							105
110	49.5	337.7	50,700*	57.4	347.9	64,000*	62.9	352.8	78,000*							110
115	46.7	333.1	47,400*	55.0	344.5	59,100*	60.6	350.1	71,300*							115
120	43.8	328.1	44,400*	52.4	340.7	54,900*	58.2	347.1	65,600*							120
125	40.8	322.5	41,600*	49.7	336.6	51,100*	55.7	343.7	60,500*							125
130	37.5	316.2	39,100*	47.0	332.1	47,700*	53.2	340.1	56,100*	62.4	348.0	76,500*				130
135	33.9	309.1	36,900*	44.1	327.1	44,600*	50.6	336.1	52,200*	60.0	345.1	70,000*				135
140	30.0	300.9	34,800*	41.0	321.5	41,900*	47.8	331.7	48,700*	57.6	342.1	64,400*				140
145	25.5	291.2	32,900*	37.8	315.3	39,400*	45.0	326.9	45,500*	55.2	338.7	59,600*				145
150	20.1	279.0	31,100*	34.3	308.3	37,100*	42.0	321.5	42,700*	52.6	334.9	55,200*				150
155	12.6	261.4	29,400*	30.4	300.3	35,000*	38.8	315.5	40,100*	50.0	330.9	51,400*				155
160				26.0	290.7	33,100*	35.3	308.7	37,800*	47.2	326.4	48,000*	56.9	335.1	62,900*	160
165				20.7	278.8	31,300*	31.6	301.0	35,600*	44.3	321.4	44,900*	54.4	331.6	58,200*	165
170				13.5	262.0	29,600*	27.3	292.0	33,600*	41.3	315.9	42,100*	51.8	327.8	54,000*	170
175							22.4	280.9	31,800*	38.0	309.8	39,600*	49.1	323.6	50,400*	175
180							16.0	266.1	30,100*	34.5	302.8	37,300*	46.3	319.0	47,000*	180
185							2.2	232.8	28,400*	30.7	294.9	35,200*	43.4	313.8	44,100*	185
190										26.3	285.5	33,200*	40.3	308.2	41,400*	190
195										21.1	273.8	31,400*	37.0	301.8	38,900*	195
200										14.2	257.6	29,800*	33.4	294.6	36,700*	200
205													29.4	286.2	34,600*	205
210													24.8	276.2	32,700*	210
215													19.3	263.5	30,900*	215
220													11.2	244.5	29,300*	220

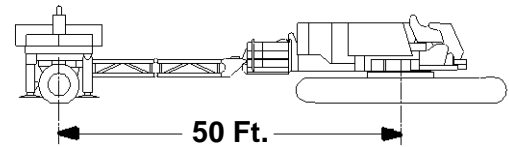


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.3	376.1	93,200*													60
65	72.3	374.5	90,400*													65
70	70.3	372.8	87,500*													70
75	68.2	370.8	84,800*													75
80	66.1	368.7	82,100*													80
85	64.0	366.3	76,000*	70.4	371.5	88,400*										85
90	61.9	363.7	69,600*	68.4	369.6	85,800*										90
95	59.7	360.8	64,000*	66.3	367.4	83,200*										95
100	57.4	357.7	59,200*	64.2	365.1	76,600*										100
105	55.1	354.3	54,900*	62.1	362.5	70,100*	66.9	366.3	83,900*							105
110	52.7	350.6	51,100*	59.9	359.7	64,500*	64.8	364.0	78,800*							110
115	50.3	346.6	47,700*	57.6	356.6	59,600*	62.7	361.5	72,000*							115
120	47.7	342.1	44,700*	55.3	353.2	55,300*	60.5	358.8	66,100*							120
125	45.0	337.3	41,900*	52.9	349.5	51,500*	58.3	355.7	61,000*							125
130	42.3	332.0	39,400*	50.5	345.5	48,000*	56.0	352.4	56,600*							130
135	39.3	326.1	37,100*	47.9	341.1	44,900*	53.6	348.9	52,600*	62.2	356.6	70,700*				135
140	36.1	319.5	35,000*	45.3	336.3	42,200*	51.2	344.9	49,000*	60.0	353.8	65,000*				140
145	32.7	312.0	33,000*	42.5	331.0	39,600*	48.7	340.7	45,900*	57.8	350.7	60,000*				145
150	28.9	303.5	31,200*	39.6	325.2	37,300*	46.1	336.0	43,000*	55.5	347.4	55,700*				150
155	24.6	293.4	29,600*	36.4	318.7	35,200*	43.4	330.9	40,400*	53.1	343.7	51,800*				155
160	19.4	280.7	28,000*	33.0	311.3	33,200*	40.5	325.2	38,000*	50.7	339.7	48,300*				160
165	12.2	262.5	26,600*	29.3	302.9	31,400*	37.4	318.9	35,800*	48.1	335.4	45,200*	57.1	343.8	58,700*	165
170				25.0	292.9	29,700*	34.1	311.8	33,800*	45.5	330.6	42,400*	54.8	340.3	54,500*	170
175				19.9	280.6	28,200*	30.5	303.7	32,000*	42.7	325.4	39,800*	52.4	336.6	50,700*	175
180				13.0	263.1	26,700*	26.4	294.3	30,200*	39.8	319.6	37,500*	49.9	332.5	47,400*	180
185							21.6	282.8	28,600*	36.7	313.1	35,400*	47.3	328.0	44,300*	185
190							15.4	267.4	27,200*	33.3	305.8	33,400*	44.7	323.1	41,600*	190
195							2.1	233.0	25,700*	29.6	297.5	31,600*	41.9	317.7	39,100*	195
200										25.4	287.7	29,900*	38.9	311.7	36,900*	200
205										20.4	275.6	28,300*	35.7	305.0	34,800*	205
210										13.7	258.8	26,900*	32.2	297.4	32,800*	210
215													28.4	288.7	31,100*	215
220													24.0	278.3	29,400*	220
225													18.6	265.2	27,900*	225
230													10.8	245.4	26,400*	230



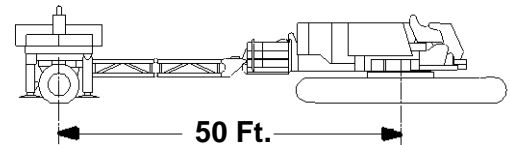


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.4	385.0	83,400*													65
70	71.5	383.4	80,800*													70
75	69.6	381.6	78,300*													75
80	67.7	379.6	75,800*													80
85	65.8	377.4	73,400*													85
90	63.8	375.0	69,800*	69.8	380.3	79,100*										90
95	61.7	372.4	64,100*	67.9	378.3	76,700*										95
100	59.7	369.5	59,200*	65.9	376.2	74,400*										100
105	57.6	366.4	54,900*	63.9	373.8	70,400*										105
110	55.4	363.0	51,000*	61.9	371.2	64,600*	66.5	375.0	75,100*							110
115	53.2	359.4	47,600*	59.9	368.3	59,600*	64.5	372.7	72,300*							115
120	50.9	355.4	44,500*	57.8	365.2	55,300*	62.5	370.2	66,300*							120
125	48.5	351.1	41,600*	55.6	361.9	51,400*	60.5	367.4	61,100*							125
130	46.1	346.4	39,100*	53.4	358.3	47,900*	58.4	364.4	56,500*							130
135	43.5	341.3	36,800*	51.1	354.3	44,700*	56.3	361.1	52,500*							135
140	40.8	335.7	34,600*	48.8	350.1	41,900*	54.1	357.6	48,900*	62.1	365.3	65,100*				140
145	38.0	329.5	32,700*	46.3	345.4	39,300*	51.8	353.8	45,700*	60.0	362.5	60,100*				145
150	34.9	322.6	30,900*	43.8	340.3	37,000*	49.5	349.6	42,700*	57.9	359.4	55,600*				150
155	31.6	314.9	29,200*	41.1	334.8	34,800*	47.1	345.1	40,100*	55.8	356.1	51,700*				155
160	28.0	306.0	27,600*	38.3	328.6	32,900*	44.5	340.1	37,700*	53.6	352.5	48,200*				160
165	23.8	295.5	26,200*	35.2	321.8	31,100*	41.9	334.7	35,500*	51.3	348.6	45,000*				165
170	18.8	282.4	24,800*	31.9	314.2	29,400*	39.1	328.8	33,500*	49.0	344.3	42,200*	57.3	352.5	54,400*	170
175	11.8	263.5	23,500*	28.3	305.4	27,800*	36.2	322.2	31,600*	46.5	339.7	39,600*	55.1	349.1	50,600*	175
180				24.2	295.1	26,300*	33.0	314.8	29,900*	44.0	334.7	37,200*	52.9	345.4	47,200*	180
185				19.3	282.2	25,000*	29.5	306.4	28,300*	41.3	329.1	35,000*	50.6	341.4	44,100*	185
190				12.6	264.2	23,700*	25.5	296.6	26,800*	38.5	323.1	33,100*	48.2	337.0	41,400*	190
195							20.9	284.6	25,400*	35.5	316.3	31,200*	45.7	332.3	38,800*	195
200							14.9	268.7	24,100*	32.2	308.7	29,500*	43.2	327.1	36,500*	200
205							2.0	233.1	22,800*	28.6	300.1	27,900*	40.5	321.4	34,400*	205
210										24.6	289.9	26,500*	37.6	315.1	32,500*	210
215										19.7	277.3	25,100*	34.5	308.1	30,700*	215
220										13.2	259.9	23,800*	31.2	300.2	29,000*	220
225													27.4	291.2	27,500*	225
230													23.2	280.4	26,100*	230
235													18.0	266.7	24,700*	235
240													10.4	246.3	23,400*	240

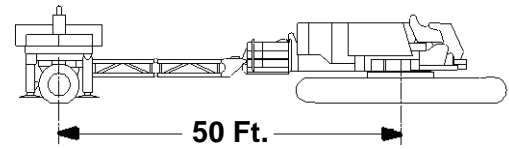


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.4	395.5	78,400*													65
70	72.7	393.9	76,100*													70
75	70.9	392.2	73,800*													75
80	69.1	390.4	71,600*													80
85	67.3	388.3	69,300*													85
90	65.4	386.1	66,900*													90
95	63.5	383.7	63,800*	69.2	389.1	72,300*										95
100	61.6	381.0	58,900*	67.4	387.1	70,200*										100
105	59.7	378.2	54,500*	65.6	384.9	67,600*										105
110	57.7	375.1	50,700*	63.7	382.4	64,300*	68.0	385.9	70,600*							110
115	55.7	371.7	47,200*	61.8	379.8	59,300*	66.1	383.8	68,300*							115
120	53.6	368.1	44,100*	59.9	377.0	54,900*	64.3	381.4	65,800*							120
125	51.5	364.2	41,300*	57.9	373.9	51,000*	62.4	378.8	60,800*							125
130	49.3	360.0	38,800*	55.9	370.6	47,500*	60.5	376.1	56,200*							130
135	47.0	355.5	36,400*	53.8	367.0	44,400*	58.5	373.1	52,200*							135
140	44.6	350.6	34,300*	51.7	363.2	41,600*	56.5	369.8	48,600*							140
145	42.2	345.2	32,400*	49.5	359.0	39,000*	54.4	366.3	45,300*	62.0	373.9	59,800*				145
150	39.6	339.3	30,600*	47.2	354.5	36,700*	52.3	362.6	42,400*	60.0	371.1	55,300*				150
155	36.8	332.9	28,900*	44.8	349.6	34,500*	50.1	358.5	39,800*	58.1	368.1	51,400*				155
160	33.9	325.7	27,300*	42.4	344.2	32,500*	47.9	354.1	37,400*	56.0	364.8	47,900*				160
165	30.7	317.6	25,900*	39.8	338.4	30,700*	45.6	349.3	35,200*	54.0	361.2	44,700*				165
170	27.1	308.4	24,500*	37.1	332.0	29,000*	43.1	344.1	33,100*	51.8	357.4	41,800*				170
175	23.1	297.5	23,200*	34.1	324.9	27,500*	40.6	338.4	31,300*	49.7	353.2	39,200*	57.4	361.1	50,300*	175
180	18.2	283.9	22,000*	31.0	316.9	26,000*	37.9	332.2	29,500*	47.4	348.7	36,900*	55.4	357.8	46,900*	180
185	11.4	264.4	20,900*	27.5	307.8	24,600*	35.0	325.3	27,900*	45.0	343.9	34,700*	53.3	354.1	43,800*	185
190				23.5	297.1	23,400*	31.9	317.6	26,400*	42.6	338.6	32,700*	51.2	350.2	41,000*	190
195				18.7	283.9	22,200*	28.5	308.9	25,100*	40.0	332.8	30,900*	49.0	345.9	38,500*	195
200				12.2	265.2	21,000*	24.7	298.8	23,800*	37.3	326.5	29,200*	46.7	341.3	36,200*	200
205							20.2	286.4	22,500*	34.4	319.4	27,600*	44.3	336.3	34,100*	205
210							14.4	270.0	21,400*	31.2	311.5	26,200*	41.8	330.9	32,200*	210
215							1.9	233.2	20,200*	27.8	302.5	24,800*	39.2	325.0	30,400*	215
220										23.8	292.0	23,500*	36.4	318.4	28,700*	220
225										19.1	279.0	22,300*	33.4	311.1	27,200*	225
230										12.8	261.0	21,100*	30.2	302.9	25,700*	230
235													26.6	293.5	24,400*	235
240													22.5	282.3	23,100*	240
245													17.4	268.2	22,000*	245
250													10.1	247.1	20,800*	250

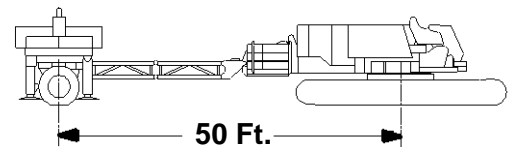


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
70	73.7	404.4	70,700*													70
75	72.0	402.8	69,100*													75
80	70.3	401.1	67,000*													80
85	68.6	399.2	64,800*													85
90	66.9	397.1	62,100*													90
95	65.1	394.8	59,500*	70.5	399.8	67,600*										95
100	63.4	392.3	57,000*	68.7	397.9	65,400*										100
105	61.5	389.7	54,000*	67.0	395.8	62,700*										105
110	59.7	386.8	50,100*	65.3	393.6	60,200*										110
115	57.8	383.7	46,700*	63.5	391.1	57,700*	67.5	394.7	63,400*							115
120	55.9	380.4	43,600*	61.7	388.5	54,400*	65.8	392.5	60,900*							120
125	54.0	376.9	40,800*	59.9	385.6	50,500*	64.0	390.1	58,400*							125
130	52.0	373.1	38,200*	58.0	382.6	47,000*	62.3	387.5	55,700*							130
135	49.9	368.9	35,900*	56.1	379.3	43,900*	60.4	384.7	51,600*							135
140	47.8	364.5	33,800*	54.2	375.8	41,000*	58.6	381.7	48,000*							140
145	45.6	359.7	31,800*	52.2	372.0	38,500*	56.7	378.5	44,800*							145
150	43.3	354.5	30,000*	50.1	367.9	36,100*	54.7	375.1	41,900*	61.9	382.6	54,800*				150
155	40.9	348.9	28,300*	48.0	363.5	34,000*	52.8	371.3	39,200*	60.0	379.8	50,800*				155
160	38.4	342.8	26,800*	45.8	358.7	32,000*	50.7	367.3	36,800*	58.2	376.7	47,300*				160
165	35.7	336.1	25,300*	43.5	353.6	30,200*	48.6	363.0	34,600*	56.3	373.5	44,100*				165
170	32.9	328.6	24,000*	41.1	348.0	28,500*	46.5	358.4	32,600*	54.3	370.0	41,300*				170
175	29.8	320.3	22,700*	38.6	341.9	26,900*	44.2	353.4	30,700*	52.3	366.2	38,700*				175
180	26.3	310.7	21,500*	36.0	335.3	25,500*	41.8	347.9	29,000*	50.3	362.1	36,300*	57.6	369.8	46,300*	180
185	22.4	299.5	20,400*	33.1	327.9	24,100*	39.4	342.0	27,400*	48.2	357.7	34,200*	55.7	366.5	43,300*	185
190	17.7	285.5	19,300*	30.1	319.6	22,800*	36.8	335.5	25,900*	46.0	353.0	32,200*	53.7	362.9	40,500*	190
195	11.1	265.4	18,300*	26.7	310.2	21,600*	34.0	328.4	24,500*	43.7	347.9	30,400*	51.7	359.0	38,000*	195
200				22.8	299.1	20,500*	31.0	320.4	23,200*	41.3	342.4	28,700*	49.6	354.9	35,700*	200
205				18.2	285.4	19,500*	27.7	311.4	22,000*	38.8	336.3	27,100*	47.5	350.4	33,600*	205
210				11.8	266.2	18,400*	24.0	300.9	20,900*	36.2	329.7	25,600*	45.3	345.5	31,600*	210
215							19.7	288.1	19,800*	33.4	322.4	24,200*	43.0	340.3	29,800*	215
220							14.0	271.2	18,700*	30.3	314.2	23,000*	40.6	334.6	28,200*	220
225							1.9	233.3	17,700*	26.9	304.9	21,800*	38.0	328.4	26,600*	225
230										23.1	294.0	20,600*	35.3	321.6	25,200*	230
235										18.6	280.6	19,600*	32.5	314.1	23,900*	235
240										12.5	262.1	18,500*	29.3	305.6	22,600*	240
245													25.8	295.8	21,400*	245
250													21.8	284.3	20,300*	250
255													16.9	269.7	19,300*	255
260													9.8	248.0	18,300*	260

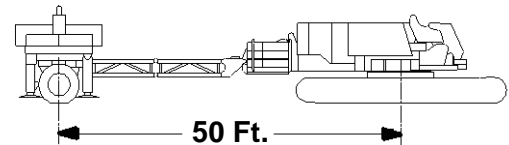


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
 Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.5	414.8	63,700*													70
75	73.0	413.3	63,100*													75
80	71.4	411.7	62,400*													80
85	69.8	409.9	60,300*													85
90	68.2	407.9	58,000*													90
95	66.5	405.8	55,600*													95
100	64.9	403.5	53,100*	69.9	408.6	60,800*										100
105	63.2	401.0	50,700*	68.3	406.7	58,500*										105
110	61.5	398.4	48,400*	66.7	404.5	56,100*										110
115	59.7	395.5	46,100*	65.0	402.3	53,700*										115
120	58.0	392.4	43,100*	63.3	399.8	51,300*	67.2	403.4	56,800*							120
125	56.2	389.1	40,300*	61.6	397.2	49,000*	65.5	401.2	54,400*							125
130	54.3	385.6	37,700*	59.9	394.3	46,500*	63.8	398.8	52,100*							130
135	52.4	381.8	35,400*	58.1	391.3	43,400*	62.1	396.2	49,700*							135
140	50.5	377.8	33,300*	56.3	388.0	40,500*	60.4	393.4	47,500*							140
145	48.5	373.5	31,300*	54.5	384.5	38,000*	58.7	390.4	44,300*							145
150	46.4	368.8	29,500*	52.6	380.7	35,600*	56.9	387.2	41,400*							150
155	44.3	363.8	27,800*	50.7	376.7	33,500*	55.0	383.8	38,700*	61.8	391.3	49,100*				155
160	42.1	358.4	26,300*	48.7	372.4	31,500*	53.2	380.1	36,300*	60.0	388.4	46,800*				160
165	39.8	352.6	24,800*	46.6	367.8	29,700*	51.2	376.2	34,100*	58.3	385.4	43,600*				165
170	37.3	346.2	23,500*	44.5	362.8	28,000*	49.3	372.0	32,100*	56.5	382.2	40,800*				170
175	34.7	339.2	22,200*	42.3	357.5	26,400*	47.2	367.4	30,200*	54.6	378.7	38,200*				175
180	32.0	331.5	21,000*	40.0	351.7	25,000*	45.1	362.6	28,500*	52.7	375.0	35,800*				180
185	28.9	322.9	19,900*	37.5	345.3	23,600*	43.0	357.3	26,900*	50.8	371.0	33,700*	57.7	378.5	42,700*	185
190	25.6	313.0	18,800*	35.0	338.4	22,300*	40.7	351.7	25,400*	48.8	366.7	31,700*	55.9	375.2	40,000*	190
195	21.8	301.4	17,900*	32.2	330.8	21,100*	38.3	345.5	24,000*	46.8	362.1	29,800*	54.1	371.6	37,500*	195
200	17.2	287.0	16,900*	29.2	322.2	20,000*	35.8	338.8	22,700*	44.7	357.1	28,100*	52.2	367.8	35,200*	200
205	10.8	266.3	16,000*	25.9	312.5	19,000*	33.1	331.4	21,500*	42.5	351.8	26,600*	50.2	363.7	33,000*	205
210				22.2	301.1	18,000*	30.1	323.1	20,400*	40.2	346.0	25,100*	48.2	359.4	31,100*	210
215				17.7	287.0	17,000*	27.0	313.8	19,300*	37.7	339.8	23,700*	46.1	354.7	29,300*	215
220				11.5	267.2	16,100*	23.4	302.9	18,300*	35.2	332.9	22,500*	44.0	349.6	27,700*	220
225							19.1	289.8	17,300*	32.4	325.3	21,300*	41.8	344.1	26,100*	225
230							13.6	272.4	16,400*	29.5	316.9	20,100*	39.4	338.2	24,700*	230
235							1.8	233.5	15,500*	26.2	307.2	19,100*	37.0	331.8	23,300*	235
240										22.5	296.0	18,100*	34.4	324.7	22,100*	240
245										18.1	282.2	17,100*	31.6	316.9	20,900*	245
250										12.1	263.1	16,200*	28.5	308.1	19,800*	250
255													25.1	298.0	18,800*	255
260													21.2	286.1	17,800*	260
265													16.5	271.1	16,800*	265
270													9.5	248.8	15,900*	270

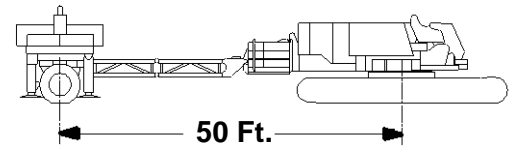


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	73.8	423.8	56,000*													75
80	72.3	422.2	55,500*													80
85	70.8	420.5	54,300*													85
90	69.3	418.7	52,000*													90
95	67.8	416.7	49,700*													95
100	66.2	414.5	47,400*	71.0	419.2	54,700*										100
105	64.6	412.2	45,100*	69.4	417.4	52,500*										105
110	63.0	409.7	42,900*	67.9	415.4	50,200*										110
115	61.4	407.0	40,600*	66.3	413.3	47,900*										115
120	59.7	404.2	38,600*	64.8	411.0	45,600*										120
125	58.1	401.1	36,600*	63.2	408.5	43,400*	66.8	412.1	48,500*							125
130	56.4	397.8	34,600*	61.5	405.8	41,200*	65.2	409.9	46,300*							130
135	54.6	394.3	32,700*	59.9	403.0	39,100*	63.6	407.4	44,100*							135
140	52.8	390.6	30,900*	58.2	399.9	37,000*	62.0	404.8	41,900*							140
145	51.0	386.6	29,200*	56.5	396.7	35,100*	60.4	402.1	39,800*							145
150	49.1	382.4	27,600*	54.8	393.2	33,200*	58.7	399.1	37,700*							150
155	47.2	377.9	26,000*	53.0	389.5	31,400*	57.0	395.9	35,800*							155
160	45.2	373.0	24,500*	51.2	385.6	29,600*	55.3	392.5	33,900*	61.7	399.9	41,300*				160
165	43.1	367.8	23,000*	49.3	381.3	28,000*	53.5	388.9	32,000*	60.0	397.1	39,300*				165
170	41.0	362.2	21,700*	47.4	376.8	26,400*	51.7	385.0	30,300*	58.4	394.1	37,300*				170
175	38.7	356.1	20,400*	45.4	372.0	24,800*	49.8	380.8	28,600*	56.6	390.8	35,400*				175
180	36.3	349.5	19,100*	43.3	366.8	23,400*	47.9	376.4	27,000*	54.9	387.4	33,600*				180
185	33.8	342.3	17,900*	41.2	361.2	22,000*	46.0	371.7	25,400*	53.1	383.7	31,800*				185
190	31.1	334.3	16,800*	38.9	355.2	20,700*	43.9	366.6	23,900*	51.3	379.8	30,000*	57.8	387.2	36,600*	190
195	28.2	325.4	15,700*	36.5	348.7	19,400*	41.8	361.2	22,500*	49.4	375.6	28,400*	56.1	383.9	34,700*	195
200	24.9	315.2	14,600*	34.0	341.5	18,200*	39.6	355.3	21,200*	47.5	371.1	26,800*	54.4	380.3	33,000*	200
205	21.2	303.3	13,700*	31.4	333.6	17,000*	37.3	348.9	19,900*	45.5	366.3	25,200*	52.6	376.6	31,200*	205
210	16.7	288.4	12,700*	28.5	324.8	15,900*	34.8	341.9	18,600*	43.5	361.2	23,800*	50.7	372.6	29,600*	210
215	10.5	267.2	11,900*	25.2	314.7	14,900*	32.2	334.3	17,400*	41.3	355.6	22,400*	48.8	368.3	27,900*	215
220				21.6	303.0	13,900*	29.4	325.7	16,300*	39.1	349.6	21,000*	46.9	363.7	26,400*	220
225				17.2	288.5	13,000*	26.2	316.1	15,300*	36.7	343.1	19,700*	44.9	358.8	24,900*	225
230				11.2	268.2	12,100*	22.7	304.9	14,300*	34.3	336.0	18,500*	42.8	353.5	23,400*	230
235							18.6	291.4	13,300*	31.6	328.2	17,400*	40.6	347.9	22,100*	235
240							13.3	273.5	12,500*	28.7	319.4	16,200*	38.4	341.7	20,800*	240
245							1.7	233.6	11,800*	25.5	309.5	15,200*	36.0	335.0	19,500*	245
250										21.9	297.9	14,200*	33.4	327.7	18,300*	250
255										17.6	283.7	13,300*	30.7	319.6	17,100*	255
260										11.8	264.1	12,400*	27.8	310.6	16,000*	260
265													24.5	300.2	15,000*	265
270													20.7	287.9	14,000*	270
275													16.0	272.5	13,100*	275
280													9.3	249.6	12,300*	280

