

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

**Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating**

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

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, luffing jib angles, fixed jib lengths, and fixed 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 3,000 lb. minimum block weight. Capacities indicated by (c) provide less than required jib backward stability with 3,000 lb. minimum block weight and minimal jib movement may be observed.

200 Ft. boom length requires only the middle 3 sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom, luffing jib point and fixed jib point sheaves, is considered part of fixed jib load. Boom, luffing jib and fixed 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 up. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to fixed jib assembly **No. 192320** or **No. 193022**, luffing jib assembly **No. 174308** or **No. 192086**, Wire Rope Specification chart **No. 7638-B**, Counterweight Arrangement chart **No. 7692-A** and Luffing Jib Raising Procedure chart **No. 7604-B**. 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. 7678-B**.

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.

FIXED JIB POINT ELEVATION: Fixed jib point elevation is vertical distance from ground level to centerline of fixed jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 12 part boom hoist reeving, four 1-1/2 in. boom pendants or boom support straps, 10 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants and backstays, 207,000 Lb. crane counterweight and two 30,000 Lb. carbody counterweights.

Maximum capacity on 1-1/8 in. wire rope is 30,000 Lbs. per line.



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207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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180 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.0	384.4	47,200 *c							70
75	73.5	382.9	45,900 *c							75
80	72.0	381.3	44,600 *c							80
85	70.5	379.5	43,100 *c							85
90	69.0	377.5	41,700 *b							90
95	67.4	375.4	40,200 *b							95
100	65.9	373.2	38,600 *b	70.7	378.4	50,500 *c				100
105	64.3	370.7	37,100 *b	69.2	376.5	49,800 *b				105
110	62.7	368.1	35,500 *b	67.7	374.4	48,900 *b				110
115	61.1	365.3	34,000 *b	66.1	372.2	47,900 *b				115
120	59.4	362.4	32,400 *b	64.6	369.8	46,800 *b				120
125	57.8	359.2	31,000 *b	63.0	367.2	45,500 *b				125
130	56.0	355.8	29,500 *b	61.4	364.5	44,200 *b				130
135	54.3	352.2	28,100 *	59.7	361.5	42,600 *b				135
140	52.5	348.4	26,800 *	58.0	358.4	39,600 *b				140
145	50.7	344.2	25,500 *	56.3	355.0	37,000 *b				145
150	48.8	339.9	24,200 *	54.6	351.5	34,500 *	62.9	362.1	33,200 b	150
155	46.8	335.2	23,000 *	52.8	347.7	32,300 *	61.3	359.4	31,600 b	155
160	44.8	330.1	21,900 *	51.0	343.6	30,300 *	59.7	356.4	30,100 b	160
165	42.7	324.7	20,800 *	49.1	339.3	28,400 *	58.0	353.3	28,700 b	165
170	40.6	318.9	19,800 *	47.2	334.6	26,700 *	56.3	349.9	27,400 b	170
175	38.3	312.6	18,800 *	45.2	329.6	25,100 *	54.6	346.4	26,200	175
180	35.9	305.8	17,900 *	43.1	324.3	23,600 *	52.8	342.6	25,000	180
185	33.3	298.3	17,000 *	40.9	318.6	22,200 *	51.0	338.5	23,900	185
190	30.6	289.9	16,200 *	38.7	312.4	20,900 *	49.1	334.2	22,900	190
195	27.6	280.5	15,500 *	36.3	305.6	19,600 *	47.1	329.5	21,900	195
200	24.2	269.8	14,700 *	33.8	298.2	18,500 *	45.1	324.5	20,900	200
205	20.3	256.9	14,100 *	31.1	290.0	17,400 *	43.1	319.2	20,100	205
210	15.4	240.4	12,600 *	28.1	280.8	16,400 *	40.9	313.4	19,200	210
215	7.6	213.5	10,100 *	24.8	270.3	15,400 *	38.7	307.2	18,400	215
220				21.0	257.9	14,500 *	36.3	300.5	17,600	220
230				9.5	218.5	11,700 *	31.0	284.9	16,200	230
240							24.7	265.1	14,900	240
250							16.2	236.9	13,600	250

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Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.7	394.8	44,000 * c							70
75	74.3	393.4	42,800 * c							75
80	72.9	391.8	41,700 * c							80
85	71.4	390.1	40,500 * c							85
90	70.0	388.3	39,300 * c							90
95	68.6	386.3	38,000 * b							95
100	67.1	384.1	36,600 * b							100
105	65.6	381.9	35,300 * b	70.3	387.2	46,200 * c				105
110	64.1	379.4	33,900 * b	68.8	385.3	45,500 * b				110
115	62.6	376.8	32,500 * b	67.3	383.1	44,700 * b				115
120	61.0	374.0	31,200 * b	65.9	380.9	43,900 * b				120
125	59.5	371.0	29,800 * b	64.4	378.5	42,900 * b				125
130	57.9	367.9	28,500 * b	62.8	375.9	41,800 * b				130
135	56.2	364.5	27,200 * b	61.3	373.1	40,600 * b				135
140	54.6	360.9	26,000 *	59.7	370.2	39,200 * b				140
145	52.9	357.1	24,800 *	58.1	367.1	36,500 * b				145
150	51.1	353.1	23,600 *	56.5	363.7	34,100 * b				150
155	49.4	348.8	22,500 *	54.9	360.2	31,800 *	62.8	370.8	31,300 b	155
160	47.5	344.2	21,400 *	53.2	356.4	29,800 *	61.3	368.0	29,800 b	160
165	45.6	339.3	20,400 *	51.4	352.4	27,900 *	59.7	365.1	28,400 b	165
170	43.7	334.1	19,400 *	49.7	348.2	26,200 *	58.1	362.0	27,000 b	170
175	41.7	328.5	18,500 *	47.8	343.7	24,600 *	56.5	358.6	25,800 b	175
180	39.5	322.5	17,600 *	46.0	338.8	23,100 *	54.8	355.1	24,600	180
185	37.3	316.0	16,800 *	44.0	333.6	21,700 *	53.1	351.3	23,500	185
190	35.0	308.9	16,000 *	42.0	328.1	20,400 *	51.4	347.3	22,500	190
195	32.5	301.1	15,200 *	39.9	322.2	19,200 *	49.6	343.1	21,500	195
200	29.8	292.5	14,500 *	37.7	315.7	18,000 *	47.8	338.5	20,600	200
205	26.9	282.9	13,800 *	35.4	308.7	17,000 *	45.9	333.7	19,700	205
210	23.6	271.8	13,000 *	32.9	301.1	15,900 *	44.0	328.5	18,900	210
215	19.8	258.6	12,200 *	30.3	292.7	15,000 *	42.0	323.0	18,100	215
220	15.0	241.7	10,600 *	27.4	283.2	14,100 *	39.9	317.0	17,300	220
230				20.5	259.6	12,400 *	35.4	303.6	15,900	230
240				9.2	219.2	9,800 *	30.2	287.5	14,600	240
250							24.1	267.2	13,200 *	250
260							15.8	238.2	11,600 *	260



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 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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180 Ft. Boom, 180 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.0	403.8	39,800 * c							75
80	73.7	402.3	38,800 * c							80
85	72.3	400.7	37,800 * c							85
90	70.9	398.9	36,800 * c							90
95	69.6	397.0	35,700 * c							95
100	68.2	395.0	34,500 * b							100
105	66.8	392.9	33,300 * b							105
110	65.4	390.5	32,100 * b	69.8	396.0	42,100 * c				110
115	63.9	388.1	30,900 * b	68.4	394.0	41,500 * b				115
120	62.5	385.5	29,700 * b	67.0	391.9	40,800 * b				120
125	61.0	382.7	28,600 * b	65.6	389.6	40,000 * b				125
130	59.5	379.7	27,400 * b	64.2	387.1	39,200 * b				130
135	58.0	376.5	26,200 * b	62.7	384.5	38,200 * b				135
140	56.4	373.2	25,100 * b	61.2	381.8	37,200 * b				140
145	54.8	369.7	24,000 *	59.7	378.8	35,900 * b				145
150	53.2	365.9	22,900 *	58.2	375.7	33,400 * b				150
155	51.6	361.9	21,800 *	56.7	372.4	31,200 * b				155
160	49.9	357.7	20,800 *	55.1	368.9	29,200 *	62.7	379.5	29,200 b	160
165	48.1	353.2	19,900 *	53.5	365.2	27,300 *	61.2	376.7	27,800 b	165
170	46.4	348.5	19,000 *	51.8	361.3	25,600 *	59.7	373.8	26,500 b	170
175	44.5	343.4	18,100 *	50.2	357.1	24,000 *	58.2	370.6	25,200 b	175
180	42.6	338.0	17,200 *	48.4	352.6	22,500 *	56.6	367.3	24,100 b	180
185	40.7	332.2	16,400 *	46.7	347.9	21,100 *	55.1	363.8	23,000	185
190	38.6	325.9	15,600 *	44.8	342.9	19,800 *	53.5	360.1	21,900	190
195	36.4	319.2	14,900 *	43.0	337.5	18,600 *	51.8	356.2	21,000	195
200	34.1	311.9	14,200 *	41.0	331.8	17,400 *	50.1	352.0	20,000	200
205	31.7	303.9	13,300 *	38.9	325.6	16,300 *	48.4	347.5	19,200	205
210	29.1	295.1	12,400 *	36.8	319.0	15,300 *	46.6	342.8	18,300	210
215	26.2	285.1	11,600 *	34.5	311.8	14,400 *	44.8	337.8	17,500	215
220	23.0	273.8	10,800 *	32.1	303.9	13,400 *	42.9	332.4	16,800	220
230	14.6	242.9	8,700 *	26.7	285.5	11,800 *	38.9	320.5	15,300	230
240				20.0	261.3	10,200 *	34.5	306.7	14,000	240
250				9.0	219.9	7,900 *	29.5	290.1	12,600 *	250
260							23.5	269.2	11,000 *	260
270							15.4	239.5	9,500 *	270

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180 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.7	414.2	37,000 * c							75
80	74.4	412.7	36,100 * c							80
85	73.1	411.2	35,300 * c							85
90	71.8	409.5	34,400 * c							90
95	70.5	407.7	33,400 * c							95
100	69.2	405.8	32,500 * b							100
105	67.8	403.8	31,500 * b							105
110	66.5	401.6	30,400 * b	70.7	406.7	38,800 * c				110
115	65.1	399.2	29,400 * b	69.4	404.8	38,400 * c				115
120	63.7	396.8	28,300 * b	68.1	402.8	37,900 * b				120
125	62.4	394.1	27,300 * b	66.7	400.6	37,300 * b				125
130	60.9	391.3	26,200 * b	65.4	398.3	36,600 * b				130
135	59.5	388.4	25,200 * b	64.0	395.8	35,900 * b				135
140	58.0	385.2	24,200 * b	62.6	393.2	35,100 * b				140
145	56.6	381.9	23,100 * b	61.2	390.4	34,200 * b				145
150	55.1	378.4	22,200 *	59.7	387.5	32,800 * b				150
155	53.5	374.7	21,200 *	58.3	384.4	30,600 * b				155
160	52.0	370.8	20,300 *	56.8	381.1	28,600 * b				160
165	50.4	366.6	19,400 *	55.3	377.6	26,700 *	62.6	388.1	27,300 b	165
170	48.7	362.2	18,500 *	53.8	374.0	25,000 *	61.2	385.4	25,900 b	170
175	47.0	357.6	17,700 *	52.2	370.1	23,400 *	59.7	382.4	24,700 b	175
180	45.3	352.6	16,900 *	50.6	366.0	21,900 *	58.3	379.3	23,600 b	180
185	43.5	347.3	16,100 *	49.0	361.6	20,500 *	56.8	376.0	22,500 b	185
190	41.6	341.7	15,400 *	47.3	357.0	19,200 *	55.3	372.5	21,400	190
195	39.7	335.7	14,500 *	45.6	352.1	18,000 *	53.8	368.9	20,500	195
200	37.7	329.3	13,600 *	43.8	346.9	16,800 *	52.2	365.0	19,500	200
205	35.6	322.4	12,700 *	42.0	341.3	15,700 *	50.6	360.9	18,700	205
210	33.4	314.8	11,800 *	40.0	335.4	14,700 *	49.0	356.5	17,800	210
215	31.0	306.6	11,000 *	38.0	329.0	13,800 *	47.3	351.9	17,000	215
220	28.4	297.5	10,300 *	36.0	322.2	12,900 *	45.6	347.0	16,300	220
230	22.5	275.7	8,800 *	31.4	306.7	11,200 *	41.9	336.2	14,900	230
240	14.3	244.1	6,800 *	26.1	287.8	9,700 *	38.0	323.9	13,600	240
250				19.5	263.0	8,300 *	33.7	309.6	12,000 *	250
260				8.8	220.6	6,200 *	28.8	292.6	10,400 *	260
270							23.0	271.2	9,000 *	270
280							15.1	240.8	7,600 *	280



