

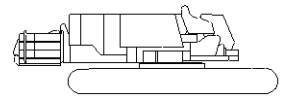


# Liftcrane Jib Capacities

Jib No. 132 With 20 Ft. Strut On  
Boom No. 79-44 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
0 Lb. Wheeled Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



**LIFTING CAPACITIES:** Chart supplements boom capacity chart series No. 8252. Lifting capacities for various boom lengths, jib lengths and jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*). Capacities indicated by (b) require 4,425 Lb. minimum block weight with 4 part hoist line reeving on 40 Ft. jib and 3 part on 60 Ft. jib.

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.

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

**OPERATING CONDITIONS:** Machine to operate on a firm uniformly supporting surface with gantry in intermediate position and mast up. Refer to boom rigging No. 195224, jib assembly No. 192352, Wire Rope Specification chart No. 8262-A and Counterweight Arrangement chart No. 8412-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 within boom angle

range shown in capacity chart. Travel may be limited depending upon ground conditions. Refer to Maximum Allowable Travel Specification chart No. 8263-A when operating without load.

**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, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

**MACHINE EQUIPMENT:** Machine equipped with MAX-ER 2000, 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 130 Ft. mast, 10 part boom hoist reeving, boom support straps, 169,200 Lb. crane counterweight, two 30,000 Lb. carbody counterweights and without wheeled counterweight.

Maximum capacity on 1 in. wire rope is 27,700 Lbs. per line.

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

**Boom Catwalks Deduct**  
Deduct 800 Lbs. from capacities when boom catwalks are attached.

Maximum Boom and Jib Lengths Lifted Unassisted With 0 Lb. Wheeled Counterweight			
Over End of Blocked Crawlers		Over Side or End of Unblocked Crawlers	
Boom Length	Jib Length	Boom Length	Jib Length
220 Ft.	—	220 Ft.	—
200 Ft.	100 Ft.	200 Ft.	40 Ft.
Load block, hook and weight ball on ground at start.			

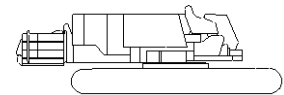


# Liftcrane Jib Capacities

Jib No. 132 With 20 Ft. Strut On  
Boom No. 79-44 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
0 Lb. Wheeled Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



**200 Ft. Boom  
40 Ft. Jib, 5 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
50	80.2	248.2	100,000 *b
55	79.0	247.2	98,200 *b
60	77.8	246.1	94,800 *b
65	76.6	244.9	91,600 *b
70	75.3	243.5	88,600 *b
75	74.1	242.1	85,800 *b
80	72.9	240.5	83,300 *b
85	71.6	238.8	80,900 *b
90	70.4	237.0	76,400 b
95	69.1	235.1	69,900 b
100	67.8	233.0	64,100 b
105	66.5	230.8	59,000 b
110	65.2	228.5	54,400 b
115	63.9	226.0	50,200 b
120	62.6	223.4	46,400
125	61.2	220.6	42,900
130	59.8	217.7	39,700
135	58.5	214.6	36,800
140	57.0	211.4	34,100
145	55.6	207.9	31,600
150	54.1	204.3	29,300
160	51.1	196.4	25,100
170	48.0	187.6	21,400
180	44.7	177.8	18,100
190	41.1	166.7	15,200
200	37.3	154.0	12,600
210	33.1	139.4	10,300
220	28.4	122.0	8,100
230	22.7	100.2	6,100

**200 Ft. Boom  
40 Ft. Jib, 15 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
55	80.9	246.1	75,700 *b
60	79.7	245.0	73,900 *b
65	78.4	243.8	72,100 *b
70	77.2	242.4	70,500 *b
75	76.0	241.0	68,900 *b
80	74.7	239.4	67,500 *b
85	73.5	237.7	66,100 *
90	72.2	235.9	64,800 *
95	70.9	233.9	63,600 *
100	69.6	231.9	62,400 *
105	68.3	229.7	61,300 *
110	67.0	227.3	56,500
115	65.7	224.8	52,200
120	64.4	222.2	48,300
125	63.0	219.4	44,700
130	61.6	216.5	41,400
135	60.2	213.4	38,400
140	58.8	210.1	35,600
145	57.4	206.6	33,000
150	55.9	203.0	30,600
160	52.9	195.0	26,300
170	49.7	186.2	22,400
180	46.3	176.2	19,100
190	42.8	165.0	16,000
200	38.9	152.2	13,300
210	34.7	137.4	10,800