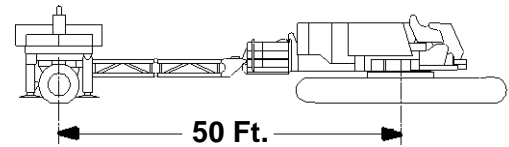


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 240 Ft. Boom, 70 Ft. Jib

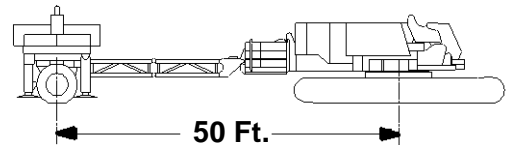
Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	64.9	314.9	173,700*b													50
55	60.3	312.2	147,300*b													55
60	55.4	308.9	127,600*b	71.0	316.2	187,800*b										60
65	50.2	304.9	112,300*b	66.6	314.2	184,100*b										65
70	44.5	300.1	100,100*	62.0	311.7	156,100*b										70
75	38.2	294.2	90,100*	57.2	308.6	134,300*b										75
80	30.7	286.7	81,700*	52.1	304.9	117,500*	64.3	311.0	170,000*b							80
85	20.9	275.8	74,700*	46.6	300.5	104,300*	59.7	308.3	144,600*b							85
90				40.6	295.0	93,600*	54.7	304.9	125,500*b							90
95				33.6	288.1	84,700*	49.5	300.9	110,700*b							95
100				25.0	278.8	77,200*	43.7	296.0	98,700*							100
105				10.8	262.3	70,700*	37.3	289.9	89,000*	60.2	303.9	147,300*b				105
110							29.6	282.0	80,800*	55.3	300.7	127,600*b				110
115							19.3	270.5	73,900*	50.1	296.7	112,300*b				115
120										44.5	291.9	100,100*				120
125										38.1	286.0	90,100*				125
130										30.7	278.4	81,800*	55.5	294.3	127,600*b	130
135										20.9	267.6	74,700*	50.3	290.4	112,700*b	135
140													44.6	285.6	100,400*	140
145													38.3	279.7	90,400*	145
150													30.9	272.2	82,000*	150
155													21.2	261.4	74,900*	155

# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 240 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	68.3	325.8	161,400* <b>b</b>													50
55	64.3	323.6	149,100* <b>b</b>													55
60	60.2	320.8	129,000* <b>b</b>													60
65	56.0	317.6	113,400* <b>b</b>	69.7	325.0	166,200* <b>b</b>										65
70	51.5	313.8	100,900*	65.8	322.9	158,100* <b>b</b>										70
75	46.7	309.3	90,800*	61.7	320.3	135,800* <b>b</b>										75
80	41.4	304.0	82,300*	57.6	317.3	118,700*	67.8	322.1	162,900* <b>b</b>							80
85	35.5	297.5	75,100*	53.2	313.7	105,200*	63.8	319.7	146,300* <b>b</b>							85
90	28.6	289.2	69,000*	48.5	309.5	94,300*	59.7	316.9	126,900* <b>b</b>							90
95	19.5	277.5	63,700*	43.4	304.5	85,300*	55.4	313.6	111,700* <b>b</b>							95
100				37.8	298.5	77,700*	50.9	309.8	99,600*							100
105				31.3	290.9	71,200*	46.0	305.2	89,700*							105
110				23.3	280.9	65,600*	40.7	299.7	81,400*	60.2	312.6	129,000* <b>b</b>				110
115				10.0	263.1	60,600*	34.7	293.0	74,400*	55.9	309.4	113,400* <b>b</b>				115
120							27.6	284.5	68,300*	51.4	305.6	101,000*				120
125							18.0	272.0	63,100*	46.6	301.1	90,800*				125
130										41.4	295.8	82,400*				130
135										35.5	289.2	75,200*	56.1	303.0	113,800* <b>b</b>	135
140										28.6	281.0	69,100*	51.6	299.2	101,300*	140
145										19.4	269.2	63,700*	46.8	294.7	91,100*	145
150													41.5	289.4	82,600*	150
155													35.7	283.0	75,400*	155
160													28.8	274.7	69,200*	160
165													19.7	263.1	63,900*	165

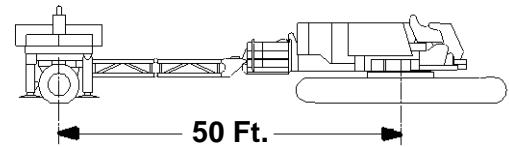


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
 Boom No. 79-44 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



## 240 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	70.8	336.6	148,900*b													50
55	67.4	334.6	142,400*b													55
60	63.8	332.2	129,500*b													60
65	60.2	329.5	113,800*b													65
70	56.4	326.3	101,200*	68.6	333.8	146,500*b										70
75	52.5	322.6	91,000*	65.1	331.6	136,400*										75
80	48.3	318.3	82,500*	61.6	329.0	119,200*										80
85	43.8	313.4	75,300*	57.8	326.0	105,600*	66.9	330.8	143,800*b							85
90	38.9	307.5	69,100*	54.0	322.5	94,600*	63.4	328.4	127,400*b							90
95	33.4	300.5	63,800*	49.9	318.4	85,500*	59.7	325.6	112,100*							95
100	26.9	291.6	59,100*	45.5	313.7	77,800*	55.9	322.3	99,900*							100
105	18.3	279.1	54,900*	40.8	308.2	71,300*	52.0	318.6	89,900*							105
110				35.5	301.7	65,700*	47.7	314.3	81,600*							110
115				29.4	293.6	60,800*	43.2	309.2	74,500*	60.2	321.3	113,900*				115
120				21.9	282.8	56,400*	38.3	303.2	68,500*	56.4	318.1	101,300*				120
125				9.4	263.8	52,500*	32.7	296.0	63,200*	52.5	314.4	91,100*				125
130							26.0	286.8	58,600*	48.3	310.1	82,600*				130
135							16.9	273.5	54,500*	43.8	305.2	75,400*				135
140										38.9	299.3	69,200*	56.5	311.7	101,600*	140
145										33.4	292.3	63,800*	52.6	308.0	91,300*	145
150										26.9	283.3	59,200*	48.4	303.8	82,800*	150
155										18.3	270.8	55,000*	43.9	298.8	75,600*	155
160													39.0	293.0	69,400*	160
165													33.5	286.0	64,000*	165
170													27.0	277.1	59,300*	170
175													18.5	264.7	55,100*	175

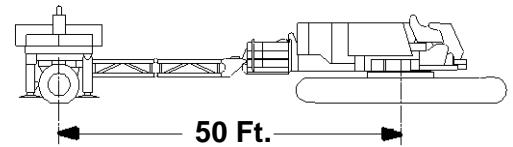


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 240 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	72.8	347.2	136,500*b													50
55	69.7	345.4	130,600*b													55
60	66.6	343.3	125,100*b													60
65	63.5	340.9	114,600*													65
70	60.2	338.1	101,800*	70.9	344.5	134,100*b										70
75	56.8	335.0	91,400*	67.8	342.5	128,700*										75
80	53.3	331.4	82,800*	64.6	340.3	120,100*										80
85	49.6	327.3	75,500*	61.4	337.6	106,200*										85
90	45.6	322.6	69,200*	58.1	334.6	95,000*	66.2	339.5	126,500*b							90
95	41.4	317.2	63,800*	54.6	331.2	85,800*	63.0	337.1	112,900*							95
100	36.8	310.9	59,100*	50.9	327.3	78,000*	59.8	334.3	100,500*							100
105	31.6	303.3	54,900*	47.1	322.8	71,400*	56.4	331.0	90,300*							105
110	25.5	293.8	51,200*	43.0	317.7	65,700*	52.8	327.4	81,800*							110
115	17.3	280.6	47,800*	38.6	311.8	60,800*	49.1	323.2	74,700*							115
120				33.6	304.7	56,400*	45.1	318.5	68,600*	60.2	329.9	101,900*				120
125				27.9	296.1	52,500*	40.9	313.0	63,200*	56.8	326.8	91,500*				125
130				20.7	284.6	49,100*	36.2	306.5	58,600*	53.3	323.2	82,800*				130
135				8.9	264.6	45,900*	30.9	298.7	54,500*	49.5	319.1	75,500*				135
140							24.6	288.9	50,800*	45.6	314.4	69,300*				140
145							16.0	274.9	47,500*	41.4	309.0	63,900*	56.9	320.4	91,800*	145
150										36.8	302.7	59,200*	53.3	316.8	83,100*	150
155										31.6	295.1	55,000*	49.6	312.7	75,700*	155
160										25.4	285.6	51,300*	45.7	308.0	69,500*	160
165										17.3	272.3	47,900*	41.5	302.7	64,000*	165
170													36.9	296.4	59,300*	170
175													31.7	288.8	55,100*	175
180													25.6	279.4	51,400*	180
185													17.5	266.2	48,000*	185

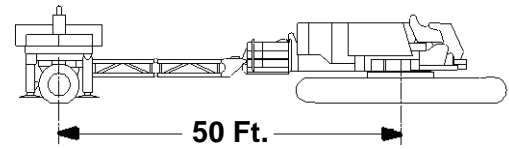


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 240 Ft. Boom, 110 Ft. Jib

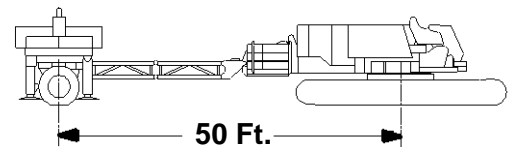
Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.4	357.6	129,300*b													50
55	71.7	356.0	124,600*b													55
60	68.9	354.2	120,000*b													60
65	66.0	352.0	115,600*													65
70	63.1	349.6	104,100*													70
75	60.2	346.8	93,400*	69.9	353.3	122,900*										75
80	57.1	343.7	84,600*	67.1	351.3	118,600*										80
85	53.9	340.1	77,100*	64.2	348.9	108,600*										85
90	50.6	336.2	70,700*	61.3	346.3	97,100*										90
95	47.1	331.7	65,200*	58.2	343.3	87,700*	65.7	348.2	115,400*							95
100	43.4	326.6	60,300*	55.1	339.9	79,700*	62.8	345.7	102,700*							100
105	39.4	320.8	56,100*	51.8	336.1	73,000*	59.8	342.9	92,300*							105
110	35.0	314.1	52,300*	48.4	331.8	67,200*	56.7	339.7	83,600*							110
115	30.1	306.0	48,900*	44.8	327.0	62,100*	53.5	336.2	76,300*							115
120	24.2	296.0	45,800*	40.9	321.5	57,600*	50.2	332.1	70,000*							120
125	16.5	282.0	43,100*	36.7	315.1	53,700*	46.6	327.6	64,600*	60.2	338.6	93,500*				125
130				32.0	307.6	50,100*	42.9	322.4	59,800*	57.1	335.5	84,600*				130
135				26.5	298.4	47,000*	38.9	316.5	55,600*	53.9	331.9	77,200*				135
140				19.7	286.3	44,100*	34.4	309.6	51,900*	50.6	328.0	70,800*				140
145				8.4	265.2	41,400*	29.4	301.4	48,500*	47.1	323.5	65,200*				145
150							23.4	291.0	45,500*	43.4	318.4	60,400*	57.2	329.1	84,900*	150
155							15.2	276.2	42,800*	39.4	312.6	56,100*	54.0	325.6	77,400*	155
160										35.0	305.8	52,300*	50.6	321.6	70,900*	160
165										30.0	297.8	49,000*	47.2	317.1	65,400*	165
170										24.2	287.7	45,900*	43.4	312.1	60,500*	170
175										16.4	273.7	43,100*	39.5	306.3	56,300*	175
180													35.1	299.5	52,500*	180
185													30.2	291.5	49,100*	185
190													24.4	281.5	46,000*	190
195													16.7	267.7	43,200*	195

# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 240 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	73.2	366.5	114,700* <sup>b</sup>													55
60	70.7	364.9	110,600* <sup>b</sup>													60
65	68.2	362.9	106,600*													65
70	65.5	360.7	102,800*													70
75	62.9	358.2	93,800*													75
80	60.2	355.5	84,800*	69.1	362.1	109,200*										80
85	57.3	352.3	77,300*	66.5	360.0	105,500*										85
90	54.4	348.9	70,800*	63.9	357.6	97,600*										90
95	51.4	345.0	65,200*	61.2	355.0	88,000*	67.8	359.2	107,400*							95
100	48.3	340.7	60,300*	58.4	352.0	79,900*	65.2	356.9	103,300*							100
105	44.9	335.9	56,000*	55.5	348.6	73,100*	62.5	354.4	92,700*							105
110	41.4	330.4	52,100*	52.5	344.9	67,200*	59.8	351.6	83,900*							110
115	37.6	324.2	48,700*	49.4	340.8	62,000*	57.0	348.4	76,400*							115
120	33.4	317.1	45,600*	46.2	336.2	57,500*	54.1	344.9	70,100*							120
125	28.7	308.6	42,800*	42.7	330.9	53,500*	51.0	341.0	64,600*	62.9	350.0	93,900*				125
130	23.2	298.0	40,300*	39.0	325.0	49,900*	47.9	336.6	59,700*	60.1	347.2	84,900*				130
135	15.8	283.4	38,000*	35.0	318.3	46,700*	44.5	331.7	55,500*	57.3	344.1	77,300*				135
140				30.5	310.3	43,800*	41.0	326.2	51,700*	54.4	340.7	70,800*				140
145				25.3	300.6	41,200*	37.1	319.9	48,300*	51.4	336.8	65,200*				145
150				18.8	287.9	38,800*	32.9	312.6	45,300*	48.3	332.5	60,300*				150
155				8.0	265.9	36,600*	28.1	303.9	42,500*	44.9	327.7	56,000*	57.4	337.7	77,500*	155
160							22.4	293.0	40,000*	41.4	322.2	52,200*	54.5	334.3	71,000*	160
165							14.6	277.4	37,700*	37.6	316.0	48,800*	51.5	330.4	65,400*	165
170										33.4	308.8	45,700*	48.3	326.1	60,500*	170
175										28.7	300.3	42,900*	45.0	321.3	56,100*	175
180										23.1	289.8	40,300*	41.5	315.9	52,300*	180
185										15.7	275.1	38,000*	37.7	309.7	48,900*	185
190													33.5	302.6	45,800*	190
195													28.8	294.1	43,000*	195
200													23.3	283.6	40,400*	200
205													15.9	269.0	38,100*	205

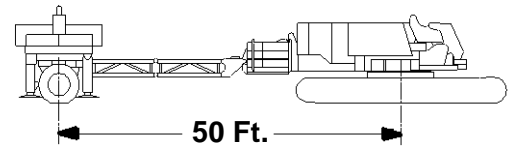


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 240 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.6	377.0	107,300*													55
60	72.3	375.4	103,800*													60
65	69.9	373.7	100,200*													65
70	67.5	371.7	96,700*													70
75	65.1	369.4	93,400*													75
80	62.7	366.9	84,800*	70.8	372.8	102,400*										80
85	60.1	364.1	77,100*	68.4	370.9	99,000*										85
90	57.5	361.0	70,600*	66.0	368.7	95,800*										90
95	54.9	357.6	65,000*	63.6	366.3	87,900*										95
100	52.1	353.8	60,100*	61.1	363.6	79,800*	67.2	367.9	97,500*							100
105	49.2	349.7	55,800*	58.5	360.6	72,900*	64.8	365.6	92,600*							105
110	46.2	345.0	52,000*	55.9	357.3	67,000*	62.3	363.1	83,800*							110
115	43.1	339.9	48,500*	53.1	353.7	61,900*	59.8	360.2	76,300*							115
120	39.7	334.1	45,500*	50.3	349.7	57,300*	57.2	357.1	69,900*							120
125	36.1	327.5	42,700*	47.4	345.2	53,300*	54.5	353.6	64,400*							125
130	32.1	320.0	40,100*	44.3	340.3	49,800*	51.8	349.8	59,600*	62.7	358.7	84,800*				130
135	27.6	311.0	37,800*	41.0	334.7	46,600*	48.9	345.6	55,300*	60.1	355.9	77,200*				135
140	22.2	300.0	35,700*	37.4	328.5	43,700*	45.9	340.9	51,600*	57.5	352.8	70,700*				140
145	15.1	284.7	33,700*	33.6	321.3	41,100*	42.7	335.7	48,200*	54.9	349.4	65,100*				145
150				29.3	312.9	38,700*	39.3	329.8	45,100*	52.1	345.6	60,200*				150
155				24.3	302.8	36,500*	35.6	323.1	42,400*	49.2	341.4	55,900*				155
160				18.0	289.5	34,400*	31.5	315.4	39,900*	46.2	336.8	52,000*	57.6	346.4	70,900*	160
165				7.7	266.5	32,500*	26.9	306.3	37,600*	43.1	331.6	48,600*	54.9	343.0	65,200*	165
170							21.4	294.8	35,500*	39.7	325.8	45,500*	52.2	339.2	60,300*	170
175							14.0	278.6	33,500*	36.0	319.3	42,700*	49.3	335.1	56,000*	175
180										32.1	311.7	40,200*	46.3	330.5	52,100*	180
185										27.5	302.8	37,900*	43.1	325.3	48,700*	185
190										22.2	291.7	35,700*	39.8	319.5	45,600*	190
195										15.1	276.4	33,800*	36.1	313.0	42,800*	195
200													32.2	305.4	40,300*	200
205													27.7	296.6	37,900*	205
210													22.3	285.5	35,800*	210
215													15.3	270.4	33,800*	215

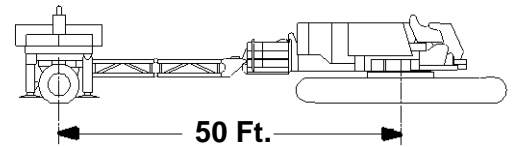


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 240 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	73.6	385.9	96,900*													60
65	71.4	384.3	93,700*													65
70	69.2	382.5	90,600*													70
75	67.0	380.4	87,500*													75
80	64.8	378.1	84,300*													80
85	62.5	375.6	76,700*	70.0	381.6	92,500*										85
90	60.1	372.8	70,200*	67.8	379.6	89,600*										90
95	57.7	369.7	64,600*	65.6	377.4	86,700*										95
100	55.3	366.3	59,700*	63.3	375.0	79,400*										100
105	52.7	362.6	55,300*	61.0	372.3	72,500*	66.7	376.6	88,200*							105
110	50.1	358.6	51,500*	58.6	369.3	66,600*	64.5	374.3	83,400*							110
115	47.3	354.1	48,100*	56.2	366.0	61,400*	62.2	371.7	75,900*							115
120	44.5	349.1	45,000*	53.7	362.5	56,900*	59.8	368.9	69,500*							120
125	41.4	343.7	42,200*	51.1	358.5	52,900*	57.4	365.8	64,000*							125
130	38.2	337.5	39,700*	48.3	354.2	49,300*	54.9	362.4	59,100*							130
135	34.7	330.6	37,300*	45.5	349.4	46,100*	52.4	358.6	54,900*	62.5	367.4	76,800*				135
140	30.9	322.7	35,200*	42.6	344.2	43,200*	49.7	354.5	51,100*	60.1	364.6	70,300*				140
145	26.5	313.4	33,300*	39.4	338.3	40,600*	47.0	350.0	47,700*	57.7	361.5	64,600*				145
150	21.4	301.8	31,400*	36.0	331.7	38,200*	44.1	345.0	44,600*	55.2	358.1	59,700*				150
155	14.5	285.9	29,800*	32.3	324.2	36,000*	41.0	339.4	41,900*	52.7	354.4	55,400*				155
160				28.2	315.4	34,000*	37.8	333.2	39,400*	50.1	350.3	51,500*				160
165				23.4	304.8	32,100*	34.2	326.2	37,100*	47.3	345.9	48,100*	57.8	355.1	64,800*	165
170				17.4	291.0	30,400*	30.3	318.1	35,000*	44.4	340.9	45,000*	55.3	351.7	59,900*	170
175				7.4	267.1	28,800*	25.9	308.6	33,100*	41.4	335.4	42,200*	52.8	348.0	55,500*	175
180							20.6	296.6	31,300*	38.2	329.3	39,700*	50.1	344.0	51,700*	180
185							13.4	279.8	29,600*	34.7	322.4	37,400*	47.4	339.5	48,200*	185
190										30.8	314.5	35,300*	44.5	334.6	45,100*	190
195										26.5	305.1	33,300*	41.5	329.1	42,300*	195
200										21.3	293.6	31,500*	38.2	323.0	39,800*	200
205										14.5	277.6	29,800*	34.8	316.1	37,500*	205
210													30.9	308.2	35,300*	210
215													26.6	298.9	33,400*	215
220													21.5	287.4	31,600*	220
225													14.7	271.6	29,900*	225

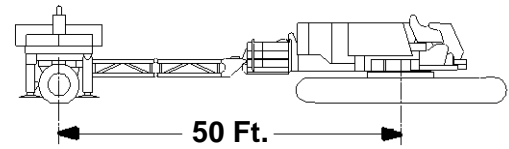


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 240 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.7	396.4	92,100*													60
65	72.7	394.8	89,400*													65
70	70.7	393.1	86,700*													70
75	68.6	391.2	84,000*													75
80	66.6	389.1	81,500*													80
85	64.5	386.8	77,400*													85
90	62.3	384.2	70,800*	69.4	390.4	85,700*										90
95	60.1	381.4	65,100*	67.3	388.4	83,300*										95
100	57.9	378.4	60,200*	65.2	386.1	80,200*										100
105	55.6	375.0	55,800*	63.1	383.6	73,200*										105
110	53.2	371.4	51,900*	60.9	380.9	67,200*	66.3	385.3	82,000*							110
115	50.8	367.4	48,400*	58.7	378.0	61,900*	64.2	383.0	76,600*							115
120	48.3	363.1	45,300*	56.4	374.7	57,300*	62.0	380.4	70,100*							120
125	45.6	358.3	42,500*	54.1	371.2	53,300*	59.8	377.6	64,500*							125
130	42.9	353.1	39,900*	51.7	367.3	49,700*	57.6	374.5	59,600*							130
135	39.9	347.3	37,600*	49.2	363.1	46,400*	55.3	371.1	55,300*							135
140	36.8	340.9	35,400*	46.6	358.5	43,500*	52.9	367.4	51,500*	62.3	376.0	70,900*				140
145	33.5	333.7	33,400*	43.9	353.5	40,800*	50.5	363.4	48,000*	60.1	373.2	65,200*				145
150	29.8	325.4	31,600*	41.0	347.9	38,400*	47.9	359.0	44,900*	57.9	370.2	60,200*				150
155	25.6	315.6	29,900*	38.0	341.8	36,200*	45.3	354.2	42,200*	55.6	366.8	55,800*				155
160	20.6	303.6	28,300*	34.7	334.9	34,200*	42.5	348.9	39,600*	53.2	363.2	51,900*				160
165	14.0	287.1	26,900*	31.2	327.0	32,300*	39.6	343.0	37,300*	50.8	359.2	48,500*				165
170				27.2	317.9	30,500*	36.4	336.5	35,200*	48.2	354.9	45,300*	57.9	363.8	60,300*	170
175				22.6	306.8	28,900*	33.0	329.2	33,200*	45.6	350.1	42,500*	55.6	360.4	55,900*	175
180				16.8	292.4	27,400*	29.3	320.7	31,400*	42.8	344.9	39,900*	53.3	356.8	52,000*	180
185				7.1	267.7	26,000*	25.0	310.8	29,700*	39.9	339.1	37,600*	50.8	352.8	48,600*	185
190							19.9	298.4	28,200*	36.8	332.7	35,400*	48.3	348.5	45,400*	190
195							12.9	280.9	26,700*	33.4	325.4	33,500*	45.7	343.7	42,600*	195
200										29.8	317.1	31,700*	42.9	338.5	40,000*	200
205										25.6	307.4	30,000*	40.0	332.8	37,700*	205
210										20.6	295.4	28,400*	36.9	326.4	35,500*	210
215										14.0	278.8	26,900*	33.5	319.1	33,500*	215
220													29.8	310.9	31,700*	220
225													25.7	301.2	30,000*	225
230													20.7	289.2	28,400*	230
235													14.2	272.8	27,000*	235