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Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.3	423.5	30,000 * c							80
85	74.1	422.0	30,000 * c							85
90	72.9	420.5	30,000 * c							90
95	71.6	418.8	30,000 * c							95
100	70.4	417.0	30,000 * c							100
105	69.1	415.1	29,500 * b							105
110	67.8	413.0	28,700 * b							110
115	66.5	410.8	27,800 * b	70.6	415.9	30,000 * c				115
120	65.2	408.5	26,900 * b	69.3	414.0	30,000 * b				120
125	63.9	406.0	26,000 * b	68.0	412.0	30,000 * b				125
130	62.6	403.4	25,100 * b	66.7	409.8	30,000 * b				130
135	61.2	400.6	24,100 * b	65.4	407.5	30,000 * b				135
140	59.8	397.7	23,200 * b	64.1	405.1	30,000 * b				140
145	58.5	394.6	22,300 * b	62.8	402.5	30,000 * b				145
150	57.0	391.4	21,500 * b	61.4	399.8	30,000 * b				150
155	55.6	387.9	20,600 * b	60.1	396.9	30,000 * b				155
160	54.2	384.3	19,700 *	58.7	393.8	29,800 * b				160
165	52.7	380.5	18,900 *	57.3	390.6	28,200 * b				165
170	51.1	376.5	18,100 *	55.9	387.2	26,200 *	62.8	397.4	25,500 b	170
175	49.6	372.2	17,300 *	54.4	383.6	24,400 *	61.4	394.7	24,300 b	175
180	48.0	367.7	16,600 *	52.9	379.8	22,800 *	60.1	391.8	23,100 b	180
185	46.4	362.9	15,800 *	51.4	375.8	21,200 *	58.7	388.7	22,000 b	185
190	44.7	357.9	15,100 *	49.8	371.6	19,800 *	57.3	385.5	21,000 b	190
195	42.9	352.5	14,400 *	48.3	367.1	18,500 *	55.8	382.1	20,000 b	195
200	41.1	346.8	13,700 *	46.6	362.4	17,200 *	54.4	378.5	19,100	200
205	39.3	340.7	12,800 *	45.0	357.4	16,100 *	52.9	374.7	18,200	205
210	37.3	334.2	11,900 *	43.2	352.1	15,000 *	51.4	370.7	17,400	210
215	35.3	327.2	11,000 *	41.5	346.4	13,900 *	49.8	366.5	16,600	215
220	33.2	319.6	10,200 *	39.6	340.4	13,000 *	48.2	362.0	15,800	220
230	28.4	302.2	8,700 *	35.6	327.0	11,200 *	44.9	352.3	14,400	230
240	22.8	280.6	7,300 *	31.3	311.4	9,600 *	41.4	341.3	13,100	240
250	15.1	250.0	5,600 *	26.2	292.5	8,100 *	37.6	328.8	11,900	250
260				20.0	268.1	6,800 *	33.5	314.4	10,400 *	260
270				10.4	229.0	5,100 *	28.8	297.3	8,800 *	270
280							23.2	276.0	7,500 *	280
290							15.9	246.5	6,200 *	290

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.8	402.0	38,900 *b							80
85	73.4	400.4	37,900 *							85
90	72.1	398.7	36,900 *							90
95	70.7	396.8	35,800 *							95
100	69.3	394.7	34,700 *							100
105	67.9	392.6	33,600 *							105
110	66.5	390.3	32,500 *	70.9	395.7	40,200 *				110
115	65.0	387.8	31,300 *	69.5	393.7	39,100 *				115
120	63.6	385.2	30,100 *	68.1	391.6	38,100 *				120
125	62.1	382.4	29,000 *	66.7	389.3	37,100 *				125
130	60.6	379.4	27,800 *	65.3	386.8	36,100 *				130
135	59.1	376.2	26,700 *	63.8	384.2	35,200 *				135
140	57.5	372.9	25,500 *	62.3	381.5	34,300 *				140
145	55.9	369.4	24,500 *	60.8	378.5	33,500 *				145
150	54.3	365.6	23,400 *	59.3	375.4	32,700 *				150
155	52.7	361.6	22,400 *	57.8	372.1	32,000 *				155
160	51.0	357.4	21,400 *	56.2	368.6	31,000 *				160
165	49.2	352.9	20,500 *	54.6	364.9	29,100 *	62.3	376.4	28,900	165
170	47.5	348.1	19,500 *	52.9	360.9	27,400 *	60.8	373.5	27,600	170
175	45.6	343.0	18,700 *	51.3	356.7	25,700 *	59.3	370.3	26,400	175
180	43.7	337.6	17,800 *	49.5	352.3	24,200 *	57.8	367.0	25,200	180
185	41.7	331.8	17,000 *	47.8	347.6	22,800 *	56.2	363.5	24,100	185
190	39.7	325.5	16,200 *	45.9	342.5	21,500 *	54.6	359.8	23,100	190
195	37.5	318.7	15,500 *	44.0	337.2	20,300 *	52.9	355.8	22,100	195
200	35.2	311.4	14,800 *	42.1	331.4	19,100 *	51.2	351.6	21,200	200
205	32.7	303.4	14,200 *	40.0	325.2	18,000 *	49.5	347.2	20,300	205
210	30.1	294.5	13,500 *	37.9	318.6	17,000 *	47.7	342.5	19,400	210
215	27.2	284.5	12,900 *	35.6	311.3	16,000 *	45.9	337.4	18,600	215
220	24.0	273.1	12,400 *	33.2	303.4	15,100 *	44.0	332.0	17,900	220
230	15.5	241.8	10,200 *	27.7	284.9	13,400 *	40.0	320.1	16,400	230
240				20.9	260.5	11,800 *	35.6	306.2	15,100	240
250				9.6	218.0	9,400 *	30.5	289.5	13,900	250
260							24.5	268.6	12,600 *	260
270							16.3	238.5	11,100 *	270



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.5	412.5	36,300 *b							80
85	74.2	410.9	35,500 *							85
90	72.9	409.3	34,600 *							90
95	71.6	407.5	33,700 *							95
100	70.2	405.5	32,800 *							100
105	68.9	403.5	31,800 *							105
110	67.6	401.3	30,800 *							110
115	66.2	398.9	29,800 *	70.5	404.5	37,800 *				115
120	64.8	396.5	28,700 *	69.1	402.5	36,800 *				120
125	63.4	393.8	27,700 *	67.8	400.3	35,900 *				125
130	62.0	391.0	26,700 *	66.4	398.0	35,000 *				130
135	60.6	388.0	25,600 *	65.0	395.5	34,100 *				135
140	59.1	384.9	24,600 *	63.7	392.9	33,300 *				140
145	57.6	381.6	23,600 *	62.2	390.1	32,500 *				145
150	56.1	378.1	22,700 *	60.8	387.2	31,800 *				150
155	54.6	374.4	21,700 *	59.4	384.1	31,100 *				155
160	53.0	370.4	20,800 *	57.9	380.8	30,400 *				160
165	51.4	366.3	19,900 *	56.4	377.3	28,700 *				165
170	49.7	361.9	19,000 *	54.8	373.6	26,900 *	62.2	385.1	27,200	170
175	48.1	357.2	18,200 *	53.3	369.7	25,300 *	60.8	382.1	26,000	175
180	46.3	352.2	17,400 *	51.7	365.6	23,800 *	59.3	379.0	24,800	180
185	44.5	346.9	16,600 *	50.0	361.3	22,300 *	57.9	375.7	23,700	185
190	42.7	341.3	15,900 *	48.3	356.6	21,000 *	56.3	372.2	22,700	190
195	40.7	335.3	15,200 *	46.6	351.7	19,800 *	54.8	368.5	21,700	195
200	38.7	328.9	14,500 *	44.8	346.5	18,600 *	53.2	364.6	20,800	200
205	36.6	321.9	13,900 *	43.0	340.9	17,500 *	51.6	360.5	19,900	205
210	34.4	314.3	13,300 *	41.1	335.0	16,500 *	50.0	356.2	19,100	210
215	32.0	306.1	12,700 *	39.1	328.6	15,500 *	48.3	351.5	18,300	215
220	29.4	297.0	12,000 *	37.0	321.7	14,600 *	46.6	346.6	17,500	220
230	23.4	275.0	10,500 *	32.4	306.2	12,900 *	43.0	335.8	16,100	230
240	15.1	242.9	8,400 *	27.1	287.2	11,400 *	39.0	323.5	14,800	240
250				20.4	262.2	9,900 *	34.7	309.1	13,600	250
260				9.4	218.6	7,700 *	29.8	292.0	12,100 *	260
270							23.9	270.5	10,600 *	270
280							15.9	239.7	9,300 *	280

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 180 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.9	421.4	33,100 *b							85
90	73.6	419.8	32,300 *							90
95	72.4	418.1	31,600 *							95
100	71.1	416.3	30,700 *							100
105	69.8	414.3	29,900 *							105
110	68.5	412.2	29,000 *							110
115	67.3	410.0	28,100 *							115
120	65.9	407.6	27,200 *	70.0	413.3	35,500 *				120
125	64.6	405.1	26,300 *	68.8	411.2	34,800 *				125
130	63.3	402.5	25,400 *	67.5	409.0	33,900 *				130
135	61.9	399.7	24,500 *	66.2	406.7	33,100 *				135
140	60.5	396.7	23,600 *	64.8	404.2	32,400 *				140
145	59.1	393.6	22,700 *	63.5	401.6	31,600 *				145
150	57.7	390.3	21,800 *	62.1	398.8	31,000 *				150
155	56.3	386.8	20,900 *	60.8	395.8	30,300 *				155
160	54.8	383.1	20,100 *	59.4	392.7	29,700 *				160
165	53.3	379.2	19,200 *	58.0	389.5	28,000 *				165
170	51.8	375.1	18,400 *	56.5	386.0	26,300 *				170
175	50.2	370.8	17,700 *	55.1	382.4	24,600 *	62.1	393.7	25,400	175
180	48.6	366.2	16,900 *	53.6	378.5	23,100 *	60.8	390.8	24,300	180
185	47.0	361.4	16,200 *	52.0	374.5	21,700 *	59.4	387.7	23,200	185
190	45.3	356.2	15,500 *	50.5	370.2	20,400 *	57.9	384.4	22,100	190
195	43.5	350.8	14,800 *	48.9	365.6	19,200 *	56.5	380.9	21,200	195
200	41.7	345.0	14,200 *	47.2	360.9	18,000 *	55.0	377.3	20,200	200
205	39.8	338.8	13,600 *	45.6	355.8	16,900 *	53.5	373.4	19,400	205
210	37.8	332.1	13,000 *	43.8	350.4	15,900 *	52.0	369.4	18,500	210
215	35.8	325.0	12,100 *	42.0	344.6	14,900 *	50.5	365.1	17,700	215
220	33.6	317.2	11,400 *	40.1	338.5	14,000 *	48.9	360.5	17,000	220
230	28.7	299.4	9,900 *	36.1	324.8	12,300 *	45.5	350.7	15,500	230
240	22.9	276.8	8,600 *	31.7	308.8	10,800 *	42.0	339.5	14,200	240
250	14.8	244.0	6,700 *	26.5	289.4	9,400 *	38.1	326.8	13,000	250
260				19.9	263.8	8,100 *	33.9	312.0	11,500 *	260
270				9.1	219.2	6,000 *	29.1	294.5	10,100 *	270
280							23.4	272.4	8,700 *	280
290							15.6	240.9	7,400 *	290