**200 Ft. Boom  
40 Ft. Jib, 30 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
65	80.4	240.8	50,700 *
70	79.1	239.5	49,200 *
75	77.9	238.0	47,900 *
80	76.6	236.4	46,700 *
85	75.3	234.7	45,500 *
90	74.1	232.8	44,400 *
95	72.8	230.9	43,300 *
100	71.5	228.8	42,400 *
105	70.1	226.5	41,400 *
110	68.8	224.1	40,600 *
115	67.5	221.6	39,700 *
120	66.1	218.9	38,900 *
125	64.7	216.1	38,200 *
130	63.3	213.1	37,500 *
135	61.9	210.0	36,800 *
140	60.4	206.6	36,200 *
145	59.0	203.1	34,300
150	57.5	199.4	31,800
160	54.4	191.3	27,300
170	51.1	182.2	23,300
180	47.7	172.0	19,800
190	44.0	160.5	16,700

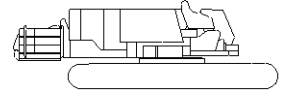


# Liftcrane Jib Capacities

Jib No. 132 With 20 Ft. Strut On  
Boom No. 79-44 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
0 Lb. Wheeled Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



**200 Ft. Boom  
60 Ft. Jib, 5 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
55	80.7	267.4	76,300 *b
60	79.6	266.4	75,200 *b
65	78.5	265.3	74,100 *b
70	77.4	264.0	73,100 *
75	76.2	262.7	72,100 *
80	75.1	261.3	71,100 *
85	73.9	259.7	70,200 *
90	72.8	258.1	69,300 *
95	71.6	256.3	68,400 *
100	70.5	254.4	67,000
105	69.3	252.4	61,800
110	68.1	250.3	57,100
115	66.9	248.1	52,800
120	65.7	245.7	49,000
125	64.5	243.2	45,500
130	63.2	240.5	42,200
135	62.0	237.8	39,300
140	60.7	234.8	36,500
145	59.4	231.7	34,000
150	58.1	228.5	31,600
160	55.5	221.5	27,400
170	52.7	213.8	23,700
180	49.8	205.3	20,400
190	46.8	195.9	17,400
200	43.6	185.4	14,800
210	40.3	173.5	12,400
220	36.6	160.2	10,200
230	32.6	144.7	8,200
240	28.0	126.4	6,400
250	22.5	103.5	4,700

**200 Ft. Boom  
60 Ft. Jib, 15 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
70	79.9	262.1	62,300 *
75	78.8	260.7	60,000 *
80	77.6	259.3	57,800 *
85	76.5	257.7	55,800 *
90	75.3	256.0	53,900 *
95	74.2	254.3	52,100 *
100	73.0	252.4	50,400 *
105	71.8	250.3	48,900 *
110	70.6	248.2	47,400 *
115	69.4	245.9	46,100 *
120	68.2	243.5	44,800 *
125	66.9	241.0	43,600 *
130	65.7	238.3	42,400 *
135	64.4	235.5	41,400 *
140	63.1	232.6	38,700
145	61.8	229.5	36,000
150	60.5	226.2	33,600
160	57.8	219.1	29,100
170	55.0	211.4	25,200
180	52.1	202.7	21,800
190	49.1	193.1	18,700
200	45.8	182.5	15,900
210	42.4	170.4	13,300
220	38.7	156.8	11,000
230	34.5	140.9	8,900