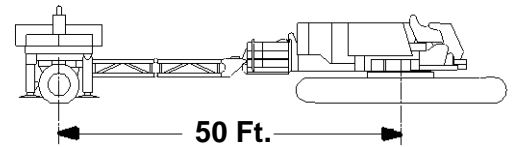


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 240 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.8	405.3	82,400*													65
70	71.9	403.7	80,100*													70
75	70.0	402.0	77,700*													75
80	68.1	400.0	75,300*													80
85	66.2	397.8	73,000*													85
90	64.2	395.5	70,700*	70.7	401.1	79,100*										90
95	62.2	392.9	65,300*	68.8	399.2	76,800*										95
100	60.1	390.1	60,200*	66.9	397.1	74,600*										100
105	58.0	387.0	55,700*	64.9	394.8	72,400*										105
110	55.9	383.7	51,800*	62.9	392.3	67,300*	67.9	396.2	75,500*							110
115	53.7	380.1	48,200*	60.9	389.6	62,000*	65.9	394.1	73,500*							115
120	51.4	376.2	45,100*	58.8	386.6	57,300*	63.9	391.7	70,300*							120
125	49.0	372.0	42,200*	56.7	383.4	53,200*	61.9	389.1	64,600*							125
130	46.6	367.4	39,600*	54.5	379.9	49,500*	59.9	386.2	59,600*							130
135	44.1	362.4	37,200*	52.2	376.1	46,200*	57.7	383.1	55,200*							135
140	41.4	356.9	35,100*	49.9	372.0	43,300*	55.6	379.8	51,300*							140
145	38.6	350.8	33,100*	47.5	367.6	40,600*	53.4	376.2	47,900*	62.2	384.7	65,300*				145
150	35.6	344.1	31,200*	45.0	362.7	38,100*	51.1	372.2	44,700*	60.1	381.9	60,200*				150
155	32.4	336.6	29,500*	42.4	357.4	35,900*	48.7	367.9	41,900*	58.0	378.8	55,800*				155
160	28.8	327.9	28,000*	39.7	351.6	33,800*	46.3	363.3	39,300*	55.9	375.5	51,800*				160
165	24.7	317.8	26,500*	36.7	345.1	31,900*	43.7	358.2	37,000*	53.7	371.9	48,300*				165
170	19.9	305.4	25,100*	33.6	337.9	30,200*	41.1	352.7	34,900*	51.4	368.0	45,100*				170
175	13.6	288.3	23,800*	30.1	329.7	28,500*	38.2	346.5	32,900*	49.0	363.8	42,300*				175
180				26.3	320.2	27,000*	35.2	339.7	31,100*	46.6	359.2	39,700*	55.9	369.1	51,900*	180
185				21.8	308.7	25,600*	31.9	332.0	29,400*	44.1	354.2	37,300*	53.7	365.6	48,400*	185
190				16.2	293.8	24,300*	28.3	323.3	27,800*	41.4	348.7	35,100*	51.4	361.7	45,200*	190
195				6.9	268.3	23,000*	24.2	312.9	26,300*	38.6	342.6	33,100*	49.1	357.4	42,300*	195
200							19.3	300.1	25,000*	35.6	335.9	31,300*	46.7	352.8	39,700*	200
205							12.5	281.9	23,700*	32.3	328.3	29,600*	44.1	347.8	37,400*	205
210										28.8	319.7	28,000*	41.5	342.3	35,200*	210
215										24.7	309.6	26,500*	38.7	336.3	33,200*	215
220										19.9	297.1	25,100*	35.7	329.6	31,400*	220
225										13.5	280.0	23,800*	32.4	322.1	29,600*	225
230													28.9	313.5	28,100*	230
235													24.8	303.4	26,600*	235
240													20.0	291.0	25,200*	240
245													13.7	274.0	23,900*	245

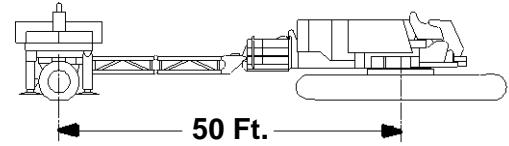


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 240 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.8	415.7	77,500*													65
70	73.0	414.2	75,300*													70
75	71.3	412.6	73,200*													75
80	69.5	410.8	71,000*													80
85	67.6	408.8	68,800*													85
90	65.8	406.6	66,700*													90
95	63.9	404.2	64,200*	70.1	409.9	72,300*										95
100	62.0	401.6	59,900*	68.3	407.9	70,300*										100
105	60.1	398.8	55,400*	66.5	405.8	68,200*										105
110	58.1	395.7	51,500*	64.6	403.5	65,700*										110
115	56.1	392.4	47,900*	62.7	401.0	61,700*	67.4	405.0	69,000*							115
120	54.1	388.9	44,800*	60.8	398.3	57,000*	65.6	402.8	66,900*							120
125	51.9	385.1	41,900*	58.9	395.3	52,900*	63.7	400.3	64,300*							125
130	49.7	380.9	39,300*	56.9	392.1	49,200*	61.8	397.7	59,300*							130
135	47.5	376.4	36,900*	54.8	388.7	45,900*	59.9	394.9	54,900*							135
140	45.1	371.6	34,800*	52.7	384.9	42,900*	57.9	391.8	51,000*							140
145	42.7	366.3	32,800*	50.6	380.9	40,200*	55.9	388.5	47,500*							145
150	40.1	360.6	30,900*	48.3	376.6	37,800*	53.8	384.9	44,400*	62.0	393.4	59,900*				150
155	37.4	354.2	29,200*	46.0	371.9	35,500*	51.7	381.0	41,600*	60.1	390.5	55,500*				155
160	34.5	347.2	27,600*	43.6	366.7	33,500*	49.5	376.9	39,000*	58.1	387.5	51,500*				160
165	31.4	339.4	26,200*	41.1	361.2	31,600*	47.2	372.3	36,700*	56.1	384.2	48,000*				165
170	27.9	330.4	24,800*	38.4	355.1	29,800*	44.8	367.4	34,500*	54.0	380.7	44,800*				170
175	24.0	319.9	23,500*	35.6	348.3	28,200*	42.4	362.1	32,500*	51.9	376.8	41,900*				175
180	19.3	307.1	22,300*	32.5	340.8	26,700*	39.8	356.3	30,700*	49.7	372.7	39,300*				180
185	13.1	289.4	21,100*	29.2	332.3	25,300*	37.0	349.9	29,000*	47.5	368.2	37,000*	56.2	377.8	48,100*	185
190				25.5	322.4	24,000*	34.1	342.8	27,500*	45.1	363.4	34,800*	54.1	374.3	44,900*	190
195				21.2	310.6	22,700*	30.9	334.8	26,000*	42.7	358.1	32,800*	52.0	370.5	42,000*	195
200				15.7	295.2	21,600*	27.4	325.7	24,700*	40.1	352.3	31,000*	49.8	366.3	39,400*	200
205				6.6	268.8	20,500*	23.4	315.0	23,400*	37.4	346.0	29,300*	47.5	361.9	37,000*	205
210							18.7	301.7	22,200*	34.5	339.0	27,700*	45.2	357.0	34,900*	210
215							12.1	283.0	21,000*	31.3	331.1	26,200*	42.7	351.8	32,900*	215
220										27.9	322.2	24,800*	40.2	346.0	31,000*	220
225										24.0	311.7	23,500*	37.4	339.7	29,300*	225
230										19.3	298.8	22,300*	34.6	332.7	27,700*	230
235										13.1	281.1	21,200*	31.4	324.9	26,300*	235
240													28.0	315.9	24,900*	240
245													24.1	305.5	23,600*	245
250													19.4	292.7	22,400*	250
255													13.3	275.2	21,200*	255



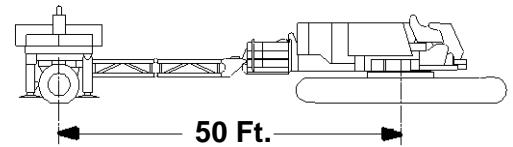


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 240 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.0	424.7	69,200*													70
75	72.3	423.1	69,000*													75
80	70.7	421.4	66,500*													80
85	69.0	419.5	64,500*													85
90	67.2	417.5	62,000*													90
95	65.5	415.3	59,500*													95
100	63.7	412.8	57,000*	69.6	418.7	65,700*										100
105	61.9	410.2	54,600*	67.9	416.7	63,400*										105
110	60.1	407.4	50,900*	66.1	414.5	60,800*										110
115	58.2	404.4	47,400*	64.4	412.2	58,400*										115
120	56.3	401.1	44,200*	62.6	409.7	56,000*	67.0	413.7	61,900*							120
125	54.4	397.6	41,300*	60.8	406.9	52,300*	65.3	411.5	59,600*							125
130	52.4	393.8	38,700*	58.9	404.0	48,700*	63.5	409.0	57,200*							130
135	50.4	389.8	36,400*	57.0	400.8	45,400*	61.7	406.4	54,400*							135
140	48.2	385.4	34,200*	55.1	397.4	42,400*	59.9	403.5	50,500*							140
145	46.1	380.7	32,200*	53.1	393.7	39,700*	58.0	400.5	47,000*							145
150	43.8	375.6	30,400*	51.1	389.8	37,200*	56.1	397.2	43,900*							150
155	41.4	370.1	28,700*	49.0	385.5	35,000*	54.1	393.6	41,000*	61.9	402.0	54,900*				155
160	38.9	364.1	27,100*	46.9	380.9	32,900*	52.1	389.8	38,500*	60.1	399.2	51,000*				160
165	36.3	357.5	25,600*	44.6	376.0	31,100*	50.1	385.8	36,100*	58.2	396.2	47,400*				165
170	33.5	350.2	24,300*	42.3	370.6	29,300*	48.0	381.3	34,000*	56.3	392.9	44,300*				170
175	30.4	342.1	23,000*	39.9	364.8	27,700*	45.8	376.6	32,000*	54.4	389.4	41,400*				175
180	27.1	332.8	21,800*	37.3	358.4	26,200*	43.5	371.5	30,200*	52.4	385.6	38,800*				180
185	23.3	322.0	20,600*	34.5	351.4	24,800*	41.1	365.9	28,500*	50.3	381.6	36,400*				185
190	18.8	308.7	19,600*	31.6	343.6	23,400*	38.6	359.8	26,900*	48.2	377.2	34,200*	56.4	386.5	44,400*	190
195	12.8	290.5	18,500*	28.4	334.8	22,200*	35.9	353.1	25,500*	46.0	372.5	32,300*	54.4	383.0	41,500*	195
200				24.7	324.6	21,100*	33.1	345.8	24,100*	43.8	367.4	30,400*	52.4	379.3	38,900*	200
205				20.5	312.4	20,000*	30.0	337.5	22,800*	41.4	361.9	28,700*	50.4	375.2	36,500*	205
210				15.2	296.5	18,900*	26.6	328.1	21,600*	38.9	355.9	27,100*	48.3	370.9	34,300*	210
215				6.4	269.4	17,900*	22.8	317.0	20,500*	36.3	349.3	25,700*	46.1	366.2	32,300*	215
220							18.1	303.3	19,500*	33.5	342.0	24,300*	43.8	361.1	30,500*	220
225							11.8	284.0	18,400*	30.4	333.9	23,000*	41.5	355.6	28,800*	225
230										27.1	324.6	21,800*	39.0	349.6	27,200*	230
235										23.3	313.7	20,700*	36.3	343.0	25,700*	235
240										18.7	300.4	19,600*	33.5	335.7	24,300*	240
245										12.7	282.2	18,600*	30.5	327.6	23,100*	245
250													27.2	318.4	21,900*	250
255													23.4	307.6	20,700*	255
260													18.9	294.3	19,600*	260
265													12.9	276.3	18,600*	265

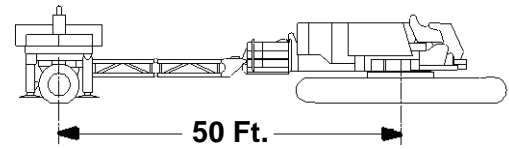


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 240 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.9	435.1	62,400*													70
75	73.3	433.6	61,800*													75
80	71.7	432.0	61,200*													80
85	70.1	430.2	60,100*													85
90	68.5	428.3	57,800*													90
95	66.9	426.2	55,600*													95
100	65.2	424.0	53,200*	70.7	429.4	60,900*										100
105	63.5	421.5	50,900*	69.1	427.5	59,000*										105
110	61.8	418.9	48,600*	67.5	425.5	56,800*										110
115	60.1	416.1	46,300*	65.8	423.3	54,500*										115
120	58.3	413.1	43,700*	64.1	420.9	52,100*										120
125	56.5	409.8	40,800*	62.5	418.3	49,800*	66.7	422.4	55,500*							125
130	54.7	406.3	38,200*	60.7	415.6	47,600*	65.0	420.2	53,300*							130
135	52.8	402.6	35,900*	59.0	412.6	44,800*	63.3	417.7	51,000*							135
140	50.9	398.6	33,700*	57.2	409.5	41,900*	61.6	415.0	48,800*							140
145	48.9	394.4	31,700*	55.4	406.1	39,200*	59.9	412.2	46,500*							145
150	46.9	389.8	29,900*	53.5	402.5	36,700*	58.1	409.1	43,400*							150
155	44.8	384.9	28,200*	51.6	398.6	34,500*	56.3	405.9	40,500*							155
160	42.5	379.6	26,600*	49.6	394.4	32,400*	54.5	402.4	38,000*	61.8	410.7	48,800*				160
165	40.3	373.8	25,100*	47.6	389.9	30,500*	52.6	398.6	35,600*	60.1	407.9	46,700*				165
170	37.8	367.6	23,700*	45.5	385.2	28,800*	50.6	394.6	33,500*	58.3	404.8	43,700*				170
175	35.3	360.7	22,500*	43.4	380.0	27,200*	48.7	390.3	31,500*	56.5	401.6	40,900*				175
180	32.6	353.2	21,300*	41.1	374.4	25,700*	46.6	385.7	29,700*	54.7	398.1	38,300*				180
185	29.6	344.7	20,100*	38.7	368.3	24,300*	44.5	380.7	28,000*	52.8	394.4	35,900*				185
190	26.3	335.2	19,100*	36.2	361.7	22,900*	42.3	375.3	26,400*	50.9	390.4	33,700*				190
195	22.6	324.0	18,100*	33.6	354.5	21,700*	40.0	369.5	25,000*	48.9	386.2	31,700*	56.6	395.2	41,000*	195
200	18.3	310.3	17,100*	30.7	346.4	20,600*	37.5	363.2	23,600*	46.9	381.6	29,900*	54.7	391.7	38,400*	200
205	12.4	291.6	16,200*	27.6	337.3	19,500*	34.9	356.3	22,300*	44.7	376.6	28,200*	52.9	388.0	36,000*	205
210				24.1	326.8	18,400*	32.2	348.6	21,100*	42.5	371.3	26,600*	50.9	384.1	33,800*	210
215				20.0	314.2	17,500*	29.2	340.1	20,000*	40.2	365.6	25,200*	49.0	379.8	31,800*	215
220				14.8	297.8	16,500*	25.9	330.4	19,000*	37.8	359.3	23,800*	46.9	375.2	30,000*	220
225				6.3	269.9	15,600*	22.1	318.9	18,000*	35.3	352.5	22,500*	44.8	370.3	28,300*	225
230							17.6	304.8	17,000*	32.5	344.9	21,300*	42.6	365.0	26,700*	230
235							11.5	285.0	16,100*	29.6	336.5	20,200*	40.3	359.3	25,200*	235
240										26.3	326.9	19,100*	37.9	353.0	23,800*	240
245										22.6	315.7	18,100*	35.3	346.2	22,500*	245
250										18.2	302.0	17,100*	32.6	338.7	21,300*	250
255										12.4	283.3	16,200*	29.7	330.3	20,200*	255
260													26.4	320.7	19,100*	260
265													22.7	309.6	18,100*	265
270													18.3	295.9	17,200*	270
275													12.5	277.4	16,300*	275

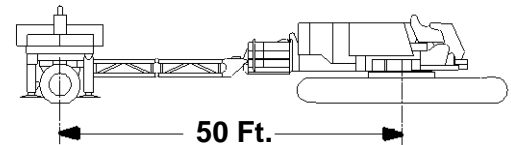


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 240 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
75	74.2	444.1	55,000*													75
80	72.7	442.5	54,400*													80
85	71.1	440.9	53,900*													85
90	69.6	439.1	52,000*													90
95	68.1	437.1	49,700*													95
100	66.5	435.0	47,500*													100
105	65.0	432.7	45,300*	70.2	438.2	53,000*										105
110	63.4	430.2	43,100*	68.7	436.3	50,800*										110
115	61.7	427.6	40,900*	67.1	434.2	48,600*										115
120	60.1	424.7	38,800*	65.5	432.0	46,500*										120
125	58.4	421.7	36,800*	63.9	429.6	44,200*	67.9	433.3	49,600*							125
130	56.7	418.5	34,900*	62.3	427.0	42,000*	66.3	431.2	47,500*							130
135	55.0	415.1	33,000*	60.7	424.2	39,900*	64.8	428.9	45,300*							135
140	53.2	411.4	31,300*	59.0	421.3	37,900*	63.2	426.4	43,200*							140
145	51.4	407.5	29,500*	57.3	418.1	35,900*	61.5	423.7	41,000*							145
150	49.5	403.3	27,900*	55.6	414.8	34,000*	59.9	420.9	39,000*							150
155	47.6	398.8	26,300*	53.9	411.2	32,200*	58.2	417.8	37,000*							155
160	45.6	394.0	24,800*	52.1	407.4	30,400*	56.5	414.6	35,100*							160
165	43.6	388.9	23,300*	50.2	403.3	28,800*	54.8	411.1	33,200*	61.7	419.4	41,200*				165
170	41.4	383.3	22,000*	48.3	398.9	27,100*	53.0	407.4	31,400*	60.1	416.5	39,200*				170
175	39.2	377.4	20,600*	46.3	394.3	25,600*	51.1	403.4	29,700*	58.4	413.5	37,300*				175
180	36.8	370.9	19,400*	44.3	389.2	24,100*	49.3	399.2	28,100*	56.7	410.3	35,400*				180
185	34.4	363.8	18,200*	42.2	383.9	22,700*	47.3	394.7	26,500*	55.0	406.8	33,600*				185
190	31.7	356.0	17,000*	40.0	378.1	21,300*	45.3	389.9	24,900*	53.2	403.2	31,800*				190
195	28.8	347.3	15,900*	37.7	371.8	20,000*	43.3	384.7	23,500*	51.4	399.3	30,100*				195
200	25.7	337.4	14,900*	35.3	364.9	18,800*	41.1	379.1	22,100*	49.5	395.1	28,400*	56.7	403.9	35,300*	200
205	22.1	325.9	13,900*	32.7	357.4	17,600*	38.9	373.1	20,800*	47.6	390.6	26,800*	55.0	400.5	33,500*	205
210	17.8	311.9	12,900*	29.9	349.1	16,500*	36.5	366.5	19,500*	45.6	385.8	25,300*	53.2	396.8	31,800*	210
215	12.1	292.6	12,100*	26.9	339.7	15,400*	34.0	359.4	18,300*	43.5	380.7	23,800*	51.4	392.9	30,100*	215
220				23.4	328.8	14,400*	31.3	351.5	17,100*	41.4	375.1	22,400*	49.5	388.7	28,500*	220
225				19.5	315.9	13,400*	28.4	342.6	16,000*	39.2	369.1	21,100*	47.6	384.2	26,900*	225
230				14.4	299.1	12,500*	25.2	332.6	15,000*	36.8	362.7	19,800*	45.6	379.5	25,400*	230
235				6.1	270.4	11,800*	21.6	320.8	14,000*	34.3	355.6	18,600*	43.6	374.3	24,000*	235
240							17.2	306.3	13,100*	31.7	347.8	17,400*	41.5	368.8	22,600*	240
245							11.1	285.9	12,200*	28.8	339.1	16,300*	39.2	362.8	21,300*	245
250										25.6	329.2	15,300*	36.9	356.4	20,000*	250
255										22.0	317.7	14,300*	34.4	349.3	18,800*	255
260										17.8	303.6	13,300*	31.8	341.5	17,600*	260
265										12.0	284.3	12,500*	28.9	332.8	16,500*	265
270													25.7	323.0	15,400*	270
275													22.1	311.5	14,400*	275
280													17.9	297.5	13,500*	280
285													12.2	278.4	12,600*	285

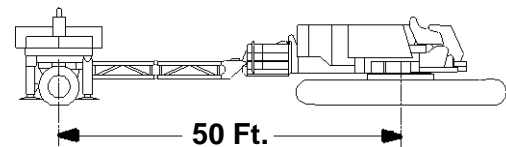


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 260 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	65.9	335.3	176,100*b													50
55	61.3	332.7	152,200*b													55
60	56.4	329.6	131,300*b													60
65	51.3	325.8	115,200*b	68.8	335.1	181,700*b										65
70	45.7	321.2	102,400*	64.3	332.8	169,400*b										70
75	39.5	315.6	92,000*	59.6	330.0	144,200*b										75
80	32.4	308.4	83,400*	54.6	326.6	125,200*b	67.5	332.4	180,900*b							80
85	23.3	298.5	76,100*	49.4	322.6	110,400*b	62.9	330.0	161,400*b							85
90	5.5	277.5	67,700*	43.6	317.7	98,500*	58.2	327.0	138,200*b							90
95				37.2	311.6	88,800*	53.2	323.5	120,600*b							95
100				29.5	303.6	80,700*	47.8	319.2	106,800*b							100
105				19.1	292.0	73,800*	41.9	313.9	95,600*							105
110							35.1	307.4	86,300*	60.4	323.4	148,100*b				110
115							26.9	298.7	78,600*	55.5	320.1	128,200*b				115
120							14.8	284.9	72,000*	50.3	316.2	112,800*b				120
125										44.7	311.4	100,500*				125
130										38.4	305.6	90,400*				130
135										31.0	298.0	82,100*	57.3	314.4	119,800*b	135
140										21.3	287.4	75,000*	52.2	310.7	115,300*b	140
145													46.7	306.2	104,600*	145
150													40.7	300.8	93,800*	150
155													33.8	294.0	84,900*	155
160													25.2	284.7	77,400*	160
165													11.3	268.5	70,900*	165

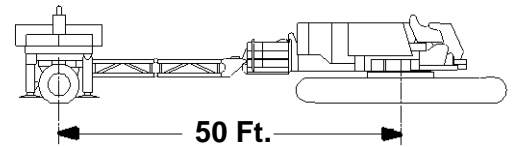


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 260 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	69.1	346.2	158,900*b													50
55	65.1	344.0	152,100*b													55
60	61.1	341.4	132,800*b													60
65	56.9	338.3	116,300*b													65
70	52.4	334.6	103,300*	67.7	343.8	158,600*b										70
75	47.7	330.3	92,700*	63.7	341.5	145,900*b										75
80	42.6	325.2	84,000*	59.6	338.7	126,500*b										80
85	36.8	318.9	76,600*	55.3	335.4	111,400*b	66.6	341.1	157,200*b							85
90	30.2	311.1	70,200*	50.8	331.5	99,400*	62.6	338.6	139,800*b							90
95	21.7	300.4	64,700*	45.9	326.9	89,500*	58.4	335.7	121,900*b							95
100	5.1	277.8	59,800*	40.6	321.4	81,200*	54.1	332.2	107,700*							100
105				34.6	314.7	74,200*	49.4	328.1	96,400*							105
110				27.5	306.1	68,200*	44.5	323.3	87,000*							110
115				17.8	293.5	63,000*	39.0	317.5	79,100*	60.4	332.0	129,700*b				115
120							32.7	310.4	72,400*	56.1	328.8	113,900*b				120
125							25.1	301.0	66,700*	51.6	325.0	101,400*				125
130							13.8	286.0	61,600*	46.8	320.6	91,100*				130
135										41.6	315.3	82,600*				135
140										35.7	308.8	75,400*	57.6	323.0	114,500*b	140
145										28.9	300.6	69,300*	53.2	319.5	105,600*	145
150										19.8	289.1	63,900*	48.6	315.3	94,600*	150
155													43.5	310.3	85,500*	155
160													37.9	304.3	77,900*	160
165													31.5	296.8	71,400*	165
170													23.5	286.8	65,800*	170
175													10.5	269.4	60,800*	175

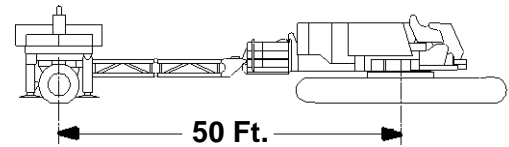


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 260 Ft. Boom, 90 Ft. Jib

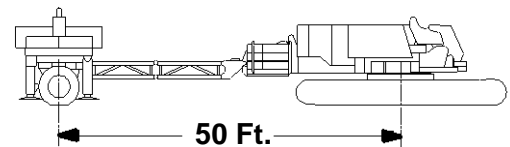
Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	71.5	356.9	146,400*b													50
55	68.1	355.0	140,300*b													55
60	64.6	352.7	133,300*b													60
65	61.0	350.1	116,800*b													65
70	57.2	347.0	103,700*	70.3	354.6	145,900*b										70
75	53.3	343.4	93,000*	66.8	352.5	140,300*b										75
80	49.2	339.3	84,200*	63.3	350.1	127,000*b										80
85	44.8	334.5	76,700*	59.7	347.3	111,800*b										85
90	40.0	328.8	70,300*	55.9	344.1	99,700*	65.8	349.8	139,100*b							90
95	34.6	322.1	64,800*	51.9	340.3	89,700*	62.3	347.3	122,300*b							95
100	28.4	313.6	60,000*	47.7	336.0	81,400*	58.6	344.3	108,100*							100
105	20.4	302.2	55,800*	43.1	330.9	74,400*	54.7	341.0	96,700*							105
110	4.8	278.2	51,900*	38.2	324.9	68,300*	50.7	337.0	87,200*							110
115				32.5	317.6	63,100*	46.4	332.5	79,300*							115
120				25.8	308.4	58,500*	41.8	327.2	72,600*	60.3	340.7	114,400*b				120
125				16.7	294.9	54,400*	36.6	320.9	66,800*	56.5	337.5	101,700*				125
130							30.8	313.1	61,700*	52.6	333.9	91,400*				130
135							23.6	303.0	57,300*	48.4	329.6	82,800*				135
140							12.9	287.1	53,300*	44.0	324.7	75,600*				140
145										39.1	318.9	69,400*	57.9	331.7	106,000*	145
150										33.6	311.8	64,000*	54.0	328.2	94,900*	150
155										27.1	303.0	59,300*	49.9	324.2	85,800*	155
160										18.6	290.7	55,200*	45.6	319.5	78,100*	160
165													40.9	314.1	71,500*	165
170													35.6	307.5	65,900*	170
175													29.6	299.5	61,000*	175
180													22.0	288.7	56,600*	180
185													9.8	270.2	52,700*	185

# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 260 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.4	367.5	133,900*b													50
55	70.4	365.8	128,600*b													55
60	67.3	363.7	123,500*b													60
65	64.1	361.4	117,600*b													65
70	60.9	358.7	104,300*													70
75	57.5	355.7	93,400*	69.3	363.4	128,300*b										75
80	54.0	352.2	84,400*	66.2	361.3	123,600*b										80
85	50.4	348.2	76,900*	63.0	358.8	112,600*										85
90	46.5	343.6	70,500*	59.7	356.0	100,200*										90
95	42.3	338.4	64,900*	56.3	352.8	90,100*	65.3	358.5	122,600*b							95
100	37.8	332.3	60,000*	52.7	349.1	81,700*	62.1	355.9	108,800*							100
105	32.8	325.0	55,700*	49.0	344.9	74,500*	58.7	353.0	97,100*							105
110	26.9	316.0	51,900*	45.0	340.2	68,400*	55.3	349.7	87,600*							110
115	19.3	303.9	48,500*	40.8	334.6	63,100*	51.7	345.9	79,500*							115
120	4.5	278.5	45,400*	36.1	328.2	58,500*	47.9	341.5	72,700*							120
125				30.8	320.4	54,400*	43.9	336.6	66,900*	60.3	349.3	102,300*				125
130				24.4	310.5	50,700*	39.5	330.8	61,800*	56.9	346.2	91,800*				130
135				15.8	296.3	47,400*	34.6	324.0	57,300*	53.4	342.6	83,100*				135
140							29.1	315.7	53,300*	49.7	338.5	75,800*				140
145							22.3	305.0	49,800*	45.8	333.9	69,500*				145
150							12.2	288.1	46,500*	41.6	328.5	64,100*				150
155										37.0	322.2	59,300*	54.7	337.0	86,100*	155
160										31.8	314.7	55,100*	51.0	333.1	78,300*	160
165										25.7	305.3	51,400*	47.2	328.6	71,700*	165
170										17.6	292.2	48,000*	43.1	323.5	66,000*	170
175													38.6	317.6	61,000*	175
180													33.7	310.6	56,600*	180
185													28.0	301.9	52,700*	185
190													20.9	290.5	49,200*	190
195													9.3	271.0	46,100*	195

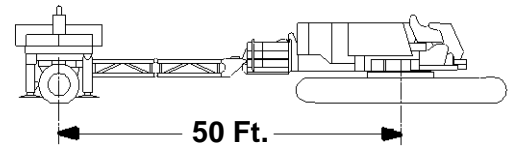


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 260 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	75.0	377.9	126,400* <sup>b</sup>													50
55	72.2	376.4	122,200* <sup>b</sup>													55
60	69.5	374.5	118,000* <sup>b</sup>													60
65	66.6	372.5	113,900*													65
70	63.8	370.1	106,600*													70
75	60.8	367.4	95,500*													75
80	57.7	364.3	86,300*	68.5	372.2	117,900* <sup>b</sup>										80
85	54.6	360.9	78,600*	65.6	370.0	114,100*										85
90	51.3	357.0	72,000*	62.7	367.5	102,400*										90
95	47.8	352.7	66,300*	59.7	364.7	92,100*	67.7	369.5	116,700*							95
100	44.2	347.7	61,300*	56.6	361.5	83,400*	64.8	367.2	111,200*							100
105	40.2	342.1	56,900*	53.4	357.9	76,100*	61.9	364.6	99,300*							105
110	36.0	335.5	53,100*	50.1	353.8	69,900*	58.9	361.7	89,500*							110
115	31.2	327.8	49,600*	46.6	349.3	64,500*	55.7	358.4	81,300*							115
120	25.6	318.3	46,500*	42.8	344.1	59,700*	52.5	354.7	74,300*							120
125	18.4	305.4	43,600*	38.8	338.2	55,500*	49.1	350.5	68,300*							125
130	4.2	278.8	41,000*	34.3	331.3	51,800*	45.5	345.8	63,100*	60.3	358.0	93,800*				130
135				29.3	323.0	48,500*	41.7	340.4	58,500*	57.2	354.9	84,900*				135
140				23.3	312.6	45,500*	37.5	334.2	54,400*	54.0	351.4	77,400*				140
145				15.0	297.6	42,700*	33.0	327.0	50,800*	50.7	347.4	71,000*				145
150							27.7	318.2	47,600*	47.2	343.0	65,400*				150
155							21.2	306.8	44,700*	43.5	337.9	60,600*				155
160							11.6	289.1	42,000*	39.5	332.1	56,300*	55.2	345.7	80,000*	160
165										35.1	325.4	52,500*	51.9	341.9	73,200*	165
170										30.2	317.4	49,100*	48.5	337.6	67,300*	170
175										24.4	307.4	46,000*	44.8	332.8	62,300*	175
180										16.8	293.7	43,200*	41.0	327.3	57,800*	180
185													36.8	320.9	53,800*	185
190													32.1	313.4	50,300*	190
195													26.6	304.3	47,100*	195
200													19.8	292.3	44,200*	200
205													8.8	271.7	41,600*	205



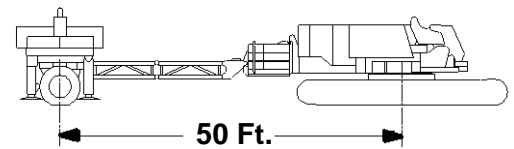


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 260 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	73.8	386.8	112,300*b													55
60	71.2	385.2	108,600*b													60
65	68.7	383.3	104,900*													65
70	66.1	381.2	101,500*													70
75	63.4	378.8	96,000*													75
80	60.7	376.0	86,600*	70.3	382.9	108,300*b										80
85	57.9	373.0	78,700*	67.8	380.9	105,000*										85
90	55.1	369.6	72,000*	65.2	378.7	101,700*										90
95	52.1	365.8	66,300*	62.5	376.1	92,500*										95
100	48.9	361.6	61,200*	59.7	373.3	83,700*	67.0	378.2	104,000*							100
105	45.7	356.9	56,800*	56.9	370.2	76,300*	64.4	375.9	99,800*							105
110	42.2	351.6	52,900*	54.0	366.6	69,900*	61.7	373.3	89,800*							110
115	38.4	345.6	49,400*	51.0	362.7	64,400*	58.9	370.3	81,500*							115
120	34.4	338.6	46,200*	47.8	358.3	59,600*	56.1	367.1	74,400*							120
125	29.8	330.5	43,400*	44.4	353.4	55,400*	53.1	363.5	68,300*							125
130	24.4	320.4	40,800*	40.9	347.9	51,600*	50.1	359.4	63,000*	63.0	369.4	94,300*				130
135	17.6	307.0	38,400*	37.0	341.5	48,300*	46.9	354.9	58,400*	60.2	366.7	85,200*				135
140	4.0	279.1	36,200*	32.8	334.2	45,200*	43.5	349.8	54,300*	57.4	363.6	77,600*				140
145				28.0	325.5	42,500*	39.8	344.0	50,600*	54.5	360.1	71,000*				145
150				22.2	314.5	40,000*	35.9	337.5	47,400*	51.5	356.3	65,400*				150
155				14.4	298.8	37,700*	31.5	329.8	44,400*	48.4	352.0	60,500*				155
160							26.5	320.5	41,700*	45.1	347.2	56,200*				160
165							20.3	308.6	39,300*	41.5	341.7	52,300*	55.6	354.4	73,300*	165
170							11.1	290.1	37,000*	37.7	335.6	48,900*	52.6	350.7	67,400*	170
175										33.6	328.4	45,800*	49.5	346.6	62,200*	175
180										28.9	320.0	43,000*	46.3	341.9	57,700*	180
185										23.3	309.5	40,400*	42.8	336.8	53,700*	185
190										16.0	295.0	38,100*	39.1	330.9	50,100*	190
195													35.1	324.1	46,900*	195
200													30.6	316.2	44,000*	200
205													25.5	306.6	41,300*	205
210													19.0	293.9	38,900*	210
215													8.4	272.4	36,700*	215

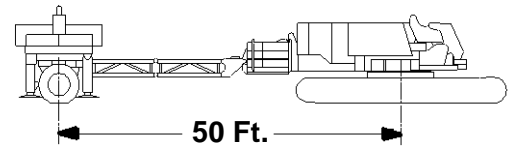


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 260 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	72.7	395.8	101,700*													60
65	70.4	394.0	98,500*													65
70	68.0	392.1	95,300*													70
75	65.6	389.9	92,200*													75
80	63.2	387.4	86,500*													80
85	60.7	384.7	78,600*	69.6	391.7	98,300*										85
90	58.1	381.7	71,900*	67.2	389.6	95,400*										90
95	55.4	378.3	66,100*	64.8	387.4	92,400*										95
100	52.7	374.6	61,100*	62.3	384.8	83,600*										100
105	49.9	370.5	56,700*	59.8	382.0	76,200*	66.5	386.9	94,500*							105
110	46.9	366.0	52,700*	57.2	378.8	69,800*	64.1	384.6	89,800*							110
115	43.8	361.0	49,200*	54.5	375.4	64,300*	61.6	381.9	81,400*							115
120	40.4	355.3	46,100*	51.7	371.5	59,500*	59.0	379.0	74,300*							120
125	36.9	348.9	43,200*	48.8	367.3	55,200*	56.4	375.8	68,200*							125
130	32.9	341.6	40,600*	45.8	362.6	51,500*	53.7	372.2	62,900*							130
135	28.6	333.0	38,300*	42.6	357.3	48,100*	50.9	368.3	58,200*	62.7	378.1	85,100*				135
140	23.4	322.5	36,100*	39.2	351.5	45,100*	48.0	363.9	54,100*	60.2	375.3	77,500*				140
145	16.8	308.4	34,100*	35.5	344.8	42,300*	44.9	359.0	50,500*	57.6	372.2	70,900*				145
150	3.8	279.4	32,200*	31.5	337.0	39,800*	41.6	353.6	47,200*	55.0	368.8	65,300*				150
155				26.8	327.9	37,500*	38.2	347.5	44,300*	52.2	365.1	60,300*				155
160				21.3	316.4	35,400*	34.4	340.6	41,600*	49.3	360.9	56,000*				160
165				13.8	300.0	33,500*	30.2	332.5	39,100*	46.3	356.3	52,100*				165
170							25.4	322.8	36,900*	43.2	351.1	48,700*	55.9	363.1	67,200*	170
175							19.5	310.3	34,900*	39.8	345.4	45,600*	53.2	359.5	62,100*	175
180							10.6	290.9	32,900*	36.2	338.8	42,800*	50.4	355.5	57,500*	180
185										32.2	331.3	40,300*	47.4	351.0	53,500*	185
190										27.7	322.4	37,900*	44.3	346.1	49,900*	190
195										22.4	311.5	35,800*	41.0	340.5	46,700*	195
200										15.4	296.4	33,800*	37.5	334.3	43,800*	200
205													33.7	327.1	41,200*	205
210													29.4	318.8	38,800*	210
215													24.4	308.7	36,600*	215
220													18.2	295.5	34,500*	220
225													8.0	273.0	32,700*	225

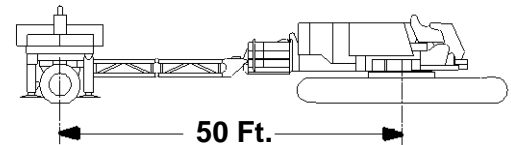


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 260 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.0	406.2	94,800*													60
65	71.9	404.6	91,900*													65
70	69.7	402.8	89,100*													70
75	67.5	400.8	86,200*													75
80	65.2	398.6	83,500*													80
85	63.0	396.1	78,200*													85
90	60.6	393.4	71,500*	68.9	400.5	89,000*										90
95	58.2	390.3	65,700*	66.7	398.4	86,400*										95
100	55.8	387.0	60,600*	64.4	396.0	83,200*										100
105	53.3	383.4	56,200*	62.1	393.5	75,700*										105
110	50.6	379.4	52,300*	59.8	390.6	69,400*	66.1	395.6	85,600*							110
115	47.9	375.0	48,700*	57.4	387.5	63,800*	63.8	393.2	80,900*							115
120	45.1	370.2	45,600*	54.9	384.1	59,000*	61.5	390.6	73,800*							120
125	42.1	364.8	42,700*	52.3	380.3	54,800*	59.1	387.7	67,700*							125
130	38.9	358.9	40,200*	49.7	376.2	51,000*	56.7	384.5	62,400*							130
135	35.4	352.1	37,800*	46.9	371.7	47,600*	54.2	381.0	57,800*							135
140	31.7	344.5	35,600*	44.0	366.7	44,600*	51.6	377.1	53,700*	62.5	386.8	77,000*				140
145	27.5	335.5	33,700*	41.0	361.1	41,800*	48.9	372.9	50,000*	60.2	384.0	70,500*				145
150	22.5	324.5	31,800*	37.7	354.9	39,300*	46.1	368.2	46,700*	57.8	380.9	64,800*				150
155	16.2	309.8	30,100*	34.2	347.8	37,000*	43.2	363.0	43,800*	55.3	377.6	59,900*				155
160	3.7	279.6	28,500*	30.3	339.7	34,900*	40.0	357.3	41,100*	52.8	373.9	55,500*				160
165				25.8	330.1	33,000*	36.7	350.9	38,700*	50.2	369.8	51,700*				165
170				20.5	318.2	31,200*	33.1	343.6	36,400*	47.4	365.3	48,200*				170
175				13.2	301.1	29,500*	29.1	335.1	34,400*	44.5	360.4	45,100*	56.2	371.8	61,600*	175
180							24.4	324.9	32,500*	41.5	355.0	42,300*	53.7	368.2	57,100*	180
185							18.7	311.9	30,700*	38.3	348.9	39,800*	51.1	364.3	53,000*	185
190							10.2	291.8	29,100*	34.8	342.0	37,500*	48.4	360.0	49,400*	190
195										31.0	334.1	35,300*	45.6	355.2	46,200*	195
200										26.7	324.8	33,400*	42.6	350.0	43,300*	200
205										21.5	313.4	31,600*	39.5	344.1	40,700*	205
210										14.8	297.6	29,900*	36.1	337.6	38,300*	210
215													32.4	330.1	36,100*	215
220													28.3	321.3	34,100*	220
225													23.5	310.8	32,200*	225
230													17.5	297.0	30,500*	230
235													7.7	273.7	28,900*	235

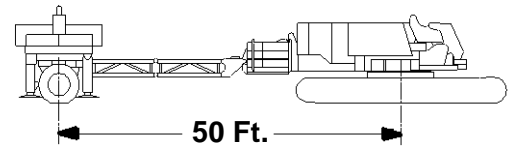


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 260 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.1	415.2	86,300*													65
70	71.1	413.5	83,900*													70
75	69.1	411.6	81,500*													75
80	67.0	409.6	79,100*													80
85	64.9	407.3	76,900*													85
90	62.8	404.8	72,900*	70.4	411.2	83,700*										90
95	60.6	402.0	66,900*	68.3	409.2	81,500*										95
100	58.4	399.0	61,700*	66.3	407.1	79,300*										100
105	56.1	395.7	57,200*	64.1	404.7	77,100*										105
110	53.7	392.2	53,100*	62.0	402.1	70,700*	67.7	406.5	80,600*							110
115	51.3	388.2	49,500*	59.8	399.3	65,000*	65.7	404.3	78,600*							115
120	48.8	384.0	46,300*	57.6	396.2	60,100*	63.5	401.9	75,400*							120
125	46.2	379.3	43,300*	55.2	392.8	55,700*	61.4	399.2	69,000*							125
130	43.4	374.2	40,700*	52.9	389.1	51,800*	59.2	396.3	63,600*							130
135	40.6	368.5	38,300*	50.4	385.1	48,300*	56.9	393.2	58,800*							135
140	37.5	362.3	36,100*	47.9	380.7	45,200*	54.6	389.7	54,500*							140
145	34.2	355.2	34,000*	45.2	375.9	42,400*	52.2	385.9	50,800*	62.4	395.4	71,900*				145
150	30.6	347.2	32,200*	42.4	370.6	39,800*	49.7	381.8	47,400*	60.2	392.6	66,000*				150
155	26.5	337.8	30,400*	39.5	364.7	37,500*	47.1	377.3	44,400*	58.0	389.6	60,900*				155
160	21.8	326.4	28,800*	36.4	358.2	35,300*	44.4	372.3	41,600*	55.7	386.3	56,500*				160
165	15.6	311.2	27,300*	33.0	350.8	33,400*	41.6	366.9	39,100*	53.3	382.6	52,500*				165
170	3.5	279.9	25,900*	29.2	342.4	31,500*	38.6	360.8	36,900*	50.9	378.7	48,900*				170
175				24.9	332.4	29,900*	35.4	354.1	34,800*	48.3	374.3	45,800*				175
180				19.8	319.9	28,300*	31.9	346.4	32,800*	45.7	369.6	42,900*	56.5	380.5	58,000*	180
185				12.8	302.2	26,800*	28.0	337.6	31,100*	42.9	364.4	40,300*	54.1	377.0	53,900*	185
190							23.6	327.0	29,400*	40.0	358.6	37,900*	51.7	373.1	50,200*	190
195							18.1	313.5	27,900*	36.9	352.2	35,700*	49.2	368.9	46,900*	195
200							9.9	292.6	26,400*	33.6	345.0	33,700*	46.7	364.3	43,900*	200
205										29.9	336.8	31,900*	43.9	359.3	41,200*	205
210										25.7	327.1	30,200*	41.1	353.8	38,800*	210
215										20.8	315.2	28,600*	38.1	347.6	36,500*	215
220										14.3	298.9	27,100*	34.8	340.7	34,500*	220
225													31.3	332.9	32,600*	225
230													27.3	323.8	30,800*	230
235													22.7	312.8	29,200*	235
240													16.9	298.5	27,600*	240
245													7.4	274.3	26,200*	245

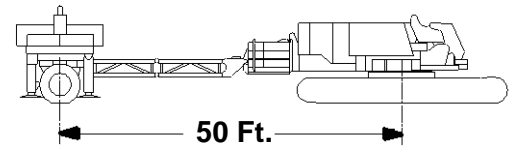


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 260 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.2	425.6	80,600*													65
70	72.3	424.1	78,500*													70
75	70.4	422.3	76,300*													75
80	68.5	420.4	74,100*													80
85	66.6	418.3	71,900*													85
90	64.6	416.0	69,900*													90
95	62.6	413.4	66,400*	69.8	420.0	76,100*										95
100	60.5	410.7	61,200*	67.8	418.0	74,100*										100
105	58.5	407.7	56,600*	65.9	415.8	72,100*										105
110	56.3	404.4	52,600*	63.9	413.4	70,000*										110
115	54.1	400.9	49,000*	61.9	410.8	64,500*	67.3	415.3	73,300*							115
120	51.9	397.1	45,700*	59.8	408.0	59,500*	65.3	413.0	71,400*							120
125	49.5	392.9	42,800*	57.7	404.9	55,200*	63.3	410.6	68,500*							125
130	47.1	388.4	40,100*	55.6	401.5	51,300*	61.3	407.9	63,000*							130
135	44.6	383.5	37,700*	53.3	397.9	47,800*	59.2	405.0	58,200*							135
140	42.0	378.1	35,500*	51.1	393.9	44,700*	57.1	401.8	54,000*							140
145	39.2	372.1	33,500*	48.7	389.7	41,800*	54.9	398.4	50,200*							145
150	36.2	365.6	31,600*	46.3	385.0	39,300*	52.7	394.7	46,900*	62.2	404.1	65,500*				150
155	33.1	358.2	29,900*	43.7	379.9	36,900*	50.4	390.6	43,800*	60.2	401.3	60,400*				155
160	29.6	349.8	28,300*	41.0	374.3	34,800*	48.0	386.3	41,100*	58.1	398.3	55,900*				160
165	25.6	340.1	26,800*	38.2	368.2	32,800*	45.5	381.5	38,600*	55.9	395.0	52,000*				165
170	21.0	328.2	25,400*	35.1	361.4	31,000*	42.9	376.3	36,300*	53.7	391.4	48,400*				170
175	15.1	312.5	24,100*	31.9	353.7	29,300*	40.2	370.5	34,200*	51.5	387.5	45,200*				175
180	3.4	280.1	22,800*	28.2	344.9	27,800*	37.3	364.2	32,300*	49.1	383.3	42,400*				180
185				24.1	334.5	26,300*	34.2	357.2	30,500*	46.7	378.7	39,800*	56.7	389.2	53,300*	185
190				19.1	321.6	24,900*	30.9	349.2	28,900*	44.2	373.7	37,400*	54.5	385.7	49,700*	190
195				12.4	303.3	23,600*	27.1	340.0	27,300*	41.5	368.2	35,200*	52.3	381.9	46,400*	195
200							22.8	329.0	25,900*	38.7	362.2	33,200*	50.0	377.8	43,400*	200
205							17.5	315.0	24,600*	35.7	355.5	31,400*	47.6	373.4	40,700*	205
210							9.5	293.4	23,300*	32.5	347.9	29,600*	45.1	368.5	38,200*	210
215										28.9	339.3	28,100*	42.5	363.2	36,000*	215
220										24.9	329.3	26,600*	39.7	357.4	33,900*	220
225										20.1	316.9	25,200*	36.8	350.9	32,000*	225
230										13.8	300.0	23,900*	33.6	343.7	30,300*	230
235													30.2	335.6	28,600*	235
240													26.4	326.1	27,100*	240
245													21.9	314.7	25,700*	245
250													16.3	299.9	24,400*	250
255													7.2	274.9	23,100*	255

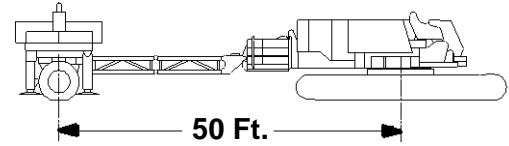


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 260 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.4	434.5	73,700*													70
75	71.6	432.9	71,700*													75
80	69.8	431.1	69,800*													80
85	68.0	429.2	67,800*													85
90	66.2	427.0	65,900*													90
95	64.3	424.7	63,700*	71.0	430.6	71,500*										95
100	62.4	422.1	60,900*	69.2	428.8	69,700*										100
105	60.5	419.3	56,300*	67.4	426.7	67,800*										105
110	58.6	416.3	52,200*	65.5	424.5	65,900*										110
115	56.5	413.1	48,600*	63.7	422.1	63,600*										115
120	54.5	409.6	45,400*	61.8	419.5	59,200*	66.9	424.0	67,000*							120
125	52.4	405.9	42,500*	59.8	416.6	54,800*	65.0	421.7	65,100*							125
130	50.2	401.8	39,800*	57.8	413.5	50,900*	63.1	419.3	62,700*							130
135	48.0	397.4	37,400*	55.8	410.2	47,500*	61.2	416.6	57,900*							135
140	45.6	392.6	35,200*	53.7	406.6	44,300*	59.3	413.7	53,700*							140
145	43.2	387.4	33,200*	51.6	402.8	41,500*	57.3	410.5	49,900*							145
150	40.7	381.8	31,300*	49.4	398.6	39,000*	55.2	407.1	46,600*							150
155	38.0	375.6	29,600*	47.1	394.0	36,600*	53.1	403.5	43,500*	62.1	412.8	60,100*				155
160	35.1	368.7	28,000*	44.8	389.1	34,500*	51.0	399.5	40,800*	60.2	410.0	55,600*				160
165	32.0	361.1	26,500*	42.3	383.8	32,500*	48.8	395.2	38,300*	58.2	406.9	51,600*				165
170	28.7	352.4	25,100*	39.7	378.0	30,700*	46.5	390.6	36,000*	56.2	403.7	48,100*				170
175	24.9	342.3	23,800*	37.0	371.5	29,000*	44.1	385.6	33,900*	54.1	400.1	44,900*				175
180	20.4	330.0	22,500*	34.1	364.4	27,400*	41.6	380.1	32,000*	52.0	396.3	42,000*				180
185	14.7	313.7	21,400*	30.9	356.4	26,000*	39.0	374.1	30,200*	49.8	392.2	39,400*				185
190	3.3	280.4	20,300*	27.4	347.3	24,600*	36.2	367.5	28,600*	47.6	387.7	37,000*	56.9	397.9	49,300*	190
195				23.4	336.5	23,300*	33.2	360.1	27,000*	45.2	382.9	34,900*	54.9	394.4	46,000*	195
200				18.6	323.2	22,100*	29.9	351.9	25,600*	42.8	377.6	32,900*	52.8	390.7	43,000*	200
205				12.0	304.3	21,000*	26.3	342.3	24,300*	40.2	371.9	31,000*	50.6	386.7	40,300*	205
210							22.1	331.0	23,000*	37.5	365.6	29,300*	48.4	382.4	37,900*	210
215							16.9	316.5	21,800*	34.6	358.6	27,700*	46.1	377.7	35,600*	215
220							9.2	294.2	20,700*	31.5	350.8	26,300*	43.6	372.5	33,600*	220
225										28.0	341.8	24,900*	41.1	367.0	31,700*	225
230										24.1	331.4	23,600*	38.5	360.9	29,900*	230
235										19.5	318.6	22,400*	35.6	354.2	28,300*	235
240										13.4	301.2	21,200*	32.6	346.7	26,800*	240
245													29.3	338.2	25,400*	245
250													25.6	328.4	24,100*	250
255													21.3	316.6	22,800*	255
260													15.8	301.3	21,700*	260
265													7.0	275.4	20,500*	265