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.5	431.8	30,800 *b							85
90	74.3	430.3	30,200 *							90
95	73.1	428.7	29,500 *							95
100	71.9	426.9	28,800 *							100
105	70.7	425.0	28,100 *							105
110	69.4	423.1	27,300 *							110
115	68.2	420.9	26,600 *							115
120	67.0	418.7	25,800 *	70.9	424.0	32,800 *				120
125	65.7	416.3	25,000 *	69.7	422.0	32,500 *				125
130	64.4	413.8	24,200 *	68.4	419.9	32,100 *				130
135	63.1	411.1	23,400 *	67.2	417.7	31,600 *				135
140	61.8	408.3	22,500 *	65.9	415.4	31,100 *				140
145	60.5	405.4	21,700 *	64.6	412.9	30,600 *				145
150	59.2	402.2	20,900 *	63.4	410.2	30,000 *				150
155	57.8	399.0	20,100 *	62.1	407.4	29,300 *				155
160	56.4	395.5	19,400 *	60.7	404.5	28,700 *				160
165	55.0	391.9	18,600 *	59.4	401.4	27,400 *				165
170	53.6	388.0	17,900 *	58.0	398.2	25,700 *				170
175	52.1	384.0	17,100 *	56.7	394.7	24,100 *				175
180	50.6	379.7	16,400 *	55.3	391.1	22,500 *	62.0	402.4	23,800	180
185	49.1	375.2	15,700 *	53.8	387.3	21,100 *	60.7	399.4	22,700	185
190	47.5	370.5	15,100 *	52.4	383.3	19,800 *	59.4	396.3	21,700	190
195	45.9	365.5	14,500 *	50.9	379.1	18,600 *	58.0	393.1	20,700	195
200	44.3	360.2	13,800 *	49.4	374.6	17,400 *	56.6	389.6	19,800	200
205	42.6	354.5	13,200 *	47.8	369.9	16,300 *	55.2	386.0	18,900	205
210	40.8	348.6	12,400 *	46.2	365.0	15,300 *	53.8	382.2	18,000	210
215	38.9	342.2	11,600 *	44.6	359.7	14,300 *	52.4	378.2	17,200	215
220	37.0	335.3	10,800 *	42.9	354.1	13,400 *	50.9	374.0	16,500	220
230	32.9	320.0	9,300 *	39.3	341.9	11,700 *	47.8	364.8	15,100	230
240	28.1	301.7	8,000 *	35.3	327.9	10,200 *	44.5	354.6	13,800	240
250	22.4	278.7	6,800 *	31.0	311.5	8,800 *	41.1	343.1	12,600 *	250
260	14.4	245.1	5,000 *	25.9	291.5	7,500 *	37.3	330.0	10,900 *	260
270				19.5	265.3	6,300 *	33.2	314.9	9,500 *	270
280				8.9	219.8	4,400 *	28.5	296.9	8,100 *	280
290							22.9	274.3	6,900 *	290
300							15.2	242.0	5,800 *	300

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 200 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.2	441.1	27,900 *b							90
95	74.0	439.6	27,400 *							95
100	72.9	437.9	26,800 *							100
105	71.7	436.2	26,200 *							105
110	70.6	434.3	25,600 *							110
115	69.4	432.3	24,900 *							115
120	68.2	430.2	24,200 *							120
125	67.0	427.9	23,600 *	70.7	433.2	29,800 *				125
130	65.8	425.6	22,900 *	69.6	431.3	29,500 *				130
135	64.6	423.1	22,200 *	68.4	429.2	29,200 *				135
140	63.3	420.4	21,400 *	67.2	427.0	28,800 *				140
145	62.1	417.6	20,700 *	66.0	424.6	28,400 *				145
150	60.8	414.7	20,000 *	64.8	422.1	27,900 *				150
155	59.5	411.6	19,300 *	63.5	419.5	27,400 *				155
160	58.2	408.4	18,600 *	62.3	416.8	26,800 *				160
165	56.9	405.0	17,900 *	61.0	413.9	26,300 *				165
170	55.5	401.5	17,200 *	59.7	410.8	25,700 *				170
175	54.2	397.7	16,600 *	58.4	407.6	25,000 *				175
180	52.8	393.8	15,900 *	57.1	404.2	23,500 *				180
185	51.4	389.6	15,300 *	55.8	400.7	22,000 *	62.3	411.7	22,200	185
190	49.9	385.3	14,700 *	54.4	397.0	20,500 *	61.0	408.8	21,200	190
195	48.4	380.7	14,100 *	53.0	393.1	19,200 *	59.7	405.7	20,200	195
200	46.9	375.8	13,500 *	51.6	389.0	17,900 *	58.4	402.5	19,300	200
205	45.3	370.7	13,000 *	50.2	384.6	16,700 *	57.1	399.2	18,400	205
210	43.7	365.3	12,400 *	48.7	380.1	15,600 *	55.8	395.6	17,600	210
215	42.1	359.6	11,600 *	47.2	375.3	14,600 *	54.4	391.9	16,800	215
220	40.3	353.5	10,800 *	45.6	370.2	13,600 *	53.0	388.0	16,000	220
230	36.7	340.1	9,200 *	42.4	359.2	11,700 *	50.1	379.5	14,600	230
240	32.7	324.7	7,800 *	38.9	346.8	10,100 *	47.1	370.2	13,300	240
250	28.1	306.4	6,500 *	35.1	332.7	8,600 *	44.0	359.8	12,100	250
260	22.6	283.6	5,400 *	30.9	316.2	7,300 *	40.6	348.1	10,900 *	260
270				26.0	296.3	6,100 *	37.0	334.8	9,400 *	270
280				19.9	270.5	4,900 *	33.0	319.6	8,000 *	280
290							28.5	301.5	6,700 *	290
300							23.1	279.2	5,500 *	300
310							15.9	248.0	4,400 *	310



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 160 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.5	421.3	32,700 *							85
90	74.3	419.7	32,000 *							90
95	73.0	418.0	31,300 *							95
100	71.8	416.2	30,600 *							100
105	70.5	414.2	29,800 *							105
110	69.2	412.1	29,000 *							110
115	67.9	409.9	28,200 *							115
120	66.6	407.5	27,300 *	70.7	413.2	31,600 *				120
125	65.3	405.0	26,500 *	69.4	411.1	30,700 *				125
130	64.0	402.4	25,600 *	68.2	408.9	29,900 *				130
135	62.6	399.5	24,700 *	66.8	406.6	29,100 *				135
140	61.2	396.6	23,900 *	65.5	404.1	28,300 *				140
145	59.8	393.5	23,000 *	64.2	401.4	27,500 *				145
150	58.4	390.2	22,200 *	62.8	398.7	26,800 *				150
155	57.0	386.7	21,300 *	61.5	395.7	26,200 *				155
160	55.5	383.0	20,500 *	60.1	392.6	25,500 *				160
165	54.0	379.1	19,700 *	58.6	389.4	24,900 *				165
170	52.5	375.0	18,900 *	57.2	385.9	24,400 *				170
175	50.9	370.7	18,100 *	55.7	382.3	23,800 *	62.8	393.6	26,400	175
180	49.3	366.1	17,400 *	54.2	378.4	23,300 *	61.4	390.7	25,200	180
185	47.6	361.2	16,700 *	52.7	374.3	22,800 *	60.0	387.5	24,100	185
190	45.9	356.1	16,000 *	51.2	370.1	21,900 *	58.6	384.3	23,100	190
195	44.2	350.6	15,300 *	49.6	365.5	20,600 *	57.2	380.8	22,100	195
200	42.4	344.8	14,700 *	47.9	360.7	19,500 *	55.7	377.2	21,200	200
205	40.5	338.6	14,100 *	46.2	355.6	18,400 *	54.2	373.3	20,300	205
210	38.5	332.0	13,500 *	44.5	350.2	17,300 *	52.7	369.2	19,500	210
215	36.4	324.8	12,900 *	42.7	344.5	16,300 *	51.1	364.9	18,700	215
220	34.2	317.0	12,400 *	40.8	338.3	15,400 *	49.5	360.4	17,900	220
230	29.4	299.1	11,300 *	36.8	324.7	13,700 *	46.2	350.5	16,500	230
240	23.5	276.6	9,900 *	32.3	308.6	12,200 *	42.6	339.3	15,200	240
250	15.4	243.6	8,000 *	27.1	289.1	10,700 *	38.8	326.6	14,000	250
260				20.6	263.4	9,400 *	34.6	311.8	12,900	260
270				9.6	218.4	7,300 *	29.8	294.3	11,400 *	270
280							24.0	272.1	10,100 *	280
290							16.1	240.4	8,800 *	290

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.2	430.6	30,000 *							90
95	74.0	429.0	29,400 *							95
100	72.8	427.2	28,800 *							100
105	71.6	425.4	28,100 *							105
110	70.4	423.4	27,400 *							110
115	69.2	421.3	26,700 *							115
120	67.9	419.1	25,900 *							120
125	66.7	416.8	25,200 *	70.6	422.4	29,700 *				125
130	65.4	414.3	24,400 *	69.4	420.3	28,900 *				130
135	64.1	411.6	23,600 *	68.1	418.1	28,100 *				135
140	62.8	408.9	22,800 *	66.9	415.8	27,300 *				140
145	61.5	405.9	22,100 *	65.6	413.3	26,700 *				145
150	60.1	402.9	21,300 *	64.3	410.7	26,000 *				150
155	58.8	399.6	20,500 *	63.0	408.0	25,400 *				155
160	57.4	396.2	19,700 *	61.7	405.1	24,800 *				160
165	56.0	392.6	19,000 *	60.4	402.0	24,200 *				165
170	54.6	388.8	18,300 *	59.0	398.8	23,600 *				170
175	53.1	384.8	17,600 *	57.6	395.4	23,100 *				175
180	51.6	380.6	16,900 *	56.2	391.8	22,600 *	63.0	402.9	24,900	180
185	50.1	376.2	16,200 *	54.8	388.1	22,100 *	61.7	400.0	23,900	185
190	48.6	371.5	15,600 *	53.4	384.1	21,400 *	60.4	396.9	22,800	190
195	47.0	366.5	14,900 *	51.9	380.0	20,200 *	59.0	393.7	21,800	195
200	45.3	361.3	14,300 *	50.4	375.6	19,000 *	57.6	390.3	20,900	200
205	43.6	355.7	13,700 *	48.8	370.9	17,900 *	56.2	386.8	20,000	205
210	41.8	349.8	13,200 *	47.2	366.0	16,900 *	54.8	383.0	19,200	210
215	40.0	343.5	12,600 *	45.6	360.8	15,900 *	53.3	379.0	18,400	215
220	38.1	336.8	12,100 *	43.9	355.3	14,900 *	51.9	374.9	17,600	220
230	34.0	321.7	10,800 *	40.3	343.3	13,200 *	48.8	365.8	16,200	230
240	29.3	303.8	9,500 *	36.4	329.4	11,700 *	45.6	355.7	14,900	240
250	23.7	281.4	8,300 *	32.1	313.3	10,300 *	42.1	344.4	13,700	250
260	16.2	249.7	6,500 *	27.1	293.8	9,000 *	38.4	331.5	12,500 *	260
270				21.0	268.6	7,800 *	34.3	316.6	11,000 *	270
280				11.3	227.4	5,800 *	29.7	298.9	9,600 *	280
290							24.2	277.0	8,400 *	290
300							16.9	246.3	7,200 *	300