**200 Ft. Boom  
60 Ft. Jib, 30 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
80	80.3	254.6	33,800 *
85	79.1	253.0	33,000 *
90	77.9	251.3	32,200 *
95	76.7	249.5	31,400 *
100	75.5	247.6	30,700 *
105	74.3	245.5	30,000 *
110	73.1	243.3	29,400 *
115	71.8	241.0	28,800 *
120	70.6	238.6	28,200 *
125	69.3	236.0	27,700 *
130	68.0	233.2	27,100 *
135	66.8	230.4	26,600 *
140	65.4	227.3	26,200 *
145	64.1	224.2	25,700 *
150	62.8	220.8	25,300 *
160	60.0	213.6	24,500 *
170	57.1	205.5	23,800 *
180	54.1	196.7	23,000
190	51.0	186.7	19,700
200	47.6	175.6	16,800

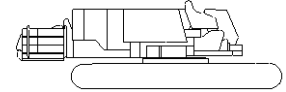


# Liftcrane Jib Capacities

Jib No. 132 With 20 Ft. Strut On  
Boom No. 79-44 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
0 Lb. Wheeled Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



**200 Ft. Boom  
80 Ft. Jib, 5 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
60	80.8	286.7	55,400 *
65	79.8	285.7	55,400 *
70	78.7	284.6	55,400 *
75	77.7	283.3	54,600 *
80	76.6	282.0	53,700 *
85	75.6	280.6	52,900 *
90	74.5	279.1	52,100 *
95	73.4	277.4	51,300 *
100	72.4	275.7	50,600 *
105	71.3	273.9	49,800 *
110	70.2	271.9	49,100 *
115	69.1	269.8	48,400 *
120	68.0	267.7	47,800 *
125	66.9	265.4	47,100 *
130	65.7	263.0	44,000
135	64.6	260.4	41,100
140	63.5	257.8	38,300
145	62.3	255.0	35,800
150	61.1	252.1	33,400
160	58.7	245.8	29,100
170	56.2	238.9	25,400
180	53.7	231.4	22,100
190	51.1	223.1	19,100
200	48.3	214.0	16,500
210	45.4	203.9	14,100
220	42.4	192.8	11,900
230	39.1	180.3	9,900
240	35.6	166.2	8,100
250	31.8	150.0	6,400
260	27.4	130.8	4,800

**200 Ft. Boom  
80 Ft. Jib, 15 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
75	80.9	280.8	48,500 *
80	79.8	279.5	47,900 *
85	78.8	278.0	47,400 *
90	77.7	276.5	45,800 *
95	76.6	274.9	44,300 *
100	75.5	273.1	42,800 *
105	74.4	271.2	41,500 *
110	73.3	269.3	40,200 *
115	72.2	267.2	39,000 *
120	71.1	265.0	37,900 *
125	70.0	262.7	36,800 *
130	68.8	260.3	35,800 *
135	67.7	257.7	34,900 *
140	66.5	255.0	34,000 *
145	65.4	252.2	33,100 *
150	64.2	249.2	32,300 *
160	61.7	242.9	30,800 *
170	59.2	235.9	27,500
180	56.7	228.2	23,900
190	54.0	219.8	20,800
200	51.2	210.6	18,000
210	48.2	200.3	15,400
220	45.1	189.0	13,100
230	41.8	176.2	11,000
240	38.2	161.7	9,000
250	34.2	145.0	7,100

**200 Ft. Boom  
80 Ft. Jib, 30 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
95	80.1	269.3	24,900 *
100	79.0	267.6	24,300 *
105	77.9	265.7	23,700 *
110	76.8	263.7	23,200 *
115	75.7	261.6	22,700 *
120	74.5	259.4	22,200 *
125	73.4	257.1	21,800 *
130	72.2	254.6	21,300 *
135	71.0	252.0	20,900 *
140	69.8	249.3	20,500 *
145	68.6	246.4	20,100 *
150	67.4	243.4	19,800 *
160	64.9	236.9	19,100 *
170	62.3	229.8	18,400 *
180	59.7	222.0	17,900 *
190	56.9	213.4	17,400 *
200	54.0	203.9	16,900 *
210	51.0	193.3	16,500 *
220	47.8	181.6	14,100