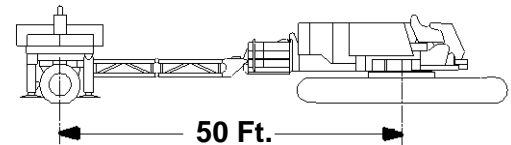


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 260 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
70	74.4	445.0	66,900*													70
75	72.7	443.5	66,300*													75
80	71.0	441.8	65,200*													80
85	69.3	439.9	63,500*													85
90	67.6	437.9	61,500*													90
95	65.9	435.7	59,100*													95
100	64.1	433.3	56,800*	70.4	439.5	65,000*										100
105	62.3	430.8	54,500*	68.7	437.5	63,300*										105
110	60.5	428.0	51,700*	67.0	435.5	61,100*										110
115	58.6	425.0	48,100*	65.2	433.2	58,800*										115
120	56.7	421.8	44,800*	63.5	430.8	56,500*										120
125	54.8	418.3	41,900*	61.7	428.1	54,300*	66.5	432.7	60,200*							125
130	52.8	414.6	39,300*	59.8	425.3	50,400*	64.7	430.4	58,000*							130
135	50.8	410.6	36,900*	58.0	422.2	46,900*	63.0	427.9	55,800*							135
140	48.7	406.3	34,600*	56.1	418.9	43,800*	61.1	425.2	53,100*							140
145	46.5	401.7	32,600*	54.1	415.4	41,000*	59.3	422.3	49,400*							145
150	44.3	396.7	30,700*	52.1	411.6	38,400*	57.4	419.2	46,000*							150
155	41.9	391.3	29,000*	50.1	407.5	36,100*	55.5	415.8	43,000*							155
160	39.5	385.4	27,400*	47.9	403.1	33,900*	53.5	412.2	40,200*	62.0	421.4	54,200*				160
165	36.9	378.9	25,900*	45.7	398.3	32,000*	51.5	408.3	37,700*	60.2	418.6	51,100*				165
170	34.1	371.8	24,500*	43.4	393.1	30,100*	49.4	404.1	35,500*	58.3	415.6	47,500*				170
175	31.1	363.9	23,200*	41.1	387.6	28,500*	47.3	399.6	33,400*	56.4	412.3	44,400*				175
180	27.8	354.9	22,000*	38.6	381.5	26,900*	45.1	394.8	31,400*	54.5	408.8	41,500*				180
185	24.1	344.4	20,900*	35.9	374.8	25,400*	42.8	389.5	29,700*	52.5	405.1	38,900*				185
190	19.8	331.7	19,800*	33.1	367.4	24,100*	40.4	383.8	28,000*	50.4	401.0	36,500*				190
195	14.2	315.0	18,800*	30.0	359.1	22,800*	37.8	377.5	26,500*	48.3	396.7	34,300*	57.1	406.5	45,500*	195
200	3.2	280.6	17,700*	26.6	349.7	21,600*	35.1	370.7	25,100*	46.1	392.0	32,300*	55.2	403.1	42,500*	200
205				22.7	338.5	20,500*	32.2	363.0	23,700*	43.9	386.9	30,500*	53.2	399.5	39,800*	205
210				18.0	324.8	19,400*	29.0	354.4	22,500*	41.5	381.4	28,800*	51.2	395.5	37,300*	210
215				11.6	305.3	18,400*	25.5	344.6	21,300*	39.0	375.4	27,200*	49.1	391.3	35,100*	215
220							21.5	332.8	20,200*	36.4	368.9	25,700*	46.9	386.7	33,000*	220
225							16.4	317.9	19,100*	33.6	361.6	24,300*	44.7	381.8	31,100*	225
230							9.0	295.0	18,100*	30.5	353.5	23,100*	42.3	376.4	29,400*	230
235										27.2	344.3	21,800*	39.9	370.6	27,800*	235
240										23.4	333.5	20,700*	37.3	364.3	26,200*	240
245										18.9	320.3	19,600*	34.6	357.3	24,800*	245
250										13.0	302.3	18,600*	31.6	349.5	23,500*	250
255													28.4	340.7	22,300*	255
260													24.8	330.6	21,100*	260
265													20.6	318.4	20,000*	265
270													15.4	302.6	19,000*	270
275													6.7	276.0	18,000*	275

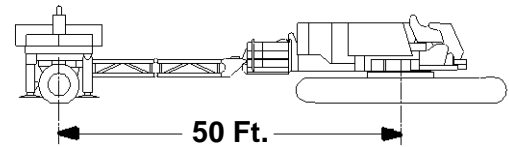


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 260 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	73.6	453.9	59,100*													75
80	72.0	452.3	58,600*													80
85	70.4	450.6	57,900*													85
90	68.8	448.7	55,800*													90
95	67.2	446.7	53,600*													95
100	65.6	444.4	51,500*													100
105	63.9	442.0	49,300*	69.9	448.3	57,400*										105
110	62.2	439.4	47,100*	68.3	446.3	55,400*										110
115	60.5	436.7	45,000*	66.6	444.2	53,300*										115
120	58.7	433.7	43,000*	65.0	441.9	51,100*										120
125	56.9	430.5	40,900*	63.3	439.4	48,900*	67.8	443.6	54,500*							125
130	55.1	427.1	39,000*	61.6	436.8	46,800*	66.2	441.5	52,600*							130
135	53.2	423.4	36,800*	59.8	433.9	44,700*	64.5	439.1	50,500*							135
140	51.3	419.5	34,600*	58.1	430.9	42,700*	62.8	436.6	48,300*							140
145	49.3	415.3	32,500*	56.3	427.6	40,700*	61.1	433.9	46,300*							145
150	47.3	410.8	30,600*	54.4	424.1	38,400*	59.3	431.0	44,200*							150
155	45.2	405.9	28,800*	52.5	420.3	36,000*	57.6	427.9	42,200*							155
160	43.0	400.7	27,200*	50.6	416.3	33,800*	55.7	424.5	40,300*							160
165	40.7	395.0	25,700*	48.6	412.0	31,800*	53.9	421.0	37,700*	61.9	430.1	46,900*				165
170	38.4	388.9	24,300*	46.6	407.4	30,000*	52.0	417.1	35,400*	60.1	427.3	45,000*				170
175	35.8	382.2	22,900*	44.4	402.4	28,200*	50.0	413.0	33,200*	58.4	424.3	43,100*				175
180	33.1	374.8	21,700*	42.2	397.0	26,700*	48.0	408.6	31,300*	56.6	421.0	41,200*				180
185	30.2	366.6	20,500*	39.9	391.2	25,200*	46.0	403.9	29,500*	54.8	417.6	38,900*				185
190	27.1	357.3	19,400*	37.5	384.9	23,800*	43.8	398.8	27,800*	52.9	413.9	36,500*				190
195	23.5	346.5	18,400*	34.9	377.9	22,500*	41.6	393.3	26,200*	51.0	409.9	34,200*				195
200	19.3	333.4	17,400*	32.1	370.3	21,300*	39.2	387.4	24,800*	49.0	405.6	32,200*	57.2	415.2	41,500*	200
205	13.8	316.2	16,500*	29.1	361.7	20,200*	36.8	380.9	23,400*	46.9	401.1	30,300*	55.4	411.8	39,800*	205
210	3.1	280.9	15,600*	25.8	351.9	19,100*	34.1	373.7	22,200*	44.8	396.1	28,600*	53.6	408.2	37,300*	210
215				22.1	340.5	18,100*	31.3	365.8	21,000*	42.6	390.8	27,000*	51.6	404.3	35,000*	215
220				17.5	326.3	17,100*	28.2	357.0	19,900*	40.3	385.1	25,500*	49.7	400.2	32,900*	220
225				11.3	306.3	16,200*	24.8	346.8	18,800*	37.9	378.9	24,100*	47.7	395.7	31,000*	225
230							20.9	334.7	17,800*	35.4	372.1	22,800*	45.6	390.9	29,200*	230
235							16.0	319.3	16,900*	32.6	364.5	21,500*	43.4	385.8	27,500*	235
240							8.7	295.7	16,000*	29.7	356.1	20,400*	41.2	380.2	26,000*	240
245										26.4	346.6	19,300*	38.8	374.2	24,600*	245
250										22.8	335.5	18,300*	36.3	367.6	23,200*	250
255										18.4	321.9	17,300*	33.6	360.3	22,000*	255
260										12.6	303.4	16,400*	30.8	352.3	20,800*	260
265													27.6	343.2	19,700*	265
270													24.1	332.7	18,700*	270
275													20.1	320.1	17,700*	275
280													14.9	303.9	16,700*	280
285													6.6	276.5	15,800*	285



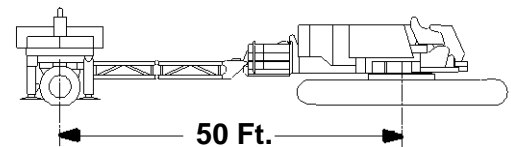


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 260 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
75	74.5	464.3	53,300*													75
80	73.0	462.8	52,800*													80
85	71.5	461.2	52,300*													85
90	69.9	459.4	51,500*													90
95	68.4	457.5	49,500*													95
100	66.9	455.4	47,400*													100
105	65.3	453.1	45,300*	70.9	458.9	52,200*										105
110	63.7	450.7	43,200*	69.4	457.1	51,000*										110
115	62.1	448.1	41,100*	67.9	455.1	49,000*										115
120	60.4	445.3	39,000*	66.3	452.9	47,000*										120
125	58.8	442.3	37,100*	64.7	450.6	44,900*										125
130	57.1	439.2	35,200*	63.1	448.1	42,800*	67.4	452.4	48,200*							130
135	55.3	435.8	33,300*	61.5	445.4	40,700*	65.9	450.2	46,300*							135
140	53.6	432.1	31,600*	59.8	442.6	38,700*	64.3	447.8	44,200*							140
145	51.8	428.3	29,800*	58.2	439.6	36,800*	62.7	445.3	42,200*							145
150	49.9	424.2	28,200*	56.5	436.3	34,900*	61.0	442.6	40,100*							150
155	48.0	419.7	26,600*	54.7	432.8	33,000*	59.4	439.6	38,200*							155
160	46.0	415.0	25,100*	52.9	429.1	31,300*	57.7	436.5	36,300*							160
165	44.0	410.0	23,700*	51.1	425.2	29,600*	56.0	433.2	34,400*							165
170	41.9	404.5	22,300*	49.2	420.9	27,900*	54.2	429.7	32,600*	61.8	438.8	40,900*				170
175	39.7	398.6	20,900*	47.3	416.4	26,400*	52.4	425.9	30,900*	60.1	435.9	39,000*				175
180	37.3	392.3	19,700*	45.3	411.6	24,800*	50.6	421.9	29,200*	58.5	432.9	37,100*				180
185	34.9	385.3	18,500*	43.2	406.4	23,400*	48.7	417.6	27,600*	56.8	429.7	35,300*				185
190	32.3	377.7	17,300*	41.1	400.8	22,000*	46.7	413.0	26,000*	55.0	426.3	33,600*				190
195	29.4	369.2	16,200*	38.8	394.8	20,700*	44.7	408.0	24,600*	53.3	422.6	31,800*				195
200	26.3	359.6	15,100*	36.5	388.2	19,400*	42.6	402.7	23,100*	51.4	418.7	30,100*				200
205	22.9	348.5	14,100*	34.0	381.0	18,200*	40.5	397.0	21,800*	49.6	414.5	28,500*	57.4	423.9	35,700*	205
210	18.8	335.1	13,200*	31.3	373.1	17,100*	38.2	390.8	20,500*	47.6	410.1	26,900*	55.7	420.5	34,000*	210
215	13.5	317.3	12,300*	28.4	364.2	16,000*	35.8	384.1	19,200*	45.7	405.3	25,400*	53.9	417.0	32,300*	215
220	3.0	281.1	11,600*	25.2	354.2	14,900*	33.2	376.7	18,000*	43.6	400.2	24,000*	52.1	413.1	30,700*	220
225				21.5	342.4	13,900*	30.5	368.6	16,900*	41.5	394.6	22,600*	50.2	409.1	29,100*	225
230				17.1	327.8	13,000*	27.5	359.4	15,800*	39.3	388.7	21,200*	48.3	404.7	27,500*	230
235				11.0	307.2	12,200*	24.2	348.9	14,700*	36.9	382.2	20,000*	46.4	400.0	26,000*	235
240							20.3	336.4	13,800*	34.4	375.2	18,700*	44.4	395.0	24,600*	240
245							15.6	320.7	12,900*	31.8	367.4	17,600*	42.3	389.7	23,200*	245
250							8.5	296.4	12,100*	28.9	358.7	16,400*	40.1	383.9	21,800*	250
255										25.8	348.9	15,400*	37.8	377.6	20,500*	255
260										22.2	337.4	14,400*	35.3	370.8	19,300*	260
265										17.9	323.5	13,400*	32.8	363.3	18,100*	265
270										12.3	304.5	12,600*	30.0	354.9	17,000*	270
275													26.9	345.6	15,900*	275
280													23.5	334.8	14,900*	280
285													19.5	321.8	13,900*	285
290													14.6	305.2	13,000*	290
295													6.4	277.1	12,300*	295

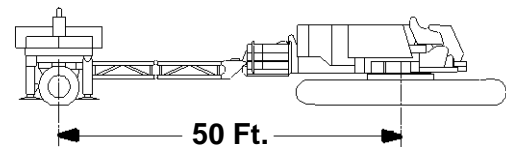


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 280 Ft. Boom, 70 Ft. Jib

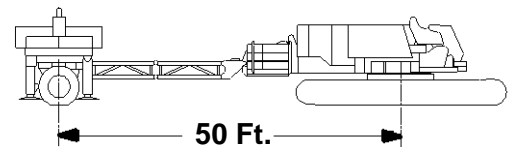
Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	66.8	355.8	158,500*b													50
55	62.2	353.3	154,600*b													55
60	57.5	350.3	136,000*b													60
65	52.4	346.6	118,800*b													65
70	46.9	342.2	105,300*b	66.5	353.8	146,500*b										70
75	40.9	336.8	94,400*	61.9	351.3	140,100*b										75
80	34.0	330.0	85,400*	57.1	348.2	133,900*b										80
85	25.5	320.9	77,700*	52.0	344.5	117,700*b	66.1	351.4	135,300*b							85
90	11.9	305.2	71,200*	46.5	340.0	104,400*b	61.5	348.8	129,400*b							90
95				40.4	334.6	93,700*	56.7	345.7	123,900*b							95
100				33.4	327.6	84,800*	51.6	341.9	116,600*b							100
105				24.7	318.2	77,200*	46.0	337.4	103,500*b							105
110				10.1	301.2	70,800*	39.9	331.8	92,900*							110
115							32.8	324.8	84,100*	60.6	342.8	112,100*b				115
120							23.9	315.1	76,700*	55.7	339.6	107,600*b				120
125							7.8	296.1	70,300*	50.5	335.7	103,100*b				125
130										44.9	330.9	98,900*				130
135										38.6	325.1	91,100*				135
140										31.2	317.7	82,600*				140
145										21.7	307.1	75,400*	54.1	330.9	91,900*b	145
150													48.8	326.8	88,200*b	150
155													43.0	321.7	84,600*	155
160													36.5	315.5	81,200*	160
165													28.6	307.3	77,900*	165
170													17.7	295.0	73,400*	170

# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 280 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	69.9	366.6	146,200*b													50
55	66.0	364.5	146,200*b													55
60	62.0	362.0	137,800*b													60
65	57.8	359.0	120,300*b													65
70	53.4	355.4	106,500*b	69.6	364.7	139,100*b										70
75	48.7	351.2	95,300*	65.7	362.5	133,400*b										75
80	43.7	346.3	86,100*	61.6	359.9	128,000*b										80
85	38.1	340.3	78,400*	57.4	356.9	119,200*b										85
90	31.7	332.9	71,800*	53.0	353.3	105,600*b	65.4	360.1	123,400*b							90
95	23.7	323.0	66,100*	48.3	349.1	94,600*	61.3	357.5	118,500*b							95
100	11.1	306.1	61,100*	43.3	344.1	85,500*	57.1	354.4	113,800*b							100
105				37.6	338.0	77,900*	52.7	350.7	104,600*b							105
110				31.2	330.4	71,300*	48.0	346.5	93,800*							110
115				23.0	320.3	65,700*	42.9	341.4	84,900*							115
120				9.4	302.0	60,700*	37.2	335.2	77,300*	60.5	351.5	103,000*b				120
125							30.6	327.5	70,900*	56.3	348.3	99,000*b				125
130							22.3	317.0	65,300*	51.8	344.5	95,200*				130
135							7.2	296.7	60,400*	47.0	340.1	91,400*				135
140										41.8	334.8	83,300*				140
145										36.0	328.4	76,000*				145
150										29.1	320.3	69,800*	54.9	339.6	84,700*b	150
155										20.2	308.9	64,300*	50.3	335.7	81,500*	155
160													45.4	331.0	78,400*	160
165													40.1	325.4	75,400*	165
170													34.0	318.6	72,500*	170
175													26.7	309.7	68,000*	175
180													16.5	296.4	62,800*	180

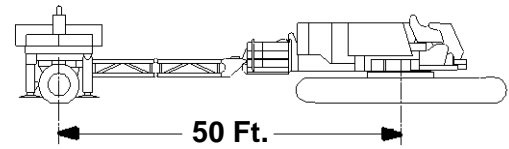


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 280 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	72.2	377.3	135,400*b													50
55	68.8	375.4	135,400*b													55
60	65.3	373.2	130,400*b													60
65	61.7	370.6	120,700*b													65
70	58.0	367.6	106,800*													70
75	54.2	364.2	95,600*	68.5	373.4	127,900*b										75
80	50.1	360.2	86,300*	65.1	371.2	123,000*b										80
85	45.7	355.5	78,500*	61.5	368.6	118,400*b										85
90	41.0	350.1	71,900*	57.7	365.6	105,900*										90
95	35.8	343.6	66,200*	53.9	362.1	94,900*	64.8	368.8	114,100*b							95
100	29.8	335.6	61,200*	49.8	358.0	85,700*	61.2	366.1	109,900*b							100
105	22.3	324.9	56,800*	45.4	353.3	78,000*	57.4	363.1	105,000*							105
110	10.4	307.0	52,900*	40.6	347.8	71,500*	53.5	359.5	94,100*							110
115				35.4	341.2	65,800*	49.4	355.4	85,100*							115
120				29.3	333.0	60,900*	45.0	350.7	77,500*							120
125				21.6	322.1	56,500*	40.2	345.1	71,000*	60.4	360.1	95,700*b				125
130				8.8	302.7	52,600*	34.9	338.4	65,400*	56.7	357.0	92,300*				130
135							28.7	330.1	60,500*	52.7	353.3	88,900*				135
140							20.9	318.8	56,200*	48.6	349.1	83,500*				140
145							6.7	297.2	52,300*	44.1	344.2	76,200*				145
150										39.2	338.4	69,900*				150
155										33.8	331.4	64,500*	55.5	348.4	79,000*	155
160										27.4	322.7	59,700*	51.5	344.6	76,200*	160
165										19.0	310.5	55,500*	47.2	340.1	73,400*	165
170													42.7	335.0	70,800*	170
175													37.6	328.9	68,200*	175
180													31.9	321.4	62,900*	180
185													25.1	311.9	58,400*	185
190													15.5	297.8	54,300*	190

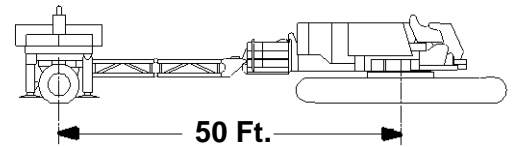


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 280 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.0	387.8	125,200*b													50
55	71.0	386.1	125,000*b													55
60	67.9	384.2	120,400*b													60
65	64.8	381.9	116,100*b													65
70	61.6	379.3	106,800*													70
75	58.2	376.3	95,500*	70.8	384.2	122,000*b										75
80	54.8	372.9	86,200*	67.7	382.2	117,700*b										80
85	51.1	369.0	78,400*	64.6	379.9	113,500*b										85
90	47.3	364.6	71,700*	61.3	377.3	105,900*										90
95	43.2	359.5	66,000*	58.0	374.2	94,800*	67.5	379.8	109,300*b							95
100	38.8	353.6	61,000*	54.5	370.8	85,600*	64.3	377.4	105,400*b							100
105	33.9	346.6	56,600*	50.9	366.9	77,900*	61.1	374.8	101,700*							105
110	28.2	338.1	52,700*	47.0	362.4	71,300*	57.7	371.7	94,000*							110
115	21.1	326.8	49,200*	42.9	357.3	65,600*	54.2	368.3	85,000*							115
120	9.8	307.8	46,000*	38.4	351.3	60,700*	50.6	364.3	77,300*							120
125				33.5	344.2	56,300*	46.7	359.8	70,800*							125
130				27.7	335.5	52,500*	42.6	354.6	65,200*	60.4	368.8	88,800*				130
135				20.5	323.9	49,000*	38.1	348.5	60,300*	57.0	365.6	85,700*				135
140				8.3	303.4	45,800*	33.0	341.3	56,000*	53.5	362.1	82,700*				140
145							27.2	332.5	52,200*	49.8	358.0	76,000*				145
150							19.8	320.6	48,800*	45.9	353.4	69,700*				150
155							6.4	297.7	45,600*	41.7	348.0	64,200*				155
160										37.1	341.8	59,500*	55.9	357.1	73,400*	160
165										32.0	334.3	55,300*	52.4	353.4	70,900*	165
170										25.9	325.0	51,500*	48.6	349.1	68,500*	170
175										18.0	312.1	48,200*	44.6	344.3	66,100*	175
180													40.3	338.7	62,700*	180
185													35.6	332.1	58,200*	185
190													30.2	324.1	54,100*	190
195													23.7	314.0	50,500*	195
200													14.7	299.0	47,200*	200

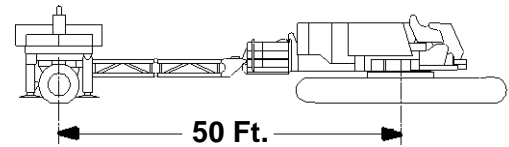


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 280 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	72.8	396.7	117,000*b													55
60	70.0	394.9	113,300*b													60
65	67.2	392.9	109,700*b													65
70	64.4	390.6	106,200*													70
75	61.4	387.9	98,500*													75
80	58.4	385.0	88,800*	69.8	393.0	111,900*b										80
85	55.3	381.6	80,700*	67.0	390.9	108,200*b										85
90	52.0	377.8	73,800*	64.1	388.6	104,600*										90
95	48.6	373.6	67,800*	61.2	385.9	97,700*										95
100	45.0	368.8	62,600*	58.2	382.9	88,100*	66.8	388.5	100,600*							100
105	41.1	363.3	58,100*	55.0	379.5	80,100*	63.9	386.1	97,300*							105
110	36.9	357.0	54,100*	51.7	375.7	73,300*	61.0	383.4	94,100*							110
115	32.2	349.5	50,500*	48.3	371.4	67,400*	57.9	380.4	87,500*							115
120	26.8	340.4	47,300*	44.7	366.6	62,300*	54.8	377.0	79,600*							120
125	20.1	328.5	44,400*	40.8	361.0	57,800*	51.5	373.2	72,800*							125
130	9.3	308.5	41,700*	36.6	354.6	53,800*	48.0	368.8	67,000*							130
135				31.8	347.1	50,300*	44.4	363.9	61,900*	60.4	377.4	82,200*				135
140				26.4	337.8	47,100*	40.5	358.3	57,500*	57.3	374.3	79,600*				140
145				19.5	325.6	44,200*	36.2	351.8	53,600*	54.1	370.8	77,000*				145
150				7.9	304.0	41,500*	31.4	344.2	50,000*	50.8	366.9	71,600*				150
155							25.9	334.8	46,900*	47.3	362.5	66,000*				155
160							18.8	322.2	44,000*	43.6	357.4	61,100*				160
165							6.0	298.2	41,300*	39.7	351.7	56,700*	56.3	365.8	68,200*	165
170										35.3	345.0	52,900*	53.1	362.1	66,000*	170
175										30.4	337.0	49,400*	49.7	358.1	63,800*	175
180										24.7	327.2	46,300*	46.2	353.4	61,700*	180
185										17.1	313.6	43,500*	42.4	348.2	59,700*	185
190													38.4	342.2	55,500*	190
195													33.9	335.2	51,800*	195
200													28.7	326.7	48,400*	200
205													22.6	316.0	45,400*	205
210													14.0	300.2	42,700*	210

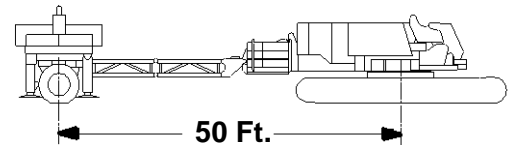


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 280 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.3	407.1	108,500* <sup>b</sup>													55
60	71.8	405.5	105,200* <sup>b</sup>													60
65	69.2	403.7	102,100*													65
70	66.6	401.6	98,800*													70
75	64.0	399.3	95,800*													75
80	61.3	396.6	88,400*													80
85	58.5	393.6	80,300*	69.0	401.8	102,700*										85
90	55.7	390.3	73,400*	66.4	399.6	99,800*										90
95	52.7	386.6	67,400*	63.8	397.3	97,000*										95
100	49.6	382.5	62,200*	61.1	394.6	87,800*										100
105	46.4	377.9	57,700*	58.3	391.6	79,800*	66.2	397.2	93,200*							105
110	42.9	372.7	53,700*	55.4	388.2	72,900*	63.6	394.8	90,400*							110
115	39.2	366.9	50,100*	52.5	384.5	67,000*	60.9	392.1	87,100*							115
120	35.2	360.2	46,900*	49.4	380.4	61,900*	58.1	389.1	79,200*							120
125	30.8	352.3	44,000*	46.1	375.7	57,400*	55.2	385.7	72,400*							125
130	25.6	342.7	41,300*	42.7	370.5	53,400*	52.2	382.0	66,600*							130
135	19.2	330.2	38,900*	39.0	364.6	49,900*	49.1	377.8	61,500*							135
140	8.9	309.3	36,700*	34.9	357.8	46,700*	45.8	373.1	57,100*	60.3	386.1	76,600*				140
145				30.4	349.8	43,800*	42.4	367.8	53,100*	57.5	383.0	74,300*				145
150				25.2	340.1	41,200*	38.6	361.8	49,600*	54.6	379.6	71,300*				150
155				18.6	327.2	38,800*	34.6	355.0	46,400*	51.6	375.7	65,600*				155
160				7.5	304.6	36,500*	30.0	346.9	43,600*	48.5	371.4	60,700*				160
165							24.7	336.9	41,000*	45.2	366.7	56,300*				165
170							18.0	323.7	38,600*	41.7	361.3	52,400*	56.6	374.5	63,600*	170
175							5.7	298.6	36,400*	37.9	355.1	49,000*	53.7	370.9	61,700*	175
180										33.7	348.0	45,900*	50.7	366.9	59,700*	180
185										29.1	339.6	43,100*	47.5	362.5	57,800*	185
190										23.6	329.2	40,500*	44.1	357.5	55,100*	190
195										16.3	315.0	38,200*	40.5	351.9	51,400*	195
200													36.6	345.5	48,000*	200
205													32.4	338.1	45,000*	205
210													27.5	329.2	42,300*	210
215													21.6	317.9	39,800*	215
220													13.3	301.3	37,500*	220