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.8	441.0	27,900 *							90
95	74.7	439.5	27,400 *							95
100	73.5	437.8	26,900 *							100
105	72.4	436.0	26,300 *							105
110	71.2	434.2	25,700 *							110
115	70.0	432.2	25,100 *							115
120	68.8	430.1	24,500 *							120
125	67.6	427.8	23,800 *							125
130	66.4	425.4	23,100 *	70.2	431.2	29,000 *				130
135	65.2	422.9	22,500 *	69.0	429.1	28,200 *				135
140	63.9	420.3	21,800 *	67.8	426.8	27,500 *				140
145	62.7	417.5	21,100 *	66.6	424.5	26,800 *				145
150	61.4	414.6	20,400 *	65.4	422.0	26,100 *				150
155	60.1	411.5	19,700 *	64.2	419.4	25,500 *				155
160	58.8	408.3	19,000 *	62.9	416.6	24,900 *				160
165	57.5	404.9	18,300 *	61.6	413.7	24,300 *				165
170	56.2	401.3	17,700 *	60.4	410.7	23,800 *				170
175	54.8	397.6	17,000 *	59.1	407.5	23,300 *				175
180	53.4	393.6	16,400 *	57.7	404.1	22,800 *				180
185	52.0	389.5	15,700 *	56.4	400.6	22,300 *	62.9	411.6	23,300	185
190	50.5	385.1	15,100 *	55.0	396.8	21,800 *	61.6	408.7	22,300	190
195	49.0	380.5	14,600 *	53.6	392.9	20,800 *	60.3	405.6	21,300	195
200	47.5	375.7	14,000 *	52.2	388.8	19,600 *	59.0	402.4	20,400	200
205	46.0	370.6	13,400 *	50.8	384.5	18,400 *	57.7	399.0	19,500	205
210	44.3	365.2	12,900 *	49.3	379.9	17,200 *	56.4	395.5	18,700	210
215	42.7	359.4	12,400 *	47.8	375.1	16,200 *	55.0	391.8	17,900	215
220	41.0	353.3	11,900 *	46.2	370.1	15,200 *	53.6	387.8	17,100	220
230	37.3	340.0	10,800 *	43.0	359.1	13,300 *	50.8	379.4	15,700	230
240	33.3	324.5	9,400 *	39.5	346.6	11,700 *	47.8	370.0	14,400	240
250	28.7	306.2	8,100 *	35.7	332.5	10,200 *	44.6	359.6	13,200	250
260	23.2	283.3	6,900 *	31.4	315.9	8,800 *	41.2	347.9	12,100	260
270	15.8	250.8	5,300 *	26.6	296.0	7,600 *	37.6	334.7	10,900 *	270
280				20.5	270.1	6,400 *	33.6	319.4	9,500 *	280
290				11.0	228.1	4,800 *	29.1	301.3	8,200 *	290
300							23.7	278.9	7,000 *	300
310							16.5	247.5	5,900 *	310

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.3	449.9	25,600 *							95
100	74.1	448.4	25,100 *							100
105	73.0	446.7	24,600 *							105
110	71.9	444.9	24,100 *							110
115	70.8	442.9	23,600 *							115
120	69.6	440.9	23,000 *							120
125	68.5	438.8	22,400 *							125
130	67.3	436.5	21,900 *	71.0	441.9	27,500 *				130
135	66.2	434.1	21,300 *	69.8	439.9	27,200 *				135
140	65.0	431.6	20,700 *	68.7	437.8	26,700 *				140
145	63.8	429.0	20,000 *	67.5	435.5	26,000 *				145
150	62.6	426.2	19,400 *	66.4	433.2	25,400 *				150
155	61.4	423.2	18,800 *	65.2	430.7	24,800 *				155
160	60.1	420.2	18,200 *	64.0	428.0	24,200 *				160
165	58.9	417.0	17,600 *	62.8	425.3	23,700 *				165
170	57.6	413.6	17,000 *	61.6	422.4	23,100 *				170
175	56.3	410.0	16,400 *	60.3	419.3	22,600 *				175
180	55.0	406.3	15,800 *	59.1	416.2	22,200 *				180
185	53.7	402.4	15,200 *	57.8	412.8	21,700 *				185
190	52.3	398.3	14,600 *	56.5	409.3	21,300 *	62.8	420.2	21,800	190
195	50.9	394.0	14,100 *	55.2	405.6	20,200 *	61.6	417.3	20,800	195
200	49.5	389.5	13,500 *	53.9	401.7	18,900 *	60.3	414.3	19,900	200
205	48.0	384.8	13,000 *	52.5	397.7	17,800 *	59.1	411.1	19,000	205
210	46.5	379.8	12,500 *	51.2	393.4	16,600 *	57.8	407.7	18,200	210
215	45.0	374.5	12,000 *	49.7	388.9	15,600 *	56.5	404.2	17,400	215
220	43.4	368.9	11,600 *	48.3	384.2	14,600 *	55.2	400.5	16,600	220
230	40.1	356.8	10,200 *	45.3	374.0	12,700 *	52.5	392.6	15,200	230
240	36.5	343.1	8,800 *	42.1	362.7	11,100 *	49.7	383.8	13,900	240
250	32.6	327.2	7,500 *	38.7	349.9	9,600 *	46.8	374.2	12,700	250
260	28.1	308.5	6,300 *	35.0	335.4	8,300 *	43.7	363.4	11,600	260
270	22.7	285.1	5,200 *	30.8	318.5	7,000 *	40.4	351.4	10,400 *	270
280				26.0	298.1	5,900 *	36.8	337.8	8,900 *	280
290				20.1	271.7	4,800 *	32.9	322.1	7,600 *	290
300							28.5	303.6	6,400 *	300
310							23.2	280.7	5,300 *	310
320							16.1	248.7	4,300 *	320



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.8	460.4	23,800 *							95
100	74.7	458.8	23,300 *							100
105	73.7	457.2	22,900 *							105
110	72.6	455.5	22,500 *							110
115	71.5	453.7	22,000 *							115
120	70.4	451.7	21,500 *							120
125	69.3	449.7	21,000 *							125
130	68.2	447.5	20,500 *							130
135	67.1	445.2	20,000 *	70.6	450.7	25,100 *				135
140	66.0	442.8	19,500 *	69.5	448.6	24,900 *				140
145	64.8	440.3	18,900 *	68.4	446.5	24,700 *				145
150	63.7	437.6	18,400 *	67.3	444.2	24,400 *				150
155	62.5	434.8	17,800 *	66.1	441.8	24,100 *				155
160	61.3	431.9	17,300 *	65.0	439.3	23,600 *				160
165	60.1	428.8	16,700 *	63.9	436.7	23,100 *				165
170	58.9	425.6	16,200 *	62.7	433.9	22,600 *				170
175	57.7	422.3	15,600 *	61.5	431.0	22,100 *				175
180	56.5	418.8	15,100 *	60.3	428.0	21,700 *				180
185	55.2	415.1	14,500 *	59.1	424.8	21,300 *				185
190	53.9	411.2	14,000 *	57.9	421.5	20,800 *				190
195	52.6	407.2	13,500 *	56.7	418.0	19,600 *	62.7	428.9	20,300	195
200	51.3	402.9	13,000 *	55.4	414.3	18,300 *	61.5	426.0	19,300	200
205	49.9	398.5	12,500 *	54.1	410.5	17,100 *	60.3	422.9	18,500	205
210	48.5	393.8	12,100 *	52.8	406.5	16,000 *	59.1	419.7	17,600	210
215	47.1	388.9	11,600 *	51.5	402.3	14,900 *	57.9	416.4	16,800	215
220	45.6	383.8	11,100 *	50.1	397.9	13,900 *	56.6	412.9	16,100	220
230	42.6	372.6	9,600 *	47.3	388.4	12,100 *	54.1	405.4	14,700	230
240	39.3	360.2	8,200 *	44.4	377.9	10,500 *	51.5	397.2	13,400	240
250	35.8	346.1	6,900 *	41.3	366.3	9,000 *	48.7	388.2	12,200	250
260	32.0	329.9	5,700 *	37.9	353.2	7,600 *	45.9	378.2	11,100	260
270	27.6	310.7	4,600 *	34.3	338.3	6,400 *	42.8	367.1	9,700 *	270
280				30.2	321.0	5,300 *	39.6	354.8	8,300 *	280
290				25.5	300.2	4,200 *	36.1	340.8	7,000 *	290
300							32.3	324.8	5,800 *	300
310							27.9	305.9	4,700 *	310

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 160 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	74.9	439.5	26,300 *							95
100	73.8	437.9	25,800 *							100
105	72.6	436.1	25,300 *							105
110	71.4	434.2	24,900 *							110
115	70.3	432.2	24,400 *							115
120	69.1	430.1	23,900 *							120
125	67.9	427.9	23,500 *							125
130	66.7	425.5	22,900 *	70.5	431.2	24,500 *				130
135	65.4	423.0	22,300 *	69.3	429.1	24,100 *				135
140	64.2	420.4	21,600 *	68.1	426.9	23,600 *				140
145	63.0	417.6	21,000 *	66.9	424.6	23,200 *				145
150	61.7	414.7	20,400 *	65.6	422.1	22,800 *				150
155	60.4	411.6	19,800 *	64.4	419.5	22,400 *				155
160	59.1	408.4	19,100 *	63.2	416.7	22,000 *				160
165	57.8	405.0	18,500 *	61.9	413.8	21,600 *				165
170	56.4	401.4	17,900 *	60.6	410.8	21,300 *				170
175	55.1	397.7	17,300 *	59.3	407.6	20,700 *				175
180	53.7	393.7	16,700 *	58.0	404.2	20,200 *				180
185	52.2	389.6	16,100 *	56.7	400.7	19,700 *				185
190	50.8	385.2	15,500 *	55.3	396.9	19,300 *	61.9	408.7	20,700 *	190
195	49.3	380.6	14,900 *	53.9	393.0	18,800 *	60.6	405.7	20,500 *	195
200	47.8	375.8	14,400 *	52.5	388.9	18,400 *	59.3	402.5	20,200 *	200
205	46.2	370.7	13,800 *	51.0	384.6	18,000 *	58.0	399.1	19,900 *	205
210	44.6	365.3	13,300 *	49.6	380.0	17,600 *	56.6	395.6	19,500 *	210
215	43.0	359.5	12,800 *	48.0	375.2	17,300 *	55.3	391.8	18,700 *	215
220	41.2	353.5	12,300 *	46.5	370.2	16,500 *	53.9	387.9	17,900 *	220
230	37.6	340.1	11,400 *	43.2	359.2	14,600 *	51.0	379.5	16,500 *	230
240	33.5	324.6	10,500 *	39.7	346.7	13,000 *	48.0	370.1	15,200 *	240
250	29.0	306.3	9,400 *	36.0	332.6	11,500 *	44.9	359.7	14,000 *	250
260	23.5	283.5	8,200 *	31.7	316.1	10,100 *	41.5	348.0	12,900 *	260
270	16.1	251.1	6,500 *	26.9	296.2	8,900 *	37.9	334.8	11,900 *	270
280				20.8	270.4	7,700 *	33.9	319.5	10,800 *	280
290				11.4	228.6	6,000 *	29.4	301.5	9,500 *	290
300							24.0	279.0	8,300 *	300
310							16.8	247.8	7,200 *	310