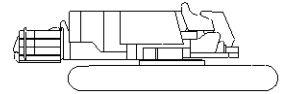


# Liftcrane Jib Capacities

Jib No. 132 With 20 Ft. Strut On  
Boom No. 79-44 with 130 Ft. Mast No. 44  
169,200 Lb. Crane Counterweight  
60,000 Lb. Carbody Counterweight  
0 Lb. Wheeled Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

## MAX-ER 2000 On 2250



**200 Ft. Boom  
100 Ft. Jib, 5 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
65	80.6	306.2	45,800 *
70	79.6	305.1	45,000 *
75	78.7	304.0	44,200 *
80	77.7	302.7	43,400 *
85	76.7	301.4	42,700 *
90	75.7	300.0	42,000 *
95	74.7	298.5	41,300 *
100	73.7	296.9	40,600 *
105	72.7	295.2	39,900 *
110	71.7	293.4	39,200 *
115	70.7	291.5	38,600 *
120	69.7	289.5	37,900 *
125	68.7	287.4	37,200 *
130	67.6	285.2	36,500 *
135	66.6	282.8	35,800 *
140	65.5	280.4	35,200 *
145	64.5	277.8	34,500 *
150	63.4	275.2	33,900 *
160	61.2	269.4	30,300
170	59.0	263.2	26,600
180	56.7	256.4	23,300
190	54.3	249.0	20,300
200	51.9	240.9	17,700
210	49.3	232.1	15,300
220	46.7	222.4	13,200
230	43.9	211.8	11,200
240	41.0	200.0	9,400
250	37.9	186.9	7,700
260	34.5	172.2	6,200
270	30.8	155.3	4,700

**200 Ft. Boom  
100 Ft. Jib, 15 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
85	80.5	298.7	37,300 *
90	79.5	297.3	36,700 *
95	78.5	295.7	36,000 *
100	77.5	294.1	35,400 *
105	76.4	292.4	34,800 *
110	75.4	290.6	34,200 *
115	74.4	288.7	33,600 *
120	73.4	286.6	33,100 *
125	72.3	284.5	32,500 *
130	71.3	282.3	32,000 *
135	70.2	279.9	31,400 *
140	69.2	277.5	30,500 *
145	68.1	274.9	29,700 *
150	67.0	272.2	28,900 *
160	64.8	266.4	27,300 *
170	62.5	260.1	26,000 *
180	60.2	253.2	24,700 *
190	57.8	245.7	22,500
200	55.3	237.5	19,700
210	52.7	228.5	17,100
220	50.1	218.7	14,800
230	47.2	207.8	12,700
240	44.3	195.8	10,700
250	41.1	182.4	8,900
260	37.6	167.3	7,200
270	33.7	149.7	5,500

**200 Ft. Boom  
100 Ft. Jib, 30 Degree Offset**

Jib Oper. Rad. Feet	Boom Ang. Deg.	Jib Point Elev. Feet	0 Lb. Wheeled Counterweight Jib Capacity Pounds
105	80.6	286.1	20,800 *
110	79.5	284.3	20,300 *
115	78.5	282.4	19,800 *
120	77.4	280.3	19,400 *
125	76.3	278.1	18,900 *
130	75.3	275.9	18,500 *
135	74.2	273.5	18,100 *
140	73.1	271.0	17,700 *
145	72.0	268.4	17,300 *
150	70.9	265.6	17,000 *
160	68.6	259.7	16,300 *
170	66.3	253.3	15,700 *
180	63.9	246.2	15,100 *
190	61.4	238.5	14,600 *
200	58.9	230.1	14,100 *
210	56.2	220.9	13,700 *
220	53.4	210.8	13,300 *
230	50.5	199.5	13,000 *
240	47.4	187.0	11,800