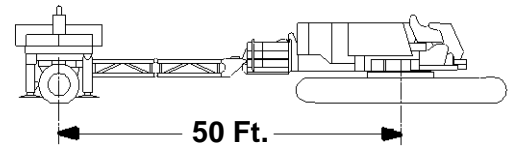


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 280 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	73.2	416.1	98,400*													60
65	70.9	414.4	95,500*													65
70	68.5	412.5	92,700*													70
75	66.1	410.3	89,900*													75
80	63.7	407.9	87,200*													80
85	61.2	405.3	80,200*	70.7	412.4	95,900*										85
90	58.6	402.3	73,300*	68.4	410.5	93,400*										90
95	56.0	399.0	67,300*	66.0	408.4	90,800*										95
100	53.3	395.4	62,100*	63.5	405.9	87,700*										100
105	50.5	391.4	57,500*	61.0	403.2	79,600*										105
110	47.5	387.0	53,500*	58.4	400.3	72,800*	65.8	405.9	87,000*							110
115	44.4	382.0	49,900*	55.8	397.0	66,900*	63.3	403.5	84,500*							115
120	41.1	376.5	46,700*	53.1	393.3	61,800*	60.8	400.8	79,100*							120
125	37.6	370.3	43,800*	50.2	389.3	57,200*	58.2	397.8	72,300*							125
130	33.8	363.2	41,200*	47.3	384.8	53,300*	55.6	394.4	66,500*							130
135	29.5	354.9	38,800*	44.2	379.8	49,700*	52.9	390.7	61,400*							135
140	24.6	344.9	36,600*	40.9	374.3	46,500*	50.0	386.7	56,900*	62.8	397.5	73,900*				140
145	18.4	331.8	34,500*	37.3	368.0	43,600*	47.0	382.2	53,000*	60.3	394.8	71,800*				145
150	8.5	310.0	32,600*	33.5	360.8	41,000*	43.9	377.2	49,400*	57.7	391.7	69,800*				150
155				29.2	352.4	38,600*	40.6	371.5	46,300*	55.1	388.3	65,500*				155
160				24.2	342.2	36,400*	37.1	365.2	43,400*	52.3	384.5	60,500*				160
165				17.9	328.8	34,400*	33.2	357.9	40,800*	49.4	380.4	56,100*				165
170				7.2	305.2	32,500*	28.8	349.4	38,400*	46.4	375.8	52,300*				170
175							23.7	339.0	36,300*	43.3	370.7	48,800*	56.9	383.1	59,800*	175
180							17.3	325.2	34,300*	39.9	364.9	45,700*	54.2	379.6	58,000*	180
185							5.5	299.0	32,400*	36.3	358.4	42,900*	51.4	375.8	56,300*	185
190										32.3	350.9	40,400*	48.5	371.5	54,600*	190
195										27.9	342.1	38,000*	45.5	366.7	51,200*	195
200										22.6	331.2	35,900*	42.3	361.4	47,900*	200
205										15.7	316.3	33,900*	38.8	355.5	44,800*	205
210													35.1	348.7	42,100*	210
215													31.0	340.8	39,600*	215
220													26.4	331.5	37,400*	220
225													20.7	319.7	35,300*	225
230													12.8	302.4	33,300*	230



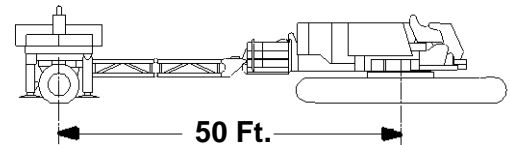


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 280 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.5	426.5	91,600*													60
65	72.3	425.0	89,000*													65
70	70.2	423.2	86,500*													70
75	68.0	421.2	84,000*													75
80	65.7	419.0	81,500*													80
85	63.4	416.6	79,100*													85
90	61.1	413.9	72,800*	70.0	421.3	86,900*										90
95	58.7	411.0	66,800*	67.8	419.3	84,600*										95
100	56.3	407.7	61,600*	65.5	417.1	82,300*										100
105	53.8	404.2	57,100*	63.3	414.6	79,200*										105
110	51.2	400.2	53,000*	60.9	411.9	72,400*	67.6	416.9	83,100*							110
115	48.5	395.9	49,500*	58.6	408.9	66,400*	65.4	414.6	80,900*							115
120	45.7	391.2	46,200*	56.1	405.7	61,300*	63.1	412.1	78,700*							120
125	42.7	386.0	43,300*	53.6	402.1	56,800*	60.8	409.4	71,900*							125
130	39.6	380.1	40,700*	51.0	398.1	52,800*	58.4	406.4	66,000*							130
135	36.2	373.6	38,300*	48.3	393.8	49,200*	55.9	403.1	60,900*							135
140	32.5	366.1	36,100*	45.5	389.0	46,000*	53.4	399.5	56,500*							140
145	28.4	357.4	34,100*	42.5	383.7	43,100*	50.8	395.5	52,500*	62.6	406.2	68,900*				145
150	23.7	347.0	32,200*	39.3	377.9	40,500*	48.1	391.2	49,000*	60.3	403.4	67,000*				150
155	17.7	333.3	30,500*	35.9	371.2	38,100*	45.2	386.4	45,800*	57.9	400.4	65,000*				155
160	8.2	310.7	28,800*	32.2	363.7	35,900*	42.2	381.0	42,900*	55.4	397.0	60,000*				160
165				28.1	354.9	33,900*	39.1	375.1	40,300*	52.9	393.3	55,700*				165
170				23.3	344.2	32,100*	35.6	368.4	38,000*	50.2	389.3	51,800*				170
175				17.2	330.3	30,400*	31.9	360.8	35,800*	47.5	384.8	48,400*				175
180				6.9	305.8	28,700*	27.7	351.9	33,800*	44.6	379.9	45,200*	57.1	391.8	55,800*	180
185							22.8	341.0	32,000*	41.6	374.5	42,400*	54.6	388.4	54,200*	185
190							16.6	326.7	30,200*	38.4	368.4	39,900*	52.1	384.6	52,700*	190
195							5.3	299.4	28,600*	34.9	361.6	37,600*	49.4	380.4	50,700*	195
200										31.1	353.7	35,400*	46.6	375.8	47,400*	200
205										26.8	344.5	33,400*	43.7	370.8	44,400*	205
210										21.7	333.1	31,600*	40.6	365.2	41,600*	210
215										15.1	317.6	29,900*	37.4	358.9	39,200*	215
220													33.8	351.7	36,900*	220
225													29.9	343.5	34,800*	225
230													25.4	333.7	32,900*	230
235													19.9	321.4	31,100*	235
240													12.3	303.5	29,500*	240

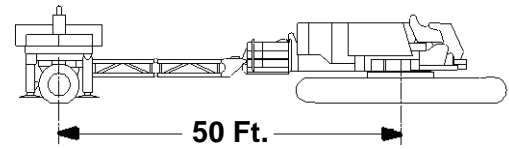


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 280 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.5	435.4	83,400*													65
70	71.5	433.8	81,300*													70
75	69.5	432.0	79,200*													75
80	67.4	430.0	77,100*													80
85	65.3	427.7	75,000*													85
90	63.2	425.3	72,900*													90
95	61.0	422.6	68,100*	69.3	430.1	79,500*										95
100	58.8	419.6	62,800*	67.3	428.0	77,600*										100
105	56.6	416.4	58,100*	65.2	425.8	75,700*										105
110	54.2	412.9	53,900*	63.1	423.3	73,700*										110
115	51.8	409.1	50,200*	60.9	420.6	67,700*	67.1	425.6	76,900*							115
120	49.3	404.9	46,900*	58.7	417.6	62,400*	65.0	423.3	74,900*							120
125	46.7	400.3	43,900*	56.4	414.3	57,800*	62.9	420.8	72,900*							125
130	44.0	395.3	41,200*	54.0	410.8	53,600*	60.7	418.1	67,300*							130
135	41.2	389.8	38,800*	51.6	406.9	50,000*	58.5	415.1	62,000*							135
140	38.2	383.6	36,500*	49.1	402.7	46,700*	56.2	411.8	57,400*							140
145	34.9	376.7	34,400*	46.5	398.1	43,700*	53.8	408.3	53,300*							145
150	31.4	368.9	32,500*	43.8	393.1	41,000*	51.4	404.4	49,700*	62.5	414.9	63,900*				150
155	27.4	359.9	30,800*	41.0	387.5	38,600*	48.9	400.1	46,500*	60.3	412.1	62,300*				155
160	22.8	349.0	29,100*	37.9	381.3	36,400*	46.3	395.5	43,500*	58.0	409.0	60,600*				160
165	17.1	334.8	27,600*	34.6	374.4	34,300*	43.6	390.4	40,900*	55.7	405.7	56,600*				165
170	7.9	311.3	26,200*	31.1	366.5	32,400*	40.7	384.8	38,400*	53.4	402.1	52,600*				170
175				27.1	357.3	30,700*	37.7	378.5	36,200*	50.9	398.1	49,100*				175
180				22.4	346.2	29,000*	34.4	371.5	34,200*	48.4	393.8	45,900*				180
185				16.6	331.7	27,500*	30.8	363.6	32,300*	45.8	389.1	43,000*	57.3	400.5	51,900*	185
190				6.7	306.3	26,100*	26.7	354.3	30,500*	43.0	383.9	40,400*	55.0	397.1	50,500*	190
195							22.0	343.0	28,900*	40.1	378.2	38,000*	52.6	393.4	49,100*	195
200							16.0	328.1	27,400*	37.0	371.8	35,800*	50.2	389.3	47,700*	200
205							5.1	299.9	26,000*	33.7	364.6	33,800*	47.6	384.9	45,000*	205
210										30.0	356.4	32,000*	45.0	380.0	42,200*	210
215										25.9	346.8	30,200*	42.2	374.7	39,600*	215
220										21.0	335.0	28,600*	39.2	368.7	37,300*	220
225										14.5	318.9	27,100*	36.0	362.1	35,200*	225
230													32.6	354.7	33,200*	230
235													28.8	346.1	31,400*	235
240													24.5	335.9	29,700*	240
245													19.2	323.1	28,200*	245
250													11.9	304.5	26,700*	250

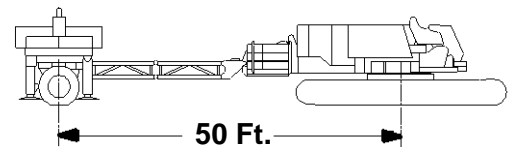


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 280 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.6	445.9	77,800*													65
70	72.7	444.4	75,900*													70
75	70.8	442.7	74,000*													75
80	68.9	440.8	72,100*													80
85	67.0	438.7	70,100*													85
90	65.0	436.4	68,200*													90
95	63.0	434.0	66,400*	70.7	440.7	74,100*										95
100	61.0	431.2	62,200*	68.8	438.8	72,400*										100
105	58.9	428.3	57,500*	66.8	436.7	70,600*										105
110	56.8	425.1	53,400*	64.9	434.5	68,800*										110
115	54.6	421.6	49,700*	62.9	431.9	67,000*										115
120	52.4	417.9	46,400*	60.8	429.2	61,900*	66.7	434.3	70,300*							120
125	50.0	413.8	43,400*	58.7	426.3	57,200*	64.7	432.0	68,700*							125
130	47.6	409.3	40,700*	56.6	423.0	53,100*	62.7	429.5	66,800*							130
135	45.2	404.5	38,200*	54.4	419.5	49,400*	60.7	426.7	61,500*							135
140	42.5	399.2	36,000*	52.2	415.8	46,100*	58.6	423.8	56,900*							140
145	39.8	393.4	33,900*	49.9	411.6	43,200*	56.4	420.5	52,800*							145
150	36.9	387.0	32,000*	47.5	407.2	40,500*	54.2	417.0	49,200*							150
155	33.8	379.8	30,200*	45.0	402.3	38,100*	52.0	413.2	45,900*	62.3	423.5	59,600*				155
160	30.3	371.7	28,600*	42.3	397.0	35,800*	49.7	409.0	43,000*	60.3	420.7	58,200*				160
165	26.5	362.2	27,100*	39.6	391.1	33,800*	47.3	404.5	40,300*	58.2	417.7	56,100*				165
170	22.1	350.9	25,700*	36.7	384.6	31,900*	44.8	399.6	37,900*	56.0	414.4	52,100*				170
175	16.5	336.3	24,300*	33.5	377.4	30,100*	42.1	394.3	35,700*	53.8	410.8	48,500*				175
180	7.6	312.0	23,100*	30.1	369.2	28,500*	39.4	388.4	33,600*	51.5	407.0	45,300*				180
185				26.2	359.6	27,000*	36.4	381.8	31,700*	49.2	402.7	42,500*				185
190				21.7	348.1	25,600*	33.2	374.5	30,000*	46.8	398.2	39,800*	57.5	409.2	48,400*	190
195				16.0	333.1	24,300*	29.8	366.2	28,400*	44.2	393.2	37,500*	55.3	405.8	47,200*	195
200				6.4	306.8	23,000*	25.9	356.6	26,900*	41.6	387.7	35,300*	53.1	402.1	45,900*	200
205							21.3	344.8	25,500*	38.8	381.7	33,300*	50.8	398.2	44,400*	205
210							15.5	329.4	24,200*	35.8	375.0	31,400*	48.5	393.8	41,600*	210
215							4.9	300.2	22,900*	32.6	367.5	29,700*	46.0	389.1	39,100*	215
220										29.0	359.0	28,100*	43.4	384.0	36,800*	220
225										25.0	349.0	26,600*	40.7	378.4	34,700*	225
230										20.3	336.7	25,200*	37.9	372.2	32,700*	230
235										14.1	320.1	23,900*	34.8	365.3	30,900*	235
240													31.5	357.5	29,200*	240
245													27.9	348.6	27,700*	245
250													23.7	338.0	26,200*	250
255													18.6	324.7	24,900*	255
260													11.5	305.5	23,600*	260

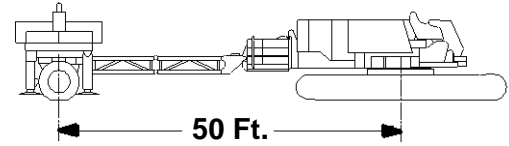


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 280 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.8	454.8	70,800*													70
75	72.0	453.2	69,500*													75
80	70.2	451.5	67,700*													80
85	68.4	449.6	66,000*													85
90	66.6	447.4	64,300*													90
95	64.7	445.1	62,500*													95
100	62.8	442.6	60,500*	70.1	449.5	67,900*										100
105	60.9	439.9	57,200*	68.3	447.6	66,300*										105
110	59.0	437.0	53,100*	66.4	445.5	64,700*										110
115	57.0	433.8	49,400*	64.6	443.1	63,000*										115
120	54.9	430.3	46,000*	62.7	440.6	60,900*										120
125	52.8	426.6	43,100*	60.8	437.9	56,900*	66.3	443.0	64,400*							125
130	50.7	422.6	40,400*	58.8	434.9	52,800*	64.4	440.7	62,800*							130
135	48.4	418.3	37,900*	56.8	431.7	49,100*	62.5	438.2	60,800*							135
140	46.1	413.6	35,600*	54.8	428.3	45,800*	60.6	435.4	56,600*							140
145	43.7	408.5	33,600*	52.7	424.5	42,900*	58.7	432.4	52,500*							145
150	41.2	403.0	31,700*	50.5	420.5	40,200*	56.7	429.2	48,900*							150
155	38.6	396.9	29,900*	48.3	416.2	37,700*	54.6	425.7	45,600*							155
160	35.7	390.2	28,300*	45.9	411.4	35,500*	52.5	422.0	42,700*	62.2	432.2	56,000*				160
165	32.7	382.7	26,800*	43.5	406.3	33,400*	50.3	417.9	40,000*	60.2	429.4	54,700*				165
170	29.4	374.3	25,400*	41.0	400.7	31,600*	48.1	413.5	37,600*	58.3	426.4	51,800*				170
175	25.7	364.5	24,000*	38.3	394.6	29,800*	45.8	408.8	35,300*	56.3	423.1	48,200*				175
180	21.4	352.8	22,800*	35.5	387.8	28,200*	43.3	403.6	33,300*	54.2	419.6	45,000*				180
185	16.0	337.7	21,600*	32.5	380.3	26,700*	40.8	398.0	31,400*	52.1	415.8	42,100*				185
190	7.4	312.6	20,500*	29.1	371.8	25,300*	38.1	391.8	29,700*	49.9	411.6	39,500*				190
195				25.4	361.9	24,000*	35.3	385.0	28,100*	47.6	407.2	37,100*	57.6	417.9	45,600*	195
200				21.0	350.0	22,700*	32.2	377.4	26,600*	45.3	402.4	34,900*	55.6	414.5	44,400*	200
205				15.5	334.4	21,600*	28.8	368.8	25,200*	42.8	397.1	32,900*	53.5	410.9	43,300*	205
210				6.2	307.3	20,400*	25.1	358.8	23,900*	40.3	391.4	31,100*	51.4	407.0	41,300*	210
215							20.7	346.7	22,600*	37.6	385.1	29,400*	49.2	402.8	38,800*	215
220							15.0	330.7	21,500*	34.7	378.2	27,800*	46.9	398.2	36,500*	220
225							4.7	300.6	20,400*	31.6	370.4	26,300*	44.5	393.3	34,300*	225
230										28.1	361.5	24,900*	42.1	387.9	32,400*	230
235										24.3	351.1	23,600*	39.5	382.0	30,600*	235
240										19.7	338.5	22,400*	36.7	375.5	28,900*	240
245										13.6	321.3	21,300*	33.8	368.3	27,300*	245
250													30.5	360.2	25,900*	250
255													27.0	351.0	24,500*	255
260													22.9	340.0	23,300*	260
265													18.0	326.3	22,100*	265
270													11.1	306.4	20,900*	270

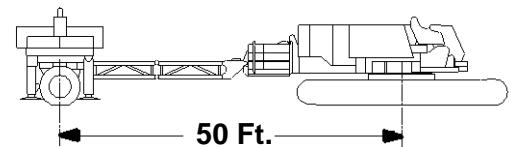


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 280 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.7	465.2	63,700*													70
75	73.0	463.8	63,100*													75
80	71.4	462.1	62,600*													80
85	69.7	460.3	61,600*													85
90	68.0	458.3	60,100*													90
95	66.2	456.2	58,200*													95
100	64.5	453.8	56,000*													100
105	62.7	451.3	53,900*	69.5	458.3	62,100*										105
110	60.9	448.6	51,800*	67.8	456.4	60,300*										110
115	59.0	445.6	48,800*	66.1	454.2	58,400*										115
120	57.1	442.5	45,500*	64.3	451.8	56,300*										120
125	55.2	439.1	42,500*	62.5	449.3	54,200*	67.7	453.9	59,900*							125
130	53.2	435.4	39,800*	60.7	446.5	52,100*	66.0	451.8	58,000*							130
135	51.2	431.5	37,300*	58.9	443.6	48,600*	64.2	449.4	56,000*							135
140	49.1	427.2	35,100*	57.0	440.4	45,300*	62.4	446.8	54,100*							140
145	47.0	422.7	33,000*	55.1	437.0	42,300*	60.6	444.1	52,000*							145
150	44.7	417.8	31,100*	53.1	433.3	39,600*	58.7	441.1	48,300*							150
155	42.4	412.4	29,400*	51.1	429.3	37,200*	56.8	437.9	45,100*							155
160	40.0	406.6	27,700*	49.0	425.1	34,900*	54.9	434.4	42,100*							160
165	37.4	400.3	26,200*	46.8	420.5	32,900*	52.9	430.7	39,400*	62.0	440.9	52,200*				165
170	34.7	393.3	24,800*	44.6	415.6	31,000*	50.9	426.8	37,000*	60.2	438.1	50,900*				170
175	31.7	385.6	23,500*	42.2	410.2	29,300*	48.8	422.5	34,800*	58.4	435.0	47,700*				175
180	28.5	376.8	22,300*	39.8	404.4	27,600*	46.6	417.9	32,800*	56.5	431.8	44,500*				180
185	24.9	366.7	21,100*	37.2	398.0	26,100*	44.4	412.9	30,900*	54.5	428.3	41,600*				185
190	20.8	354.6	20,000*	34.5	391.0	24,700*	42.0	407.5	29,100*	52.5	424.5	39,000*				190
195	15.6	339.0	19,000*	31.5	383.1	23,400*	39.6	401.6	27,500*	50.5	420.5	36,600*				195
200	7.2	313.2	18,000*	28.3	374.3	22,200*	37.0	395.2	26,000*	48.4	416.2	34,400*	57.8	426.5	42,400*	200
205				24.7	364.1	21,000*	34.2	388.1	24,600*	46.2	411.5	32,400*	55.9	423.2	41,400*	205
210				20.4	351.8	19,900*	31.3	380.2	23,300*	43.9	406.4	30,500*	53.9	419.6	40,400*	210
215				15.1	335.8	18,900*	28.0	371.3	22,100*	41.6	400.9	28,800*	51.9	415.8	38,200*	215
220				6.1	307.8	17,900*	24.3	360.9	21,000*	39.1	395.0	27,200*	49.8	411.7	35,900*	220
225							20.1	348.4	19,900*	36.5	388.4	25,800*	47.7	407.2	33,800*	225
230							14.6	332.0	18,800*	33.7	381.2	24,400*	45.5	402.4	31,800*	230
235							4.6	301.0	17,800*	30.6	373.1	23,100*	43.2	397.3	30,000*	235
240										27.3	363.9	21,900*	40.8	391.6	28,300*	240
245										23.6	353.2	20,800*	38.3	385.5	26,800*	245
250										19.1	340.1	19,700*	35.6	378.7	25,300*	250
255										13.2	322.4	18,700*	32.8	371.3	24,000*	255
260													29.7	362.9	22,700*	260
265													26.2	353.3	21,500*	265
270													22.3	342.0	20,400*	270
275													17.5	327.8	19,400*	275
280													10.8	307.3	18,400*	280

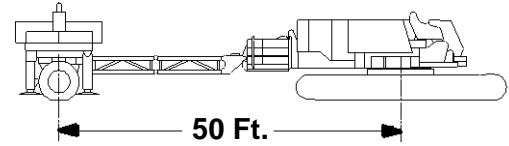


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 280 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.0	474.2	56,400*													75
80	72.4	472.7	56,000*													80
85	70.8	471.0	55,500*													85
90	69.2	469.1	54,700*													90
95	67.5	467.1	52,800*													95
100	65.9	464.9	50,900*													100
105	64.2	462.5	48,900*	70.7	469.0	55,300*										105
110	62.5	460.0	46,800*	69.1	467.1	54,800*										110
115	60.8	457.2	44,800*	67.4	465.1	52,900*										115
120	59.1	454.3	42,900*	65.8	462.9	51,000*										120
125	57.3	451.1	40,900*	64.1	460.5	49,100*										125
130	55.5	447.8	39,000*	62.4	458.0	47,000*	67.3	462.7	52,500*							130
135	53.6	444.2	37,200*	60.7	455.2	45,100*	65.6	460.5	50,800*							135
140	51.7	440.3	35,000*	58.9	452.2	43,100*	64.0	458.1	48,900*							140
145	49.7	436.1	32,900*	57.2	449.1	41,200*	62.3	455.5	46,900*							145
150	47.7	431.7	31,000*	55.3	445.7	39,300*	60.6	452.7	45,000*							150
155	45.6	426.9	29,200*	53.5	442.1	37,200*	58.8	449.8	43,100*							155
160	43.5	421.8	27,500*	51.6	438.2	34,900*	57.0	446.6	41,200*							160
165	41.2	416.2	26,000*	49.6	434.0	32,800*	55.2	443.2	39,300*							165
170	38.9	410.2	24,500*	47.6	429.5	30,800*	53.3	439.5	37,000*	61.9	449.5	46,100*				170
175	36.4	403.6	23,200*	45.5	424.7	29,100*	51.4	435.6	34,700*	60.2	446.7	44,400*				175
180	33.7	396.4	22,000*	43.3	419.6	27,400*	49.4	431.4	32,600*	58.5	443.7	42,600*				180
185	30.9	388.3	20,800*	41.1	414.0	25,900*	47.4	426.9	30,700*	56.7	440.5	40,800*				185
190	27.7	379.3	19,700*	38.7	407.9	24,500*	45.3	422.1	28,900*	54.8	437.0	39,000*				190
195	24.3	368.9	18,600*	36.2	401.3	23,100*	43.1	416.9	27,300*	52.9	433.3	36,500*				195
200	20.2	356.4	17,600*	33.5	394.0	21,900*	40.9	411.2	25,800*	51.0	429.4	34,300*				200
205	15.1	340.3	16,700*	30.6	385.9	20,700*	38.5	405.1	24,400*	49.0	425.1	32,300*	57.9	435.2	39,300*	205
210	7.0	313.8	15,800*	27.5	376.7	19,600*	36.0	398.5	23,000*	47.0	420.5	30,400*	56.1	431.9	38,400*	210
215				24.0	366.2	18,600*	33.3	391.1	21,800*	44.9	415.6	28,600*	54.2	428.4	37,500*	215
220				19.9	353.5	17,600*	30.4	382.9	20,600*	42.7	410.4	27,000*	52.4	424.6	35,800*	220
225				14.7	337.0	16,600*	27.2	373.7	19,500*	40.4	404.6	25,500*	50.4	420.6	33,700*	225
230				5.9	308.3	15,700*	23.7	363.0	18,500*	38.0	398.4	24,100*	48.4	416.2	31,700*	230
235							19.5	350.1	17,500*	35.5	391.6	22,800*	46.4	411.5	29,800*	235
240							14.2	333.2	16,600*	32.7	384.1	21,600*	44.2	406.5	28,100*	240
245							4.4	301.3	15,700*	29.8	375.8	20,400*	42.0	401.1	26,600*	245
250										26.6	366.3	19,300*	39.7	395.2	25,100*	250
255										22.9	355.2	18,300*	37.2	388.9	23,700*	255
260										18.6	341.8	17,300*	34.6	381.9	22,400*	260
265										12.9	323.5	16,400*	31.9	374.1	21,200*	265
270													28.8	365.4	20,100*	270
275													25.5	355.5	19,000*	275
280													21.7	343.9	18,000*	280
285													17.0	329.3	17,100*	285
290													10.5	308.2	16,200*	290