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 170 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.5	450.0	25,000 *							95
100	74.4	448.4	24,600 *							100
105	73.3	446.7	24,200 *							105
110	72.2	444.9	23,700 *							110
115	71.0	443.0	23,300 *							115
120	69.9	441.0	22,800 *							120
125	68.7	438.8	22,200 *							125
130	67.6	436.6	21,700 *							130
135	66.4	434.2	21,200 *	70.1	440.0	23,900 *				135
140	65.2	431.7	20,600 *	68.9	437.8	23,500 *				140
145	64.1	429.0	20,100 *	67.8	435.6	23,100 *				145
150	62.8	426.2	19,500 *	66.6	433.2	22,700 *				150
155	61.6	423.3	18,900 *	65.4	430.7	22,300 *				155
160	60.4	420.3	18,300 *	64.3	428.1	21,700 *				160
165	59.1	417.0	17,800 *	63.0	425.4	21,100 *				165
170	57.9	413.7	17,200 *	61.8	422.5	20,600 *				170
175	56.6	410.1	16,600 *	60.6	419.4	20,100 *				175
180	55.3	406.4	16,100 *	59.3	416.2	19,600 *				180
185	53.9	402.5	15,500 *	58.1	412.9	19,100 *				185
190	52.6	398.4	15,000 *	56.8	409.4	18,700 *				190
195	51.2	394.1	14,400 *	55.5	405.7	18,300 *	61.8	417.4	20,000 *	195
200	49.8	389.6	13,900 *	54.1	401.8	17,900 *	60.6	414.3	19,700 *	200
205	48.3	384.9	13,400 *	52.8	397.8	17,500 *	59.3	411.1	19,500 *	205
210	46.8	379.9	12,900 *	51.4	393.5	17,100 *	58.1	407.8	19,000 *	210
215	45.3	374.6	12,400 *	50.0	389.0	16,700 *	56.8	404.3	18,300 *	215
220	43.7	369.0	12,000 *	48.5	384.3	16,000 *	55.5	400.6	17,500 *	220
230	40.4	356.9	11,100 *	45.5	374.1	14,100 *	52.8	392.7	16,100 *	230
240	36.8	343.2	10,200 *	42.3	362.8	12,500 *	50.0	383.9	14,800 *	240
250	32.9	327.4	8,900 *	38.9	350.0	11,000 *	47.0	374.2	13,700 *	250
260	28.4	308.6	7,700 *	35.2	335.5	9,600 *	43.9	363.5	12,600 *	260
270	23.0	285.2	6,600 *	31.1	318.6	8,400 *	40.6	351.5	11,600 *	270
280	15.7	252.2	5,000 *	26.3	298.3	7,200 *	37.1	337.9	10,300 *	280
290				20.4	271.9	6,200 *	33.2	322.3	9,000 *	290
300				11.1	229.3	4,600 *	28.7	303.8	7,800 *	300
310							23.5	280.9	6,700 *	310
320							16.4	249.0	5,700 *	320

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 180 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.0	458.9	23,100 *							100
105	73.9	457.3	22,700 *							105
110	72.8	455.6	22,300 *							110
115	71.7	453.7	21,900 *							115
120	70.6	451.8	21,400 *							120
125	69.5	449.7	21,000 *							125
130	68.4	447.6	20,500 *							130
135	67.3	445.3	20,000 *	70.8	450.7	23,100 *				135
140	66.2	442.9	19,500 *	69.7	448.7	22,800 *				140
145	65.1	440.3	19,000 *	68.6	446.6	22,500 *				145
150	63.9	437.7	18,500 *	67.5	444.3	22,100 *				150
155	62.7	434.9	18,000 *	66.4	441.9	21,600 *				155
160	61.6	432.0	17,500 *	65.2	439.4	21,000 *				160
165	60.4	428.9	16,900 *	64.1	436.8	20,500 *				165
170	59.2	425.7	16,400 *	62.9	434.0	20,000 *				170
175	57.9	422.3	15,900 *	61.8	431.1	19,500 *				175
180	56.7	418.8	15,400 *	60.6	428.1	19,000 *				180
185	55.4	415.1	14,900 *	59.4	424.9	18,600 *				185
190	54.2	411.3	14,400 *	58.1	421.6	18,200 *				190
195	52.8	407.3	13,900 *	56.9	418.1	17,800 *	62.9	428.9	19,300 *	195
200	51.5	403.0	13,400 *	55.6	414.4	17,400 *	61.7	426.0	19,100 *	200
205	50.2	398.6	12,900 *	54.4	410.6	17,000 *	60.6	423.0	18,800 *	205
210	48.8	393.9	12,500 *	53.1	406.6	16,700 *	59.4	419.8	18,400 *	210
215	47.3	389.0	12,000 *	51.7	402.4	16,300 *	58.1	416.5	17,800 *	215
220	45.9	383.9	11,600 *	50.4	398.0	15,300 *	56.9	413.0	17,000 *	220
230	42.8	372.7	10,700 *	47.6	388.5	13,500 *	54.3	405.5	15,600 *	230
240	39.6	360.3	9,500 *	44.6	378.0	11,900 *	51.7	397.3	14,300 *	240
250	36.1	346.2	8,300 *	41.5	366.4	10,400 *	49.0	388.2	13,100 *	250
260	32.2	330.0	7,100 *	38.2	353.3	9,000 *	46.1	378.3	12,100 *	260
270	27.8	310.9	6,000 *	34.5	338.4	7,800 *	43.1	367.2	11,000 *	270
280	22.6	287.0	5,000 *	30.5	321.1	6,600 *	39.8	354.9	9,700 *	280
290				25.8	300.3	5,600 *	36.4	341.0	8,400 *	290
300				19.9	273.4	4,600 *	32.5	324.9	7,200 *	300
310							28.2	306.1	6,100 *	310
320							23.0	282.7	5,100 *	320
330							16.1	250.2	4,100 *	330



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 190 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.5	469.4	21,600 *							100
105	74.5	467.8	21,200 *							105
110	73.4	466.1	20,900 *							110
115	72.4	464.4	20,500 *							115
120	71.3	462.5	20,100 *							120
125	70.3	460.5	19,700 *							125
130	69.2	458.5	19,300 *							130
135	68.2	456.3	18,900 *							135
140	67.1	454.0	18,500 *	70.5	459.5	22,000 *				140
145	66.0	451.5	18,000 *	69.4	457.4	21,700 *				145
150	64.9	449.0	17,500 *	68.3	455.3	21,400 *				150
155	63.8	446.3	17,100 *	67.3	453.0	20,900 *				155
160	62.6	443.5	16,600 *	66.2	450.6	20,400 *				160
165	61.5	440.6	16,100 *	65.1	448.1	19,900 *				165
170	60.4	437.6	15,700 *	64.0	445.4	19,400 *				170
175	59.2	434.4	15,200 *	62.8	442.7	18,900 *				175
180	58.0	431.0	14,700 *	61.7	439.8	18,500 *				180
185	56.8	427.5	14,300 *	60.6	436.7	18,100 *				185
190	55.6	423.9	13,800 *	59.4	433.6	17,700 *				190
195	54.4	420.1	13,300 *	58.2	430.2	17,300 *				195
200	53.1	416.1	12,900 *	57.0	426.8	16,900 *	62.8	437.6	18,300 *	200
205	51.8	411.9	12,400 *	55.8	423.2	16,500 *	61.7	434.7	18,200 *	205
210	50.5	407.5	12,000 *	54.6	419.4	16,200 *	60.5	431.7	17,800 *	210
215	49.2	402.9	11,600 *	53.3	415.4	15,700 *	59.4	428.5	17,300 *	215
220	47.8	398.1	11,200 *	52.0	411.2	14,700 *	58.2	425.2	16,500 *	220
230	45.0	387.8	10,400 *	49.4	402.4	12,900 *	55.8	418.1	15,100 *	230
240	42.0	376.4	9,000 *	46.7	392.6	11,300 *	53.3	410.3	13,900 *	240
250	38.8	363.6	7,700 *	43.8	381.8	9,800 *	50.7	401.8	12,700 *	250
260	35.4	349.2	6,500 *	40.7	369.9	8,400 *	48.0	392.5	11,600 *	260
270	31.6	332.6	5,400 *	37.4	356.5	7,200 *	45.2	382.2	10,500 *	270
280	27.3	313.1	4,400 *	33.9	341.2	6,100 *	42.3	370.9	9,100 *	280
290				29.9	323.6	5,000 *	39.1	358.2	7,800 *	290
300				25.3	302.3	4,000 *	35.7	344.0	6,600 *	300
310							31.9	327.6	5,500 *	310
320							27.6	308.3	4,500 *	320

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 200 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	76.0	479.8	20,100 *							100
105	75.0	478.3	19,800 *							105
110	74.0	476.7	19,500 *							110
115	73.0	475.0	19,100 *							115
120	72.0	473.2	18,800 *							120
125	71.0	471.3	18,400 *							125
130	70.0	469.3	18,100 *							130
135	68.9	467.2	17,700 *							135
140	67.9	465.0	17,300 *							140
145	66.8	462.6	16,900 *	70.1	468.3	20,700 *				145
150	65.8	460.2	16,500 *	69.1	466.2	20,400 *				150
155	64.7	457.7	16,100 *	68.1	464.0	20,200 *				155
160	63.6	455.0	15,700 *	67.0	461.7	19,800 *				160
165	62.6	452.2	15,300 *	66.0	459.3	19,400 *				165
170	61.5	449.3	14,800 *	64.9	456.7	18,900 *				170
175	60.3	446.2	14,400 *	63.8	454.1	18,500 *				175
180	59.2	443.0	14,000 *	62.7	451.3	18,000 *				180
185	58.1	439.7	13,600 *	61.6	448.4	17,600 *				185
190	56.9	436.2	13,100 *	60.5	445.4	17,300 *				190
195	55.8	432.6	12,700 *	59.4	442.2	16,900 *				195
200	54.6	428.8	12,300 *	58.3	438.9	16,500 *				200
205	53.4	424.9	11,900 *	57.1	435.5	16,200 *	62.7	446.2	17,300 *	205
210	52.1	420.8	11,500 *	56.0	431.9	15,900 *	61.6	443.3	17,100 *	210
215	50.9	416.4	11,100 *	54.8	428.1	15,100 *	60.5	440.3	16,800 *	215
220	49.6	411.9	10,700 *	53.6	424.2	14,100 *	59.4	437.1	16,000 *	220
230	47.0	402.3	9,700 *	51.1	415.8	12,300 *	57.1	430.4	14,600 *	230
240	44.2	391.7	8,300 *	48.5	406.7	10,600 *	54.7	423.0	13,300 *	240
250	41.3	379.9	7,100 *	45.8	396.6	9,100 *	52.3	415.0	12,200 *	250
260	38.1	366.8	5,900 *	43.0	385.6	7,800 *	49.8	406.2	11,100 *	260
270	34.7	352.1	4,800 *	40.0	373.3	6,600 *	47.2	396.6	9,900 *	270
280				36.8	359.6	5,400 *	44.4	386.1	8,500 *	280
290				33.2	344.0	4,400 *	41.5	374.5	7,200 *	290
300							38.4	361.5	6,000 *	300
310							35.0	346.9	4,900 *	310



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 160 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	76.0	460.6	21,000 *							95
100	74.9	459.1	20,500 *							100
105	73.8	457.4	20,100 *							105
110	72.8	455.7	19,700 *							110
115	71.7	453.9	19,300 *							115
120	70.6	451.9	18,800 *							120
125	69.5	449.9	18,400 *							125
130	68.4	447.7	18,000 *							130
135	67.3	445.4	17,600 *	70.8	450.9	18,400 *				135
140	66.1	443.0	17,100 *	69.7	448.9	18,000 *				140
145	65.0	440.5	16,800 *	68.6	446.7	17,600 *				145
150	63.9	437.8	16,400 *	67.5	444.4	17,200 *				150
155	62.7	435.1	16,000 *	66.3	442.1	16,900 *				155
160	61.5	432.1	15,700 *	65.2	439.6	16,500 *				160
165	60.3	429.1	15,300 *	64.1	436.9	16,200 *				165
170	59.1	425.9	15,100 *	62.9	434.2	15,900 *				170
175	57.9	422.5	14,700 *	61.7	431.3	15,500 *				175
180	56.7	419.0	14,400 *	60.5	428.2	15,200 *				180
185	55.4	415.3	14,100 *	59.3	425.1	14,900 *				185
190	54.1	411.5	13,900 *	58.1	421.7	14,600 *				190
195	52.8	407.4	13,600 *	56.9	418.2	14,300 *	62.9	429.1	15,100 *	195
200	51.5	403.2	13,300 *	55.6	414.6	14,000 *	61.7	426.2	14,800 *	200
205	50.1	398.8	13,000 *	54.3	410.8	13,800 *	60.5	423.2	14,500 *	205
210	48.7	394.1	12,600 *	53.0	406.8	13,500 *	59.3	420.0	14,300 *	210
215	47.3	389.2	12,200 *	51.7	402.6	13,200 *	58.1	416.6	14,100 *	215
220	45.8	384.1	11,800 *	50.3	398.2	13,000 *	56.8	413.2	13,800 *	220
230	42.8	372.9	11,000 *	47.5	388.7	12,600 *	54.3	405.7	13,400 *	230
240	39.6	360.5	10,200 *	44.6	378.2	12,200 *	51.7	397.5	12,900 *	240
250	36.1	346.5	9,400 *	41.5	366.6	11,500 *	48.9	388.4	12,500 *	250
260	32.2	330.3	8,200 *	38.1	353.5	10,100 *	46.1	378.5	12,100 *	260
270	27.8	311.2	7,100 *	34.5	338.7	8,900 *	43.0	367.4	11,800 *	270
280	22.6	287.4	6,100 *	30.5	321.4	7,800 *	39.8	355.1	10,800 *	280
290	15.5	254.0	4,600 *	25.8	300.7	6,700 *	36.3	341.2	9,500 *	290
300				20.0	273.9	5,700 *	32.5	325.2	8,300 *	300
310				11.0	230.9	4,300 *	28.2	306.4	7,300 *	310
320							23.0	283.1	6,200 *	320
330							16.1	250.8	5,300 *	330

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 170 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.4	469.5	20,100 *							100
105	74.4	468.0	19,700 *							105
110	73.4	466.3	19,300 *							110
115	72.3	464.5	18,900 *							115
120	71.3	462.7	18,500 *							120
125	70.2	460.7	18,100 *							125
130	69.2	458.6	17,700 *							130
135	68.1	456.4	17,300 *							135
140	67.0	454.1	17,000 *	70.4	459.7	17,700 *				140
145	65.9	451.7	16,600 *	69.4	457.6	17,300 *				145
150	64.8	449.2	16,300 *	68.3	455.4	17,000 *				150
155	63.7	446.5	15,900 *	67.2	453.1	16,600 *				155
160	62.6	443.7	15,600 *	66.1	450.7	16,300 *				160
165	61.5	440.8	15,200 *	65.0	448.2	16,000 *				165
170	60.3	437.7	14,900 *	63.9	445.6	15,700 *				170
175	59.2	434.5	14,700 *	62.8	442.8	15,300 *				175
180	58.0	431.2	14,300 *	61.7	439.9	15,100 *				180
185	56.8	427.7	14,100 *	60.5	436.9	14,800 *				185
190	55.6	424.1	13,800 *	59.3	433.7	14,500 *				190
195	54.3	420.2	13,400 *	58.2	430.4	14,200 *				195
200	53.1	416.3	13,000 *	57.0	426.9	13,900 *	62.8	437.7	14,500 *	200
205	51.8	412.1	12,600 *	55.8	423.3	13,700 *	61.6	434.8	14,300 *	205
210	50.5	407.7	12,200 *	54.5	419.5	13,400 *	60.5	431.8	14,100 *	210
215	49.2	403.1	11,800 *	53.3	415.6	13,200 *	59.3	428.6	13,900 *	215
220	47.8	398.3	11,400 *	52.0	411.4	13,000 *	58.2	425.3	13,700 *	220
230	45.0	388.0	10,600 *	49.4	402.6	12,500 *	55.7	418.2	13,200 *	230
240	42.0	376.6	9,900 *	46.6	392.8	12,100 *	53.3	410.5	12,800 *	240
250	38.8	363.8	8,900 *	43.8	382.0	11,000 *	50.7	402.0	12,400 *	250
260	35.4	349.4	7,700 *	40.7	370.1	9,600 *	48.0	392.7	12,100 *	260
270	31.6	332.9	6,700 *	37.4	356.7	8,400 *	45.2	382.4	11,400 *	270
280	27.3	313.4	5,700 *	33.9	341.5	7,300 *	42.2	371.1	10,300 *	280
290	22.1	289.2	4,700 *	29.9	323.9	6,200 *	39.1	358.5	9,000 *	290
300				25.3	302.7	5,300 *	35.7	344.2	7,800 *	300
310				19.6	275.4	4,400 *	31.9	327.9	6,800 *	310
320							27.6	308.6	5,800 *	320
330							22.6	284.9	4,800 *	330



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 180 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.9	479.9	19,300 *							100
105	75.0	478.4	19,100 *							105
110	74.0	476.8	18,800 *							110
115	73.0	475.1	18,400 *							115
120	71.9	473.3	18,100 *							120
125	70.9	471.4	17,700 *							125
130	69.9	469.4	17,400 *							130
135	68.9	467.3	17,000 *							135
140	67.8	465.1	16,700 *							140
145	66.8	462.8	16,300 *	70.1	468.4	16,900 *				145
150	65.7	460.4	16,000 *	69.1	466.3	16,600 *				150
155	64.7	457.8	15,700 *	68.0	464.1	16,300 *				155
160	63.6	455.1	15,400 *	67.0	461.8	16,000 *				160
165	62.5	452.4	15,100 *	65.9	459.4	15,700 *				165
170	61.4	449.4	14,700 *	64.9	456.9	15,400 *				170
175	60.3	446.4	14,300 *	63.8	454.2	15,100 *				175
180	59.2	443.2	13,900 *	62.7	451.5	14,900 *				180
185	58.0	439.9	13,600 *	61.6	448.6	14,600 *				185
190	56.9	436.4	13,200 *	60.5	445.6	14,300 *				190
195	55.7	432.8	12,800 *	59.4	442.4	14,000 *				195
200	54.5	429.0	12,400 *	58.2	439.1	13,800 *				200
205	53.3	425.1	12,000 *	57.1	435.6	13,500 *	62.7	446.4	14,000 *	205
210	52.1	420.9	11,700 *	55.9	432.1	13,300 *	61.6	443.5	13,800 *	210
215	50.8	416.6	11,300 *	54.7	428.3	13,100 *	60.5	440.5	13,600 *	215
220	49.6	412.1	10,900 *	53.5	424.4	12,900 *	59.4	437.3	13,400 *	220
230	46.9	402.5	10,200 *	51.0	416.0	12,700 *	57.1	430.6	13,000 *	230
240	44.2	391.9	9,500 *	48.5	406.9	11,800 *	54.7	423.2	12,600 *	240
250	41.2	380.1	8,300 *	45.8	396.8	10,400 *	52.3	415.2	12,300 *	250
260	38.1	367.1	7,100 *	43.0	385.8	9,000 *	49.8	406.4	11,900 *	260
270	34.7	352.4	6,000 *	40.0	373.5	7,800 *	47.1	396.8	10,900 *	270
280	31.0	335.5	5,000 *	36.7	359.8	6,700 *	44.4	386.3	9,700 *	280
290	26.8	315.6	4,100 *	33.2	344.3	5,600 *	41.5	374.7	8,400 *	290
300				29.3	326.3	4,700 *	38.4	361.7	7,200 *	300
310							35.0	347.2	6,200 *	310
320							31.3	330.5	5,200 *	320
330							27.1	310.8	4,200 *	330

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 190 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
105	75.5	488.9	17,900 *							105
110	74.5	487.3	17,600 *							110
115	73.5	485.7	17,400 *							115
120	72.6	484.0	17,100 *							120
125	71.6	482.1	16,800 *							125
130	70.6	480.2	16,600 *							130
135	69.6	478.2	16,300 *							135
140	68.6	476.1	16,000 *							140
145	67.6	473.8	15,600 *	70.8	479.2	16,500 *				145
150	66.6	471.5	15,300 *	69.8	477.2	16,200 *				150
155	65.6	469.0	15,000 *	68.8	475.1	15,900 *				155
160	64.5	466.5	14,700 *	67.8	472.8	15,800 *				160
165	63.5	463.8	14,300 *	66.8	470.5	15,400 *				165
170	62.4	461.0	14,000 *	65.7	468.1	15,100 *				170
175	61.4	458.1	13,600 *	64.7	465.6	14,900 *				175
180	60.3	455.1	13,300 *	63.7	462.9	14,600 *				180
185	59.2	451.9	12,900 *	62.6	460.1	14,300 *				185
190	58.1	448.6	12,600 *	61.6	457.2	14,100 *				190
195	57.0	445.1	12,200 *	60.5	454.2	13,900 *				195
200	55.9	441.5	11,900 *	59.4	451.1	13,600 *				200
205	54.7	437.8	11,500 *	58.3	447.8	13,400 *				205
210	53.5	433.9	11,200 *	57.2	444.3	13,200 *	62.6	455.0	13,400 *	210
215	52.4	429.8	10,800 *	56.1	440.8	12,900 *	61.5	452.2	13,300 *	215
220	51.2	425.5	10,500 *	54.9	437.1	12,700 *	60.5	449.1	13,100 *	220
230	48.7	416.5	9,800 *	52.6	429.1	12,300 *	58.3	442.7	12,800 *	230
240	46.1	406.5	8,900 *	50.1	420.5	11,200 *	56.0	435.7	12,400 *	240
250	43.4	395.6	7,700 *	47.6	411.1	9,800 *	53.7	428.1	12,100 *	250
260	40.5	383.6	6,500 *	45.0	400.8	8,400 *	51.3	419.8	11,400 *	260
270	37.4	370.3	5,400 *	42.2	389.4	7,200 *	48.9	410.8	10,400 *	270
280	34.1	355.2	4,500 *	39.3	376.9	6,100 *	46.3	400.9	9,100 *	280
290				36.1	362.9	5,000 *	43.6	390.1	7,800 *	290
300				32.6	347.0	4,100 *	40.7	378.2	6,600 *	300
310							37.7	365.0	5,600 *	310
320							34.4	350.1	4,600 *	320