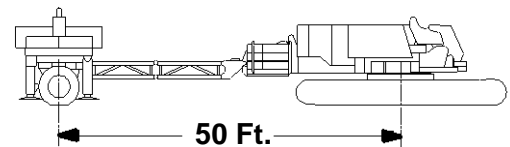


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 280 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
75	74.8	484.6	50,900*													75
80	73.3	483.1	50,500*													80
85	71.8	481.5	50,000*													85
90	70.3	479.8	49,600*													90
95	68.7	477.9	48,700*													95
100	67.2	475.8	46,800*													100
105	65.6	473.6	44,900*													105
110	64.0	471.2	42,900*	70.1	477.8	49,400*										110
115	62.4	468.6	40,900*	68.6	475.9	48,700*										115
120	60.8	465.9	39,000*	67.1	473.8	46,900*										120
125	59.1	463.0	37,100*	65.5	471.6	45,000*										125
130	57.4	459.8	35,200*	63.9	469.2	43,100*										130
135	55.7	456.5	33,500*	62.3	466.6	41,100*	66.9	471.4	46,500*							135
140	53.9	452.9	31,700*	60.7	463.9	39,100*	65.4	469.2	44,700*							140
145	52.1	449.1	30,000*	59.0	460.9	37,300*	63.8	466.7	42,900*							145
150	50.3	445.0	28,400*	57.3	457.8	35,400*	62.2	464.2	41,000*							150
155	48.4	440.7	26,900*	55.6	454.4	33,600*	60.5	461.4	39,100*							155
160	46.4	436.0	25,400*	53.8	450.8	31,900*	58.9	458.4	37,200*							160
165	44.4	431.0	23,900*	52.0	447.0	30,200*	57.2	455.2	35,400*							165
170	42.3	425.7	22,500*	50.2	442.9	28,600*	55.4	451.9	33,700*							170
175	40.1	419.9	21,200*	48.3	438.5	27,000*	53.7	448.3	31,900*	61.8	458.2	40,300*				175
180	37.8	413.6	19,900*	46.3	433.8	25,500*	51.9	444.4	30,300*	60.2	455.4	38,500*				180
185	35.4	406.8	18,700*	44.3	428.8	24,100*	50.0	440.3	28,600*	58.5	452.4	36,800*				185
190	32.8	399.3	17,600*	42.2	423.4	22,700*	48.1	435.9	27,100*	56.8	449.2	35,100*				190
195	30.1	391.0	16,400*	40.0	417.6	21,300*	46.1	431.2	25,600*	55.1	445.7	33,400*				195
200	27.0	381.7	15,400*	37.7	411.3	20,000*	44.1	426.2	24,100*	53.3	442.1	31,700*				200
205	23.6	370.9	14,400*	35.2	404.4	18,800*	42.0	420.7	22,700*	51.5	438.2	30,100*				205
210	19.7	358.1	13,400*	32.6	396.9	17,600*	39.8	414.9	21,400*	49.6	434.0	28,500*	58.0	443.9	35,800*	210
215	14.7	341.6	12,500*	29.8	388.5	16,500*	37.5	408.5	20,100*	47.7	429.6	26,900*	56.3	440.6	34,200*	215
220	6.8	314.3	11,800*	26.8	379.1	15,500*	35.0	401.6	18,900*	45.7	424.8	25,400*	54.5	437.1	32,600*	220
225				23.3	368.2	14,400*	32.4	394.0	17,700*	43.7	419.7	24,000*	52.8	433.4	31,100*	225
230				19.3	355.2	13,500*	29.6	385.6	16,600*	41.6	414.2	22,600*	50.9	429.4	29,500*	230
235				14.3	338.3	12,600*	26.5	376.1	15,500*	39.3	408.2	21,300*	49.0	425.1	28,000*	235
240				5.7	308.8	11,900*	23.1	365.0	14,500*	37.0	401.8	20,000*	47.1	420.6	26,500*	240
245							19.0	351.8	13,500*	34.5	394.7	18,800*	45.1	415.7	25,100*	245
250							13.8	334.4	12,700*	31.9	387.0	17,700*	43.0	410.5	23,700*	250
255							4.3	301.7	11,900*	29.0	378.4	16,500*	40.9	404.9	22,300*	255
260										25.9	368.6	15,500*	38.6	398.8	21,000*	260
265										22.3	357.2	14,500*	36.2	392.1	19,800*	265
270										18.1	343.3	13,500*	33.7	384.9	18,600*	270
275										12.5	324.6	12,700*	31.0	376.9	17,400*	275
280													28.1	367.9	16,300*	280
285													24.8	357.7	15,300*	285
290													21.1	345.7	14,300*	290
295													16.6	330.7	13,400*	295
300													10.2	309.1	12,600*	300

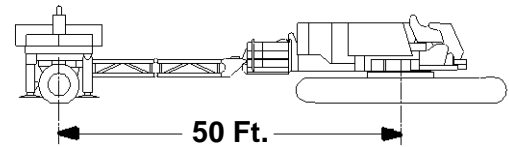


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 70 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	67.7	376.2	134,600*b													50
55	63.2	373.8	134,600*b													55
60	58.5	370.9	134,600*b													60
65	53.5	367.4	122,900*b													65
70	48.1	363.2	108,600*b													70
75	42.2	358.0	97,000*	64.1	372.4	132,300*b										75
80	35.5	351.6	87,500*	59.4	369.6	126,500*b										80
85	27.5	343.1	79,600*	54.5	366.2	121,300*b										85
90	15.8	329.8	72,800*	49.2	362.2	111,300*b	64.7	370.3	122,300*b							90
95				43.5	357.2	99,200*	60.1	367.6	117,200*b							95
100				37.0	351.1	89,400*	55.2	364.3	112,200*b							100
105				29.3	343.1	81,100*	49.9	360.3	107,600*b							105
110				18.8	331.3	74,100*	44.2	355.5	100,600*							110
115							37.9	349.5	90,500*							115
120							30.4	341.9	82,100*	60.7	362.2	101,600*b				120
125							20.4	330.8	75,000*	55.9	359.0	97,500*b				125
130										50.7	355.1	93,500*b				130
135										45.1	350.4	89,700*b				135
140										38.8	344.7	86,100*				140
145										31.5	337.3	82,600*				145
150										22.1	326.9	76,000*	56.0	351.0	83,100*b	150
155													50.8	347.2	79,600*b	155
160													45.2	342.5	76,500*	160
165													39.0	336.8	73,400*	165
170													31.7	329.4	70,500*	170
175													22.4	319.2	67,700*	175

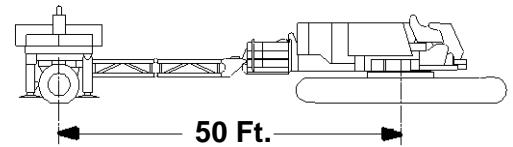


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 300 Ft. Boom, 80 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	70.7	387.0	124,500* <b>b</b>													50
55	66.8	385.0	124,500* <b>b</b>													55
60	62.8	382.5	124,500* <b>b</b>													60
65	58.7	379.6	123,600* <b>b</b>													65
70	54.3	376.2	109,100* <b>b</b>													70
75	49.7	372.1	97,400*	67.6	383.5	122,200* <b>b</b>										75
80	44.8	367.4	87,900*	63.6	381.1	121,400* <b>b</b>										80
85	39.3	361.6	79,900*	59.5	378.3	116,500* <b>b</b>										85
90	33.1	354.6	73,100*	55.2	375.0	111,800* <b>b</b>										90
95	25.6	345.3	67,200*	50.7	371.1	99,700*	64.1	379.0	112,500* <b>b</b>							95
100	14.7	331.0	62,100*	45.8	366.5	89,700*	60.1	376.3	108,000* <b>b</b>							100
105				40.5	360.9	81,400*	55.8	373.0	103,800* <b>b</b>							105
110				34.5	354.2	74,400*	51.3	369.2	99,800*							110
115				27.3	345.5	68,300*	46.4	364.7	90,900*							115
120				17.5	332.8	63,100*	41.2	359.3	82,400*							120
125							35.3	352.7	75,200*	60.6	370.9	93,800* <b>b</b>				125
130							28.3	344.4	69,100*	56.4	367.7	90,100* <b>b</b>				130
135							19.0	332.4	63,700*	51.9	364.0	86,700*				135
140										47.2	359.6	83,400*				140
145										42.0	354.3	80,300*				145
150										36.2	348.0	76,200*				150
155										29.4	339.9	70,000*	56.5	359.7	76,800* <b>b</b>	155
160										20.6	328.7	64,500*	52.0	356.0	73,800*	160
165													47.3	351.6	71,100*	165
170													42.1	346.4	68,400*	170
175													36.3	340.1	65,800*	175
180													29.6	332.1	63,300*	180
185													20.8	321.0	60,900*	185

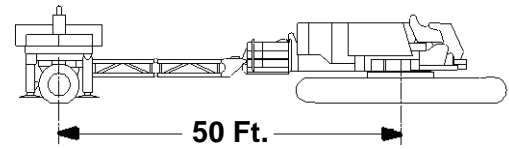


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 90 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	72.9	397.6	115,800*b													50
55	69.5	395.8	115,800*b													55
60	66.1	393.7	115,800*b													60
65	62.5	391.2	115,800*b													65
70	58.8	388.3	110,500*b													70
75	55.0	384.9	98,600*	70.2	394.2	113,300*b										75
80	50.9	381.0	88,800*	66.8	392.2	113,300*b										80
85	46.7	376.5	80,600*	63.2	389.8	111,400*b										85
90	42.0	371.2	73,700*	59.6	387.0	107,300*b										90
95	36.9	365.0	67,700*	55.8	383.7	100,800*	67.2	390.1	107,200*b							95
100	31.1	357.4	62,500*	51.8	379.9	90,700*	63.7	387.7	103,300*b							100
105	24.1	347.5	58,000*	47.6	375.5	82,200*	60.0	384.9	99,500*b							105
110	13.8	332.2	53,900*	43.0	370.4	75,000*	56.3	381.7	95,900*							110
115				38.0	364.4	68,900*	52.3	378.0	91,900*							115
120				32.4	357.1	63,600*	48.1	373.7	83,200*							120
125				25.6	347.8	58,900*	43.6	368.7	75,900*							125
130				16.4	334.2	54,700*	38.7	362.8	69,600*	60.6	379.5	86,600*b				130
135							33.2	355.7	64,200*	56.8	376.4	83,400*				135
140							26.6	346.7	59,500*	52.9	372.8	80,400*				140
145							17.9	334.0	55,300*	48.7	368.6	77,600*				145
150										44.3	363.7	74,800*				150
155										39.4	357.9	70,500*				155
160										34.0	351.0	65,000*	56.9	368.4	71,100*	160
165										27.6	342.4	60,200*	53.0	364.8	68,500*	165
170										19.4	330.4	55,900*	48.8	360.6	66,100*	170
175													44.4	355.8	63,700*	175
180													39.5	350.0	61,400*	180
185													34.1	343.2	59,200*	185
190													27.8	334.5	57,100*	190
195													19.6	322.7	54,900*	195

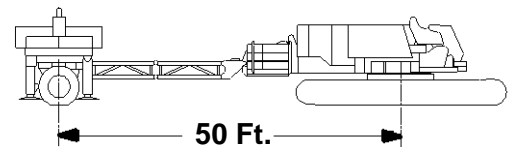


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 300 Ft. Boom, 100 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.7	408.0	107,500*b													50
55	71.7	406.4	107,500*b													55
60	68.6	404.6	107,500*b													60
65	65.5	402.4	107,500*b													65
70	62.3	399.8	106,400*													70
75	58.9	396.9	98,500*													75
80	55.5	393.6	88,700*	69.2	403.0	105,500*b										80
85	51.9	389.8	80,500*	66.1	400.9	105,500*b										85
90	48.1	385.5	73,500*	62.9	398.4	102,900*b										90
95	44.1	380.6	67,500*	59.6	395.6	99,300*										95
100	39.8	374.9	62,300*	56.2	392.4	90,600*	66.5	398.8	99,000*b							100
105	35.0	368.2	57,800*	52.6	388.7	82,100*	63.3	396.4	95,600*b							105
110	29.5	360.0	53,700*	48.9	384.5	74,900*	60.0	393.6	92,300*							110
115	22.8	349.5	50,100*	44.9	379.7	68,700*	56.6	390.4	89,100*							115
120	13.1	333.3	46,900*	40.7	374.2	63,300*	53.1	386.8	83,100*							120
125				36.0	367.7	58,700*	49.4	382.7	75,700*							125
130				30.6	359.9	54,500*	45.5	378.0	69,500*							130
135				24.3	349.9	50,900*	41.2	372.5	64,000*	60.5	388.2	80,300*				135
140				15.5	335.5	47,500*	36.6	366.2	59,300*	57.1	385.1	77,500*				140
145							31.4	358.5	55,100*	53.6	381.5	74,900*				145
150							25.2	349.0	51,300*	49.9	377.5	72,300*				150
155							16.9	335.4	48,000*	46.0	372.9	69,700*				155
160										41.9	367.5	64,800*				160
165										37.3	361.3	59,900*	57.2	377.1	66,000*	165
170										32.2	353.9	55,700*	53.7	373.6	63,700*	170
175										26.1	344.7	51,900*	50.0	369.5	61,500*	175
180										18.3	332.0	48,500*	46.1	364.9	59,400*	180
185													42.0	359.6	57,400*	185
190													37.4	353.4	55,400*	190
195													32.3	346.1	53,500*	195
200													26.3	336.9	51,600*	200
205													18.5	324.3	48,600*	205

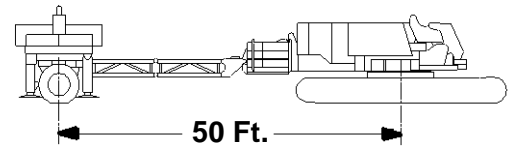


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 110 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	73.4	417.0	100,700*b													55
60	70.6	415.3	100,700*b													60
65	67.8	413.3	100,700*b													65
70	65.0	411.1	100,000*													70
75	62.0	408.5	96,700*													75
80	59.0	405.6	90,600*													80
85	55.9	402.3	82,200*	68.4	411.8	98,700*b										85
90	52.7	398.6	75,100*	65.6	409.6	98,700*										90
95	49.3	394.5	69,000*	62.6	407.1	95,600*										95
100	45.7	389.8	63,700*	59.6	404.3	92,400*										100
105	41.9	384.5	59,000*	56.6	401.1	83,900*	65.9	407.5	91,900*							105
110	37.8	378.3	54,900*	53.4	397.5	76,500*	63.0	405.0	88,800*							110
115	33.2	371.2	51,200*	50.0	393.4	70,200*	60.0	402.3	86,000*							115
120	28.0	362.5	47,900*	46.5	388.9	64,700*	57.0	399.1	83,200*							120
125	21.7	351.4	45,000*	42.7	383.7	59,900*	53.8	395.6	77,400*							125
130	12.4	334.3	42,200*	38.7	377.7	55,700*	50.4	391.6	71,000*							130
135				34.2	370.8	52,000*	46.9	387.1	65,400*							135
140				29.2	362.5	48,600*	43.2	382.0	60,500*	60.5	396.9	74,900*				140
145				23.1	352.0	45,600*	39.2	376.1	56,200*	57.4	393.8	72,500*				145
150				14.8	336.8	42,800*	34.8	369.3	52,400*	54.2	390.3	70,100*				150
155							29.8	361.2	49,000*	50.9	386.4	67,800*				155
160							23.9	351.1	46,000*	47.4	381.9	65,500*				160
165							16.1	336.8	43,200*	43.8	376.9	61,200*				165
170										39.8	371.2	56,900*	57.5	385.8	61,700*	170
175										35.5	364.6	53,000*	54.3	382.3	59,600*	175
180										30.6	356.7	49,500*	51.0	378.4	57,700*	180
185										24.9	346.9	46,400*	47.5	374.0	55,800*	185
190										17.4	333.5	43,600*	43.8	369.0	54,000*	190
195													39.9	363.3	52,200*	195
200													35.6	356.7	50,400*	200
205													30.7	348.8	48,700*	205
210													25.0	339.1	46,500*	210
215													17.6	325.8	43,700*	215

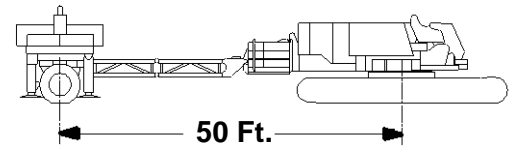


# Liftcrane Luffing Jib Capacities

## MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



### 300 Ft. Boom, 120 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.8	427.4	93,700*b													55
60	72.3	425.9	93,700*b													60
65	69.8	424.1	93,700*b													65
70	67.2	422.1	93,500*													70
75	64.6	419.8	90,700*													75
80	61.9	417.2	87,900*													80
85	59.1	414.3	81,900*	70.3	422.5	91,500*b										85
90	56.3	411.0	74,700*	67.7	420.6	91,500*										90
95	53.3	407.4	68,600*	65.1	418.3	91,500*										95
100	50.3	403.4	63,300*	62.4	415.8	88,800*										100
105	47.1	398.9	58,600*	59.7	412.9	83,500*										105
110	43.7	393.8	54,500*	56.9	409.8	76,100*	65.4	416.2	85,300*							110
115	40.0	388.1	50,800*	53.9	406.2	69,800*	62.8	413.7	82,600*							115
120	36.1	381.6	47,500*	50.9	402.3	64,300*	60.0	410.9	80,100*							120
125	31.8	374.0	44,500*	47.7	397.9	59,500*	57.2	407.8	77,000*							125
130	26.8	364.9	41,900*	44.4	393.0	55,300*	54.3	404.3	70,600*							130
135	20.7	353.2	39,400*	40.8	387.4	51,500*	51.3	400.4	65,000*							135
140	11.9	335.3	37,100*	36.9	381.1	48,200*	48.1	396.1	60,100*							140
145				32.7	373.7	45,100*	44.8	391.2	55,800*	60.4	405.5	69,700*				145
150				27.9	364.9	42,400*	41.3	385.8	52,000*	57.6	402.4	67,600*				150
155				22.1	353.9	39,900*	37.4	379.5	48,600*	54.7	399.0	65,500*				155
160				14.1	338.0	37,600*	33.3	372.3	45,500*	51.7	395.2	63,400*				160
165							28.5	363.8	42,800*	48.6	390.9	60,800*				165
170							22.9	353.1	40,200*	45.3	386.2	56,400*				170
175							15.4	338.1	37,900*	41.8	380.8	52,600*	57.7	394.5	57,400*	175
180										38.0	374.7	49,100*	54.8	391.1	55,600*	180
185										33.9	367.6	46,000*	51.8	387.2	53,900*	185
190										29.2	359.3	43,200*	48.7	383.0	52,200*	190
195										23.8	349.0	40,600*	45.4	378.2	50,500*	195
200										16.7	334.9	38,200*	41.9	372.9	48,900*	200
205													38.1	366.8	47,300*	205
210													34.0	359.7	45,700*	210
215													29.4	351.4	43,300*	215
220													23.9	341.2	40,700*	220
225													16.8	327.3	38,300*	225

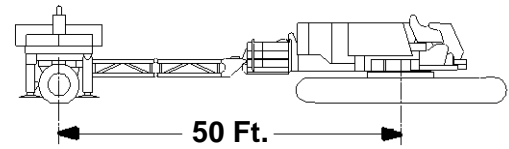


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 130 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	73.7	436.4	87,800*													60
65	71.4	434.7	87,800*													65
70	69.0	432.9	87,500*													70
75	66.7	430.8	85,200*													75
80	64.2	428.4	82,700*													80
85	61.7	425.8	80,200*													85
90	59.2	422.9	75,400*	69.5	431.3	85,700*										90
95	56.6	419.7	69,200*	67.1	429.3	85,700*										95
100	53.9	416.2	63,700*	64.7	427.0	84,700*										100
105	51.1	412.2	59,000*	62.2	424.4	82,200*										105
110	48.1	407.9	54,800*	59.7	421.6	76,900*	67.4	427.2	81,200*							110
115	45.1	403.1	51,000*	57.1	418.5	70,400*	65.0	424.9	78,900*							115
120	41.8	397.7	47,700*	54.4	415.0	64,800*	62.6	422.4	76,600*							120
125	38.4	391.6	44,700*	51.6	411.1	59,900*	60.0	419.6	74,400*							125
130	34.6	384.7	42,000*	48.7	406.9	55,600*	57.4	416.5	71,200*							130
135	30.5	376.7	39,500*	45.7	402.2	51,800*	54.8	413.0	65,500*							135
140	25.7	367.1	37,200*	42.5	396.9	48,400*	52.0	409.2	60,500*							140
145	19.9	354.9	35,100*	39.1	391.0	45,300*	49.1	405.0	56,100*	62.9	416.9	66,700*				145
150	11.4	336.3	33,200*	35.4	384.3	42,500*	46.1	400.4	52,300*	60.4	414.2	64,800*				150
155				31.3	376.5	40,000*	42.9	395.2	48,800*	57.8	411.1	62,900*				155
160				26.7	367.3	37,700*	39.6	389.4	45,700*	55.2	407.7	61,100*				160
165				21.2	355.7	35,600*	35.9	382.8	42,900*	52.4	404.0	59,200*				165
170				13.5	339.2	33,600*	31.9	375.2	40,300*	49.5	399.9	56,800*				170
175							27.4	366.2	38,000*	46.6	395.3	52,800*				175
180							22.0	355.0	35,800*	43.4	390.2	49,300*	57.9	403.1	53,400*	180
185							14.7	339.4	33,900*	40.1	384.4	46,200*	55.2	399.8	51,800*	185
190										36.4	378.0	43,300*	52.5	396.0	50,300*	190
195										32.5	370.5	40,700*	49.6	391.9	48,800*	195
200										28.0	361.8	38,300*	46.6	387.3	47,300*	200
205										22.8	351.0	36,200*	43.5	382.2	45,800*	205
210										16.0	336.3	34,200*	40.1	376.5	44,400*	210
215													36.5	370.1	43,000*	215
220													32.6	362.7	40,800*	220
225													28.2	353.9	38,400*	225
230													22.9	343.2	36,200*	230
235													16.2	328.7	34,200*	235

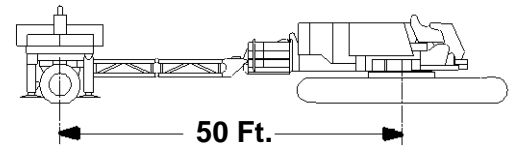


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 140 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.9	446.8	81,800* <sup>b</sup>													60
65	72.8	445.3	81,800*													65
70	70.6	443.6	81,300*													70
75	68.4	441.6	79,400*													75
80	66.2	439.5	77,400*													80
85	63.9	437.1	75,300*													85
90	61.6	434.5	73,000*													90
95	59.2	431.6	68,700*	68.9	440.1	79,900*										95
100	56.8	428.4	63,300*	66.6	438.0	79,900*										100
105	54.3	424.9	58,500*	64.4	435.7	77,900*										105
110	51.7	421.1	54,300*	62.1	433.1	75,800*										110
115	49.1	416.9	50,600*	59.7	430.3	69,900*	66.9	435.9	75,400*							115
120	46.3	412.2	47,200*	57.3	427.1	64,300*	64.7	433.6	73,400*							120
125	43.3	407.1	44,200*	54.8	423.7	59,400*	62.4	431.0	71,400*							125
130	40.2	401.4	41,500*	52.3	419.9	55,100*	60.0	428.2	69,400*							130
135	36.9	395.0	39,000*	49.6	415.8	51,300*	57.6	425.1	65,000*							135
140	33.3	387.7	36,700*	46.8	411.3	47,900*	55.2	421.8	60,100*							140
145	29.3	379.4	34,700*	43.9	406.2	44,800*	52.6	418.0	55,700*							145
150	24.7	369.3	32,700*	40.9	400.7	42,000*	50.0	413.9	51,800*	62.7	425.6	62,200*				150
155	19.1	356.6	31,000*	37.6	394.4	39,500*	47.2	409.5	48,300*	60.4	422.8	60,400*				155
160	10.9	337.2	29,300*	34.1	387.4	37,200*	44.3	404.5	45,200*	58.0	419.8	58,700*				160
165				30.2	379.2	35,100*	41.3	399.0	42,400*	55.5	416.4	57,100*				165
170				25.7	369.6	33,100*	38.0	392.9	39,800*	53.0	412.8	55,400*				170
175				20.4	357.5	31,300*	34.5	385.9	37,500*	50.3	408.7	52,400*				175
180				13.0	340.3	29,600*	30.7	377.9	35,400*	47.6	404.3	48,800*				180
185							26.3	368.5	33,400*	44.7	399.4	45,700*	58.0	411.8	49,800*	185
190							21.1	356.9	31,600*	41.7	394.0	42,800*	55.6	408.5	48,300*	190
195							14.2	340.6	29,900*	38.5	388.0	40,200*	53.0	404.8	46,900*	195
200										35.1	381.1	37,900*	50.4	400.8	45,600*	200
205										31.3	373.3	35,700*	47.7	396.4	44,200*	205
210										27.0	364.2	33,700*	44.8	391.5	42,900*	210
215										21.9	352.9	31,900*	41.8	386.1	41,600*	215
220										15.4	337.6	30,100*	38.6	380.1	40,300*	220
225													35.1	373.3	37,900*	225
230													31.4	365.5	35,800*	230
235													27.1	356.3	33,800*	235
240													22.1	345.1	31,900*	240
245													15.5	330.0	30,200*	245