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 200 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
105	75.9	499.3	16,700 *							105
110	75.0	497.8	16,500 *							110
115	74.1	496.2	16,200 *							115
120	73.1	494.5	16,000 *							120
125	72.2	492.8	15,700 *							125
130	71.2	490.9	15,500 *							130
135	70.3	489.0	15,200 *							135
140	69.3	486.9	15,000 *							140
145	68.3	484.8	14,700 *							145
150	67.4	482.5	14,400 *	70.4	487.9	15,700 *				150
155	66.4	480.2	14,100 *	69.5	485.9	15,500 *				155
160	65.4	477.7	13,800 *	68.5	483.8	15,200 *				160
165	64.4	475.1	13,500 *	67.5	481.5	15,000 *				165
170	63.4	472.5	13,200 *	66.5	479.2	14,700 *				170
175	62.4	469.7	12,900 *	65.6	476.8	14,500 *				175
180	61.3	466.7	12,600 *	64.6	474.2	14,300 *				180
185	60.3	463.7	12,200 *	63.5	471.6	14,000 *				185
190	59.2	460.5	11,900 *	62.5	468.8	13,800 *				190
195	58.2	457.3	11,600 *	61.5	465.9	13,600 *				195
200	57.1	453.8	11,300 *	60.5	462.9	13,400 *				200
205	56.0	450.2	11,000 *	59.4	459.7	13,100 *				205
210	54.9	446.5	10,600 *	58.3	456.5	12,900 *				210
215	53.8	442.7	10,300 *	57.3	453.0	12,700 *	62.5	463.7	12,800 *	215
220	52.6	438.6	10,000 *	56.2	449.5	12,500 *	61.5	460.8	12,700 *	220
230	50.3	430.0	9,400 *	54.0	442.0	12,100 *	59.4	454.6	12,400 *	230
240	47.8	420.7	8,300 *	51.7	433.8	10,600 *	57.3	448.0	12,100 *	240
250	45.3	410.5	7,100 *	49.3	424.9	9,100 *	55.1	440.7	11,800 *	250
260	42.6	399.4	5,900 *	46.8	415.2	7,800 *	52.8	432.9	10,900 *	260
270	39.8	387.1	4,800 *	44.2	404.6	6,600 *	50.5	424.3	9,900 *	270
280				41.5	393.0	5,500 *	48.0	415.0	8,500 *	280
290				38.6	380.2	4,400 *	45.5	404.9	7,200 *	290
300							42.8	393.9	6,000 *	300
310							40.0	381.7	4,900 *	310

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.1	394.5	43,700 * c							70
75	73.6	393.0	42,500 * c							75
80	72.1	391.4	41,300 * c							80
85	70.6	389.6	40,000 * c							85
90	69.1	387.7	38,600 * b							90
95	67.5	385.6	37,200 * b							95
100	66.0	383.3	35,800 * b							100
105	64.4	380.9	34,400 * b	69.6	386.9	46,000 * c				105
110	62.8	378.3	33,000 * b	68.1	384.9	45,200 * b				110
115	61.2	375.5	31,600 * b	66.5	382.7	44,200 * b				115
120	59.5	372.6	30,200 * b	64.9	380.3	43,200 * b				120
125	57.9	369.4	28,800 * b	63.4	377.8	42,000 * b				125
130	56.2	366.0	27,500 * b	61.8	375.1	40,800 * b				130
135	54.4	362.5	26,300 *	60.1	372.2	39,500 * b				135
140	52.6	358.6	25,000 *	58.4	369.1	38,200 * b				140
145	50.8	354.5	23,800 *	56.7	365.8	36,800 * b				145
150	48.9	350.2	22,700 *	55.0	362.3	35,100 *				150
155	47.0	345.5	21,600 *	53.2	358.5	32,800 *	62.2	370.5	30,800 b	155
160	45.0	340.5	20,600 *	51.4	354.5	30,800 *	60.5	367.6	29,300 b	160
165	42.9	335.1	19,600 *	49.6	350.3	28,800 *	58.9	364.6	27,900 b	165
170	40.7	329.3	18,600 *	47.7	345.7	27,100 *	57.2	361.4	26,600 b	170
175	38.5	323.1	17,700 *	45.7	340.8	25,400 *	55.5	357.9	25,400	175
180	36.1	316.3	16,900 *	43.6	335.6	23,900 *	53.7	354.2	24,300	180
185	33.5	308.8	16,100 *	41.5	329.9	22,500 *	51.9	350.3	23,200	185
190	30.8	300.5	15,300 *	39.2	323.8	21,200 *	50.1	346.1	22,200	190
195	27.8	291.2	14,600 *	36.9	317.2	19,900 *	48.2	341.6	21,200	195
200	24.4	280.6	14,000 *	34.4	310.0	18,800 *	46.2	336.8	20,300	200
205	20.6	267.9	13,400 *	31.7	302.0	17,700 *	44.2	331.7	19,400	205
210	15.8	251.7	12,800 *	28.8	293.1	16,600 *	42.0	326.1	18,600	210
215	8.4	226.3	10,400 *	25.6	283.0	15,700 *	39.8	320.2	17,800	215
220				22.0	271.1	14,700 *	37.5	313.7	17,000	220
230				11.5	235.7	12,400 *	32.4	298.9	15,600	230
240							26.5	280.4	14,300	240
250							18.8	255.3	13,100	250



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.8	404.9	40,800 * c							70
75	74.4	403.5	39,800 * c							75
80	73.0	401.9	38,700 * c							80
85	71.5	400.2	37,600 * c							85
90	70.1	398.4	36,400 * c							90
95	68.7	396.4	35,200 * b							95
100	67.2	394.3	34,000 * b							100
105	65.7	392.0	32,700 * b	70.6	397.6	42,700 * c				105
110	64.2	389.6	31,500 * b	69.2	395.7	42,100 * b				110
115	62.7	387.0	30,200 * b	67.7	393.6	41,400 * b				115
120	61.1	384.2	29,000 * b	66.2	391.4	40,600 * b				120
125	59.6	381.2	27,800 * b	64.7	389.0	39,600 * b				125
130	58.0	378.1	26,600 * b	63.2	386.4	38,600 * b				130
135	56.3	374.7	25,400 * b	61.7	383.7	37,600 * b				135
140	54.7	371.2	24,200 *	60.1	380.8	36,400 * b				140
145	53.0	367.4	23,100 *	58.5	377.8	35,200 * b				145
150	51.3	363.4	22,100 *	56.9	374.5	34,000 * b				150
155	49.5	359.1	21,000 *	55.3	371.0	32,400 *				155
160	47.7	354.5	20,100 *	53.6	367.3	30,300 *	62.1	379.1	28,900 b	160
165	45.8	349.7	19,100 *	51.9	363.4	28,400 *	60.5	376.3	27,500 b	165
170	43.8	344.5	18,200 *	50.1	359.2	26,600 *	58.9	373.3	26,300 b	170
175	41.8	338.9	17,400 *	48.3	354.7	25,000 *	57.3	370.0	25,000 b	175
180	39.7	332.9	16,600 *	46.4	350.0	23,500 *	55.7	366.6	23,900 b	180
185	37.5	326.4	15,800 *	44.5	344.9	22,000 *	54.0	363.0	22,800	185
190	35.2	319.4	15,000 *	42.5	339.4	20,700 *	52.3	359.1	21,800	190
195	32.7	311.7	14,300 *	40.4	333.6	19,500 *	50.6	355.0	20,800	195
200	30.0	303.1	13,700 *	38.3	327.3	18,300 *	48.8	350.6	19,900	200
205	27.1	293.6	13,100 *	36.0	320.4	17,200 *	46.9	345.9	19,100	205
210	23.8	282.6	12,500 *	33.5	313.0	16,200 *	45.0	340.9	18,200	210
215	20.1	269.6	12,000 *	30.9	304.7	15,200 *	43.0	335.6	17,500	215
220	15.4	253.0	10,800 *	28.1	295.6	14,300 *	41.0	329.8	16,700	220
230				21.4	272.9	12,600 *	36.6	316.9	15,300	230
240				11.2	236.6	10,500 *	31.6	301.6	14,000	240
250							25.8	282.7	12,800	250
260							18.3	256.8	11,700	260

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 180 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.1	413.9	37,000 * c							75
80	73.8	412.4	36,100 * c							80
85	72.4	410.8	35,100 * c							85
90	71.0	409.1	34,100 * c							90
95	69.7	407.2	33,100 * c							95
100	68.3	405.2	32,000 * b							100
105	66.9	403.0	30,900 * b							105
110	65.5	400.7	29,800 * b	70.1	406.4	39,000 * c				110
115	64.0	398.2	28,700 * b	68.8	404.4	38,400 * b				115
120	62.6	395.6	27,600 * b	67.4	402.3	37,800 * b				120
125	61.1	392.9	26,500 * b	65.9	400.1	37,100 * b				125
130	59.6	389.9	25,500 * b	64.5	397.7	36,300 * b				130
135	58.1	386.8	24,400 * b	63.1	395.1	35,400 * b				135
140	56.5	383.4	23,300 * b	61.6	392.4	34,500 * b				140
145	54.9	379.9	22,300 *	60.1	389.5	33,500 * b				145
150	53.3	376.2	21,300 *	58.6	386.4	32,500 * b				150
155	51.7	372.2	20,400 *	57.1	383.2	31,400 * b				155
160	50.0	368.0	19,500 *	55.5	379.7	29,700 *				160
165	48.3	363.6	18,600 *	53.9	376.1	27,700 *	62.0	387.8	26,900 b	165
170	46.5	358.8	17,700 *	52.3	372.2	26,000 *	60.5	385.0	25,700 b	170
175	44.7	353.8	16,900 *	50.6	368.1	24,300 *	59.0	381.9	24,500 b	175
180	42.8	348.4	16,100 *	48.9	363.7	22,800 *	57.5	378.7	23,300 b	180
185	40.8	342.6	15,400 *	47.1	359.0	21,400 *	55.9	375.3	22,200 b	185
190	38.7	336.4	14,700 *	45.3	354.1	20,100 *	54.3	371.7	21,200	190
195	36.6	329.7	14,000 *	43.4	348.8	18,800 *	52.7	367.9	20,300	195
200	34.3	322.4	13,300 *	41.5	343.2	17,700 *	51.0	363.8	19,400	200
205	31.9	314.5	12,700 *	39.4	337.1	16,600 *	49.3	359.5	18,500	205
210	29.3	305.7	12,200 *	37.3	330.6	15,600 *	47.6	355.0	17,700	210
215	26.4	295.9	11,600 *	35.1	323.5	14,600 *	45.8	350.1	16,900	215
220	23.3	284.6	10,900 *	32.7	315.8	13,700 *	43.9	344.9	16,200	220
230	15.0	254.3	8,900 *	27.4	297.9	12,000 *	40.0	333.4	14,800	230
240				20.9	274.7	10,400 *	35.7	320.1	13,500	240
250				11.0	237.5	8,500 *	30.9	304.4	12,300	250
260							25.2	284.8	11,200	260
270							17.9	258.3	9,900 *	270