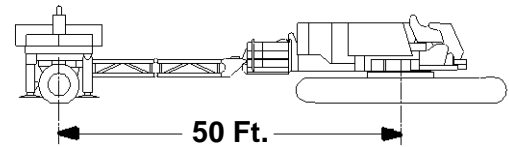


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 150 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.0	455.7	76,600*													65
70	72.0	454.2	75,600*													70
75	69.9	452.4	74,100*													75
80	67.9	450.4	72,400*													80
85	65.8	448.2	70,600*													85
90	63.7	445.8	68,700*													90
95	61.5	443.1	66,800*	70.3	450.8	74,500*										95
100	59.3	440.2	63,800*	68.3	448.9	74,500*										100
105	57.0	437.1	59,000*	66.2	446.7	74,300*										105
110	54.7	433.6	54,700*	64.1	444.4	72,600*										110
115	52.3	429.9	51,000*	61.9	441.8	70,600*										115
120	49.9	425.8	47,600*	59.7	438.9	64,900*	66.5	444.6	70,400*							120
125	47.3	421.3	44,500*	57.5	435.8	59,900*	64.4	442.3	68,600*							125
130	44.6	416.3	41,800*	55.2	432.4	55,600*	62.2	439.7	66,800*							130
135	41.8	410.9	39,300*	52.8	428.7	51,700*	60.0	436.9	65,000*							135
140	38.8	404.9	37,000*	50.4	424.7	48,200*	57.8	433.8	60,600*							140
145	35.6	398.2	34,900*	47.8	420.3	45,100*	55.5	430.5	56,100*							145
150	32.1	390.6	32,900*	45.2	415.4	42,300*	53.1	426.8	52,200*							150
155	28.3	381.9	31,100*	42.4	410.1	39,800*	50.7	422.8	48,700*	62.5	434.3	58,200*				155
160	23.9	371.4	29,500*	39.4	404.3	37,400*	48.1	418.5	45,500*	60.3	431.5	56,600*				160
165	18.4	358.2	27,900*	36.3	397.7	35,300*	45.5	413.7	42,700*	58.1	428.5	55,100*				165
170	10.5	338.1	26,500*	32.9	390.3	33,300*	42.7	408.4	40,100*	55.8	425.1	53,600*				170
175				29.1	381.8	31,500*	39.8	402.6	37,700*	53.5	421.5	52,100*				175
180				24.8	371.8	29,800*	36.7	396.2	35,600*	51.0	417.6	49,200*				180
185				19.7	359.2	28,200*	33.3	388.9	33,600*	48.5	413.3	46,000*				185
190				12.6	341.3	26,800*	29.6	380.6	31,700*	45.9	408.6	43,100*				190
195							25.4	370.8	30,000*	43.1	403.4	40,500*	55.9	417.2	45,300*	195
200							20.4	358.6	28,500*	40.2	397.7	38,100*	53.5	413.6	44,100*	200
205							13.7	341.8	27,000*	37.2	391.3	35,900*	51.1	409.6	42,800*	205
210										33.8	384.2	33,900*	48.6	405.3	41,600*	210
215										30.2	376.0	32,000*	45.9	400.6	40,400*	215
220										26.0	366.5	30,300*	43.2	395.5	39,200*	220
225										21.2	354.8	28,700*	40.3	389.8	38,000*	225
230										14.8	338.9	27,200*	37.2	383.4	35,900*	230
235													33.9	376.3	33,900*	235
240													30.3	368.2	32,100*	240
245													26.1	358.7	30,300*	245
250													21.3	347.0	28,700*	250
255													15.0	331.3	27,200*	255



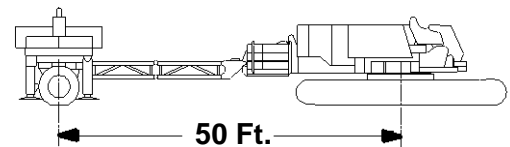


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 160 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
65	75.0	466.1	71,000*													65
70	73.1	464.7	69,900*													70
75	71.2	463.0	68,700*													75
80	69.3	461.2	67,300*													80
85	67.4	459.1	65,900*													85
90	65.4	456.9	64,300*													90
95	63.4	454.5	62,600*													95
100	61.4	451.8	60,900*	69.7	459.6	69,400*										100
105	59.3	448.9	58,500*	67.8	457.6	69,200*										105
110	57.2	445.8	54,200*	65.8	455.4	67,600*										110
115	55.1	442.4	50,400*	63.8	453.0	66,100*										115
120	52.8	438.6	47,000*	61.8	450.4	64,400*	68.0	455.5	67,100*							120
125	50.5	434.6	44,000*	59.8	447.6	59,400*	66.1	453.3	65,500*							125
130	48.2	430.3	41,200*	57.7	444.5	55,000*	64.1	451.0	63,900*							130
135	45.7	425.5	38,700*	55.5	441.1	51,200*	62.1	448.4	62,300*							135
140	43.1	420.3	36,400*	53.3	437.5	47,700*	60.0	445.6	60,000*							140
145	40.4	414.6	34,300*	51.0	433.5	44,600*	57.9	442.5	55,600*							145
150	37.5	408.3	32,400*	48.6	429.2	41,800*	55.8	439.2	51,700*							150
155	34.4	401.3	30,600*	46.2	424.6	39,200*	53.6	435.6	48,100*							155
160	31.1	393.4	28,900*	43.6	419.5	36,900*	51.3	431.7	45,000*	62.4	442.9	54,200*				160
165	27.4	384.3	27,400*	40.9	413.9	34,700*	48.9	427.4	42,100*	60.3	440.2	52,800*				165
170	23.1	373.5	26,000*	38.1	407.7	32,800*	46.5	422.8	39,500*	58.2	437.1	51,500*				170
175	17.8	359.7	24,600*	35.1	400.9	31,000*	44.0	417.7	37,200*	56.1	433.8	50,100*				175
180	10.2	339.0	23,300*	31.8	393.2	29,300*	41.3	412.2	35,000*	53.9	430.3	48,600*				180
185				28.1	384.3	27,700*	38.5	406.1	33,000*	51.6	426.4	45,400*				185
190				24.0	373.9	26,300*	35.5	399.4	31,200*	49.3	422.2	42,500*				190
195				19.0	360.9	24,900*	32.2	391.8	29,500*	46.9	417.7	39,900*				195
200				12.1	342.4	23,600*	28.6	383.1	27,900*	44.3	412.7	37,500*	56.1	425.9	42,200*	200
205							24.6	372.9	26,500*	41.7	407.2	35,300*	53.9	422.3	41,100*	205
210							19.7	360.4	25,100*	38.9	401.2	33,300*	51.7	418.5	40,000*	210
215							13.2	342.9	23,800*	35.9	394.6	31,500*	49.3	414.3	38,900*	215
220										32.7	387.1	29,800*	46.9	409.7	37,800*	220
225										29.2	378.6	28,200*	44.4	404.8	36,700*	225
230										25.2	368.7	26,700*	41.8	399.3	35,400*	230
235										20.5	356.5	25,300*	39.0	393.3	33,400*	235
240										14.3	340.1	24,000*	36.0	386.7	31,500*	240
245													32.8	379.3	29,800*	245
250													29.3	370.8	28,200*	250
255													25.3	360.9	26,700*	255
260													20.6	348.8	25,300*	260
265													14.5	332.6	24,000*	265

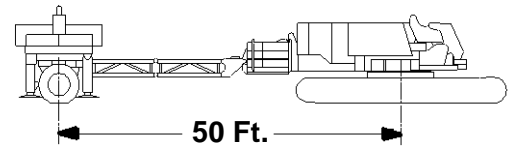


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 170 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.1	475.1	64,800*													70
75	72.4	473.6	63,800*													75
80	70.6	471.8	62,700*													80
85	68.8	470.0	61,500*													85
90	67.0	467.9	60,200*													90
95	65.1	465.6	58,800*													95
100	63.2	463.1	57,300*	71.0	470.3	64,700*										100
105	61.3	460.5	55,900*	69.2	468.4	64,700*										105
110	59.4	457.6	53,900*	67.3	466.4	63,500*										110
115	57.4	454.4	50,100*	65.5	464.2	62,100*										115
120	55.4	451.1	46,700*	63.6	461.7	60,600*										120
125	53.3	447.4	43,700*	61.7	459.1	58,700*	67.6	464.2	62,700*							125
130	51.1	443.5	40,900*	59.8	456.2	54,700*	65.7	462.0	61,300*							130
135	48.9	439.2	38,400*	57.8	453.2	50,800*	63.9	459.6	59,900*							135
140	46.6	434.6	36,100*	55.8	449.8	47,400*	62.0	457.0	58,500*							140
145	44.2	429.6	34,000*	53.7	446.2	44,300*	60.0	454.2	55,300*							145
150	41.7	424.2	32,100*	51.6	442.4	41,400*	58.1	451.2	51,300*							150
155	39.1	418.2	30,300*	49.4	438.2	38,900*	56.0	447.9	47,800*							155
160	36.3	411.6	28,600*	47.1	433.6	36,600*	54.0	444.3	44,700*							160
165	33.4	404.3	27,100*	44.7	428.7	34,400*	51.8	440.5	41,800*	62.2	451.6	50,900*				165
170	30.1	396.1	25,600*	42.3	423.4	32,400*	49.6	436.3	39,200*	60.3	448.8	49,600*				170
175	26.5	386.7	24,300*	39.7	417.5	30,600*	47.4	431.8	36,900*	58.3	445.8	48,400*				175
180	22.4	375.4	23,000*	36.9	411.1	29,000*	45.0	427.0	34,700*	56.3	442.5	47,200*				180
185	17.3	361.2	21,900*	34.0	403.9	27,400*	42.6	421.7	32,700*	54.3	439.0	45,100*				185
190	9.9	339.8	20,700*	30.8	395.9	25,900*	40.0	415.9	30,900*	52.1	435.2	42,200*				190
195				27.3	386.8	24,600*	37.3	409.5	29,200*	50.0	431.1	39,600*				195
200				23.3	375.9	23,300*	34.4	402.5	27,600*	47.7	426.7	37,200*				200
205				18.4	362.5	22,100*	31.2	394.6	26,100*	45.4	421.9	35,000*	56.4	434.6	39,700*	205
210				11.8	343.4	21,000*	27.7	385.6	24,800*	42.9	416.6	33,000*	54.3	431.1	38,700*	210
215							23.8	375.0	23,500*	40.4	410.9	31,100*	52.2	427.3	37,700*	215
220							19.1	362.0	22,300*	37.7	404.7	29,400*	50.0	423.2	36,700*	220
225							12.8	344.0	21,100*	34.8	397.7	27,800*	47.8	418.7	35,700*	225
230										31.7	390.0	26,400*	45.4	413.9	34,600*	230
235										28.3	381.1	25,000*	43.0	408.7	33,100*	235
240										24.4	370.9	23,700*	40.4	403.0	31,200*	240
245										19.8	358.3	22,500*	37.7	396.8	29,500*	245
250										13.9	341.3	21,300*	34.9	389.9	27,900*	250
255													31.8	382.1	26,400*	255
260													28.3	373.3	25,000*	260
265													24.5	363.1	23,700*	265
270													20.0	350.6	22,500*	270
275													14.1	333.8	21,300*	275

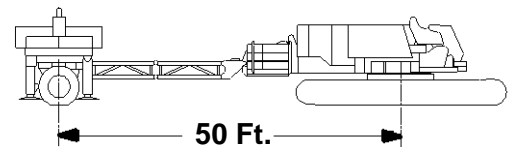


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 180 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
75	73.4	484.1	58,800*													75
80	71.7	482.4	57,900*													80
85	70.0	480.7	56,900*													85
90	68.3	478.7	55,800*													90
95	66.6	476.6	54,700*													95
100	64.8	474.3	53,500*													100
105	63.1	471.8	51,800*	70.4	479.1	58,800*										105
110	61.3	469.1	49,900*	68.7	477.2	58,000*										110
115	59.4	466.2	48,000*	66.9	475.1	56,500*										115
120	57.5	463.1	46,100*	65.2	472.9	54,600*										120
125	55.6	459.8	43,700*	63.4	470.4	52,700*										125
130	53.7	456.2	40,900*	61.6	467.8	50,800*	67.2	473.0	56,500*							130
135	51.6	452.3	38,300*	59.8	464.9	48,900*	65.4	470.7	54,700*							135
140	49.6	448.1	36,000*	57.9	461.8	47,000*	63.6	468.3	52,900*							140
145	47.4	443.6	33,800*	56.0	458.5	44,400*	61.9	465.7	51,100*							145
150	45.2	438.8	31,900*	54.1	455.0	41,500*	60.0	462.9	49,300*							150
155	42.9	433.6	30,100*	52.1	451.2	38,900*	58.2	459.8	47,400*							155
160	40.5	427.9	28,400*	50.0	447.1	36,500*	56.3	456.6	44,800*							160
165	38.0	421.7	26,800*	47.9	442.6	34,300*	54.3	453.0	41,800*							165
170	35.3	414.8	25,300*	45.7	437.9	32,300*	52.3	449.3	39,200*	62.1	460.3	46,700*				170
175	32.4	407.2	24,000*	43.4	432.7	30,400*	50.3	445.2	36,800*	60.3	457.5	45,600*				175
180	29.2	398.7	22,700*	41.0	427.1	28,700*	48.1	440.8	34,600*	58.4	454.5	44,600*				180
185	25.7	388.9	21,500*	38.5	421.0	27,100*	46.0	436.1	32,500*	56.5	451.2	43,500*				185
190	21.7	377.3	20,400*	35.8	414.3	25,700*	43.7	431.0	30,700*	54.6	447.7	42,300*				190
195	16.8	362.7	19,300*	33.0	406.9	24,300*	41.3	425.5	28,900*	52.6	444.0	39,600*				195
200	9.6	340.6	18,300*	29.9	398.6	23,000*	38.8	419.4	27,300*	50.6	440.0	37,100*				200
205				26.5	389.1	21,800*	36.2	412.8	25,800*	48.5	435.6	34,900*				205
210				22.6	377.9	20,600*	33.4	405.5	24,500*	46.3	431.0	32,800*	56.6	443.3	36,400*	210
215				17.9	364.1	19,600*	30.3	397.3	23,200*	44.0	425.9	31,000*	54.6	439.8	35,500*	215
220				11.4	344.4	18,500*	26.9	388.0	21,900*	41.7	420.5	29,200*	52.7	436.0	34,600*	220
225							23.1	377.1	20,800*	39.2	414.5	27,600*	50.6	432.0	33,700*	225
230							18.6	363.6	19,700*	36.6	408.0	26,100*	48.5	427.7	32,800*	230
235							12.4	345.1	18,700*	33.8	400.8	24,700*	46.3	423.0	31,900*	235
240										30.8	392.7	23,400*	44.1	418.0	31,000*	240
245										27.4	383.6	22,100*	41.7	412.5	29,300*	245
250										23.7	372.9	21,000*	39.2	406.6	27,600*	250
255										19.3	360.0	19,900*	36.6	400.1	26,100*	255
260										13.5	342.5	18,800*	33.8	392.9	24,700*	260
265													30.8	384.9	23,400*	265
270													27.5	375.8	22,200*	270
275													23.8	365.2	21,000*	275
280													19.4	352.3	19,900*	280
285													13.6	334.9	18,900*	285

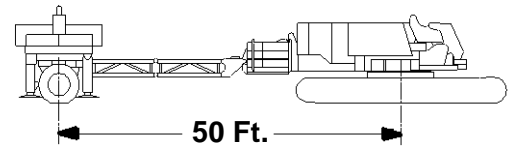


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 190 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.3	494.5	54,200*													75
80	72.7	493.0	53,600*													80
85	71.1	491.3	52,800*													85
90	69.5	489.5	51,900*													90
95	67.9	487.5	51,000*													95
100	66.3	485.3	49,900*													100
105	64.6	483.0	48,400*													105
110	62.9	480.5	46,500*	69.8	487.9	52,800*										110
115	61.2	477.8	44,600*	68.2	486.0	52,600*										115
120	59.4	474.9	42,700*	66.6	483.8	50,800*										120
125	57.7	471.8	40,900*	64.9	481.5	49,100*										125
130	55.9	468.5	39,100*	63.2	479.1	47,300*										130
135	54.0	464.9	37,300*	61.5	476.4	45,400*	66.8	481.7	50,800*							135
140	52.1	461.1	35,500*	59.8	473.6	43,500*	65.1	479.4	49,100*							140
145	50.2	457.0	33,300*	58.0	470.5	41,700*	63.5	477.0	47,500*							145
150	48.2	452.6	31,400*	56.2	467.2	39,900*	61.8	474.4	45,600*							150
155	46.1	447.9	29,500*	54.4	463.7	38,100*	60.0	471.5	43,900*							155
160	43.9	442.9	27,800*	52.5	460.0	35,900*	58.3	468.5	42,100*							160
165	41.7	437.4	26,300*	50.6	455.9	33,800*	56.5	465.2	40,300*							165
170	39.4	431.5	24,800*	48.6	451.6	31,800*	54.6	461.8	38,500*							170
175	36.9	425.0	23,500*	46.5	447.0	29,900*	52.7	458.0	36,300*	62.0	468.9	43,800*				175
180	34.3	417.9	22,200*	44.4	442.0	28,200*	50.8	454.0	34,000*	60.3	466.1	42,800*				180
185	31.5	410.1	21,000*	42.2	436.6	26,600*	48.8	449.8	32,000*	58.5	463.1	41,800*				185
190	28.4	401.3	19,900*	39.8	430.8	25,100*	46.8	445.2	30,100*	56.7	459.9	40,400*				190
195	25.0	391.2	18,800*	37.4	424.4	23,800*	44.7	440.2	28,400*	54.9	456.5	38,800*				195
200	21.1	379.2	17,800*	34.8	417.5	22,500*	42.5	434.9	26,800*	53.0	452.8	36,600*				200
205	16.3	364.1	16,900*	32.1	409.8	21,300*	40.2	429.1	25,300*	51.1	448.8	34,400*				205
210	9.3	341.4	16,000*	29.1	401.2	20,100*	37.7	422.9	23,900*	49.1	444.6	32,300*				210
215				25.7	391.4	19,100*	35.2	416.0	22,600*	47.1	440.0	30,400*	56.8	451.9	34,200*	215
220				22.0	379.9	18,000*	32.4	408.4	21,400*	45.0	435.1	28,700*	54.9	448.5	33,400*	220
225				17.4	365.6	17,100*	29.5	399.9	20,300*	42.8	429.9	27,100*	53.1	444.8	32,500*	225
230				11.1	345.3	16,200*	26.2	390.3	19,200*	40.5	424.2	25,600*	51.1	440.9	31,700*	230
235							22.5	379.1	18,200*	38.1	418.0	24,200*	49.2	436.6	30,800*	235
240							18.0	365.2	17,200*	35.5	411.2	22,800*	47.1	432.1	30,000*	240
245							12.1	346.1	16,300*	32.8	403.7	21,600*	45.0	427.2	28,700*	245
250										29.9	395.4	20,500*	42.8	421.9	27,100*	250
255										26.7	386.0	19,400*	40.5	416.3	25,600*	255
260										23.0	375.0	18,300*	38.1	410.1	24,200*	260
265										18.7	361.6	17,400*	35.6	403.3	22,900*	265
270										13.1	343.6	16,400*	32.9	395.9	21,700*	270
275													30.0	387.6	20,500*	275
280													26.8	378.1	19,400*	280
285													23.1	367.2	18,400*	285
290													18.9	353.9	17,400*	290
295													13.3	336.1	16,500*	295

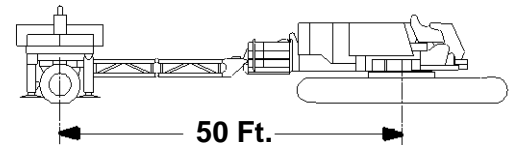


# Liftcrane Luffing Jib Capacities

# MAX-ER 2000 On 2250

Luffing Jib No. 133 or 133A On  
Boom No. 79-44 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



## 300 Ft. Boom, 200 Ft. Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	73.6	503.4	48,500*													80
85	72.1	501.9	48,100*													85
90	70.6	500.1	47,800*													90
95	69.1	498.3	47,100*													95
100	67.5	496.2	46,200*													100
105	65.9	494.0	44,400*													105
110	64.4	491.7	42,600*	70.9	498.6	47,500*										110
115	62.8	489.2	40,800*	69.4	496.7	47,300*										115
120	61.1	486.5	38,900*	67.8	494.7	46,700*										120
125	59.5	483.6	37,100*	66.3	492.6	45,000*										125
130	57.8	480.5	35,300*	64.7	490.2	43,300*										130
135	56.1	477.2	33,600*	63.1	487.8	41,500*	68.0	492.6	46,400*							135
140	54.3	473.6	31,900*	61.5	485.1	39,600*	66.5	490.4	45,000*							140
145	52.5	469.9	30,200*	59.8	482.2	37,800*	64.9	488.1	43,400*							145
150	50.7	465.9	28,600*	58.1	479.2	36,000*	63.3	485.7	41,700*							150
155	48.8	461.6	27,100*	56.4	475.9	34,300*	61.7	483.0	39,900*							155
160	46.9	457.0	25,600*	54.7	472.4	32,600*	60.0	480.2	38,100*							160
165	44.8	452.1	24,200*	52.9	468.7	30,900*	58.3	477.2	36,400*							165
170	42.8	446.8	22,800*	51.1	464.8	29,300*	56.6	473.9	34,600*							170
175	40.6	441.1	21,500*	49.2	460.5	27,700*	54.9	470.5	32,900*							175
180	38.3	434.9	20,200*	47.3	456.0	26,200*	53.1	466.8	31,300*	61.9	477.6	39,700*				180
185	35.9	428.3	19,000*	45.3	451.2	24,700*	51.3	462.9	29,700*	60.3	474.8	38,100*				185
190	33.4	420.9	17,800*	43.2	446.0	23,300*	49.4	458.7	28,100*	58.6	471.8	36,400*				190
195	30.7	412.8	16,700*	41.0	440.4	22,000*	47.5	454.2	26,600*	56.9	468.6	34,800*				195
200	27.7	403.7	15,600*	38.8	434.3	20,700*	45.5	449.4	25,100*	55.2	465.2	33,200*				200
205	24.4	393.3	14,600*	36.4	427.7	19,400*	43.5	444.2	23,700*	53.4	461.5	31,600*				205
210	20.6	381.0	13,600*	33.9	420.5	18,200*	41.3	438.7	22,300*	51.6	457.6	30,000*				210
215	15.9	365.5	12,700*	31.2	412.6	17,100*	39.1	432.7	21,000*	49.7	453.5	28,500*				215
220	9.1	342.2	11,900*	28.3	403.7	16,000*	36.7	426.2	19,800*	47.8	449.0	26,900*	56.9	460.6	31,700*	220
225				25.1	393.6	15,000*	34.2	419.1	18,500*	45.8	444.3	25,500*	55.2	457.2	30,900*	225
230				21.4	381.7	14,000*	31.6	411.2	17,400*	43.8	439.2	24,100*	53.4	453.6	30,200*	230
235				16.9	367.1	13,100*	28.7	402.5	16,300*	41.6	433.7	22,700*	51.6	449.7	29,400*	235
240				10.8	346.2	12,200*	25.5	392.6	15,200*	39.4	427.8	21,400*	49.7	445.5	28,400*	240
245							21.9	381.0	14,200*	37.1	421.3	20,100*	47.8	441.1	27,000*	245
250							17.6	366.8	13,300*	34.6	414.3	18,900*	45.9	436.3	25,600*	250
255							11.8	347.1	12,500*	32.0	406.6	17,700*	43.8	431.3	24,200*	255
260										29.1	398.0	16,600*	41.7	425.8	22,800*	260
265										26.0	388.3	15,600*	39.5	419.9	21,500*	265
270										22.4	377.0	14,600*	37.1	413.4	20,300*	270
275										18.3	363.2	13,600*	34.7	406.4	19,100*	275
280										12.8	344.7	12,800*	32.0	398.7	17,900*	280
285													29.2	390.2	16,800*	285
290													26.1	380.5	15,800*	290
295													22.5	369.2	14,700*	295
300													18.4	355.5	13,800*	300
305													12.9	337.2	12,900*	305