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 190 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
75	75.8	424.2	34,500 *c							75
80	74.5	422.8	33,600 *c							80
85	73.2	421.3	32,800 *c							85
90	71.9	419.7	32,000 *c							90
95	70.6	417.9	31,100 *c							95
100	69.3	416.0	30,200 *c							100
105	67.9	413.9	29,200 *b							105
110	66.6	411.7	28,300 *b	71.0	417.1	36,100 *c				110
115	65.2	409.4	27,300 *b	69.7	415.2	35,700 *c				115
120	63.8	406.9	26,300 *b	68.4	413.2	35,200 *b				120
125	62.5	404.3	25,300 *b	67.0	411.1	34,600 *b				125
130	61.0	401.5	24,400 *b	65.7	408.8	34,000 *b				130
135	59.6	398.6	23,400 *b	64.3	406.4	33,300 *b				135
140	58.2	395.4	22,500 *b	62.9	403.8	32,500 *b				140
145	56.7	392.1	21,500 *b	61.5	401.1	31,700 *b				145
150	55.2	388.6	20,600 *	60.1	398.2	30,800 *b				150
155	53.6	384.9	19,700 *	58.7	395.1	30,000 *b				155
160	52.1	381.0	18,900 *	57.2	391.9	29,000 *b				160
165	50.5	376.9	18,000 *	55.7	388.4	27,100 *b				165
170	48.8	372.5	17,200 *	54.2	384.8	25,400 *	61.9	396.5	25,100 b	170
175	47.1	367.9	16,500 *	52.6	381.0	23,700 *	60.5	393.6	23,900 b	175
180	45.4	363.0	15,700 *	51.0	376.9	22,200 *	59.0	390.6	22,800 b	180
185	43.6	357.7	15,000 *	49.4	372.6	20,800 *	57.6	387.4	21,700 b	185
190	41.8	352.1	14,300 *	47.7	368.1	19,500 *	56.1	384.0	20,700 b	190
195	39.8	346.2	13,700 *	46.0	363.2	18,200 *	54.6	380.5	19,800	195
200	37.8	339.8	13,100 *	44.2	358.1	17,100 *	53.0	376.7	18,900	200
205	35.7	332.9	12,500 *	42.4	352.6	16,000 *	51.4	372.7	18,000	205
210	33.5	325.4	11,900 *	40.5	346.8	15,000 *	49.8	368.5	17,200	210
215	31.2	317.2	11,100 *	38.5	340.6	14,000 *	48.2	364.0	16,400	215
220	28.6	308.2	10,300 *	36.5	333.8	13,100 *	46.5	359.2	15,700	220
230	22.7	286.6	8,900 *	32.0	318.7	11,400 *	42.9	348.8	14,300	230
240	14.7	255.5	7,000 *	26.8	300.3	9,800 *	39.1	336.9	13,000	240
250				20.4	276.4	8,400 *	34.9	323.2	11,800	250
260				10.7	238.4	6,700 *	30.2	307.0	10,800	260
270							24.6	287.0	9,300 *	270
280							17.5	259.8	8,000 *	280

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 200 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.4	433.6	30,000 * c							80
85	74.2	432.1	30,000 * c							85
90	73.0	430.6	29,700 * c							90
95	71.7	428.9	29,000 * c							95
100	70.5	427.1	28,200 * c							100
105	69.2	425.2	27,400 * b							105
110	67.9	423.1	26,600 * b							110
115	66.6	421.0	25,800 * b	70.9	426.3	30,000 * c				115
120	65.3	418.6	25,000 * b	69.6	424.4	30,000 * c				120
125	64.0	416.2	24,100 * b	68.3	422.4	30,000 * b				125
130	62.7	413.6	23,300 * b	67.1	420.3	30,000 * b				130
135	61.3	410.8	22,400 * b	65.8	418.0	30,000 * b				135
140	59.9	407.9	21,600 * b	64.5	415.6	30,000 * b				140
145	58.6	404.9	20,700 * b	63.1	413.1	29,700 * b				145
150	57.1	401.6	19,900 * b	61.8	410.4	29,000 * b				150
155	55.7	398.2	19,100 * b	60.4	407.5	28,300 * b				155
160	54.3	394.6	18,300 *	59.0	404.5	27,600 * b				160
165	52.8	390.8	17,500 *	57.6	401.3	26,800 * b				165
170	51.2	386.7	16,800 *	56.2	397.9	26,000 * b				170
175	49.7	382.5	16,100 *	54.8	394.4	24,900 *	62.1	405.8	23,500 b	175
180	48.1	378.0	15,400 *	53.3	390.7	23,200 *	60.8	403.0	22,300 b	180
185	46.5	373.3	14,700 *	51.8	386.7	21,600 *	59.4	400.0	21,300 b	185
190	44.8	368.2	14,100 *	50.2	382.5	20,200 *	58.0	396.8	20,300 b	190
195	43.1	362.9	13,400 *	48.7	378.1	18,800 *	56.6	393.5	19,300 b	195
200	41.3	357.2	12,800 *	47.0	373.5	17,500 *	55.1	390.0	18,400	200
205	39.4	351.1	12,300 *	45.4	368.5	16,300 *	53.7	386.3	17,500	205
210	37.5	344.6	11,700 *	43.7	363.3	15,200 *	52.2	382.5	16,700	210
215	35.4	337.7	11,100 *	41.9	357.7	14,200 *	50.6	378.3	15,900	215
220	33.3	330.1	10,300 *	40.1	351.8	13,200 *	49.1	374.0	15,200	220
230	28.6	312.9	8,700 *	36.2	338.7	11,400 *	45.8	364.5	13,800	230
240	23.0	291.4	7,300 *	31.8	323.4	9,800 *	42.4	353.9	12,600	240
250	15.5	261.4	5,700 *	26.9	305.0	8,300 *	38.7	341.9	11,400	250
260				20.8	281.4	6,900 *	34.6	328.0	10,300	260
270				12.0	245.6	5,500 *	30.1	311.7	9,200 *	270
280							24.8	291.7	7,800 *	280
290							18.1	265.1	6,500 *	290
300							5.7	214.0	5,200 *	300



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	74.9	412.1	36,200 *b							80
85	73.5	410.5	35,300 *							85
90	72.2	408.8	34,400 *							90
95	70.8	406.9	33,400 *							95
100	69.4	404.9	32,300 *							100
105	68.0	402.7	31,300 *							105
110	66.6	400.4	30,200 *							110
115	65.1	398.0	29,200 *	69.9	404.2	38,700 *				115
120	63.7	395.3	28,100 *	68.5	402.0	37,900 *				120
125	62.2	392.6	27,000 *	67.1	399.8	37,000 *				125
130	60.7	389.6	25,900 *	65.6	397.4	36,000 *				130
135	59.2	386.5	24,900 *	64.2	394.8	35,100 *				135
140	57.6	383.1	23,900 *	62.7	392.1	34,300 *				140
145	56.0	379.6	22,900 *	61.2	389.2	33,500 *				145
150	54.4	375.9	21,900 *	59.7	386.1	32,700 *				150
155	52.8	371.9	20,900 *	58.2	382.9	31,900 *				155
160	51.1	367.7	20,000 *	56.6	379.4	30,800 *				160
165	49.4	363.2	19,200 *	55.0	375.7	29,600 *				165
170	47.6	358.4	18,300 *	53.3	371.8	27,800 *	61.6	384.7	26,800	170
175	45.7	353.4	17,500 *	51.7	367.7	26,100 *	60.1	381.6	25,600	175
180	43.8	348.0	16,700 *	50.0	363.3	24,600 *	58.6	378.4	24,400	180
185	41.9	342.2	16,000 *	48.2	358.7	23,100 *	57.0	375.0	23,400	185
190	39.8	335.9	15,300 *	46.4	353.7	21,800 *	55.4	371.4	22,400	190
195	37.6	329.2	14,600 *	44.5	348.4	20,500 *	53.8	367.6	21,400	195
200	35.4	321.9	14,000 *	42.5	342.8	19,400 *	52.1	363.5	20,500	200
205	32.9	314.0	13,400 *	40.5	336.7	18,300 *	50.4	359.2	19,600	205
210	30.3	305.2	12,800 *	38.4	330.2	17,200 *	48.7	354.6	18,800	210
215	27.4	295.3	12,200 *	36.2	323.1	16,200 *	46.9	349.7	18,000	215
220	24.2	283.9	11,700 *	33.8	315.4	15,300 *	45.0	344.5	17,200	220
230	15.9	253.2	10,400 *	28.5	297.4	13,600 *	41.0	333.0	15,800	230
240				21.9	273.9	12,000 *	36.7	319.7	14,600	240
250				11.7	236.0	10,000 *	31.9	303.8	13,400	250
260							26.2	284.2	12,300	260
270							18.8	257.4	11,200	270

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.6	422.6	33,900 *b							80
85	74.3	421.0	33,100 *							85
90	73.0	419.4	32,300 *							90
95	71.7	417.6	31,400 *							95
100	70.3	415.7	30,500 *							100
105	69.0	413.6	29,600 *							105
110	67.7	411.4	28,700 *							110
115	66.3	409.1	27,700 *	70.8	414.9	36,100 *				115
120	64.9	406.6	26,800 *	69.5	412.9	35,600 *				120
125	63.5	404.0	25,800 *	68.1	410.8	35,000 *				125
130	62.1	401.2	24,900 *	66.8	408.5	34,400 *				130
135	60.7	398.3	23,900 *	65.4	406.1	33,700 *				135
140	59.2	395.1	23,000 *	64.0	403.5	33,000 *				140
145	57.7	391.8	22,100 *	62.6	400.7	32,200 *				145
150	56.2	388.3	21,200 *	61.2	397.8	31,300 *				150
155	54.7	384.6	20,300 *	59.7	394.8	30,500 *				155
160	53.1	380.7	19,400 *	58.2	391.5	29,500 *				160
165	51.5	376.6	18,600 *	56.7	388.1	28,600 *				165
170	49.9	372.2	17,800 *	55.2	384.5	27,300 *	63.0	396.2	26,400	170
175	48.2	367.5	17,000 *	53.7	380.6	25,700 *	61.5	393.3	25,200	175
180	46.4	362.6	16,300 *	52.1	376.6	24,100 *	60.1	390.3	24,100	180
185	44.6	357.3	15,600 *	50.4	372.3	22,700 *	58.6	387.1	23,000	185
190	42.8	351.7	14,900 *	48.8	367.7	21,300 *	57.1	383.7	22,000	190
195	40.9	345.7	14,300 *	47.0	362.9	20,100 *	55.6	380.1	21,000	195
200	38.9	339.3	13,600 *	45.3	357.7	18,900 *	54.1	376.3	20,100	200
205	36.7	332.4	13,100 *	43.4	352.2	17,800 *	52.5	372.3	19,300	205
210	34.5	324.9	12,500 *	41.5	346.4	16,800 *	50.9	368.1	18,400	210
215	32.1	316.7	11,900 *	39.6	340.1	15,800 *	49.2	363.6	17,600	215
220	29.6	307.6	11,400 *	37.5	333.4	14,800 *	47.5	358.8	16,900	220
230	23.7	285.9	10,500 *	33.0	318.1	13,100 *	43.9	348.4	15,500	230
240	15.5	254.4	8,600 *	27.8	299.7	11,500 *	40.1	336.5	14,200	240
250				21.4	275.6	10,100 *	35.9	322.7	13,000	250
260				11.4	236.8	8,300 *	31.1	306.5	11,900	260
270							25.6	286.3	10,900	270
280							18.4	258.9	9,600 *	280



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 180 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	74.9	431.5	30,800 * ^b							85
90	73.7	429.9	30,100 *							90
95	72.5	428.2	29,400 *							95
100	71.2	426.4	28,600 *							100
105	69.9	424.4	27,800 *							105
110	68.6	422.4	27,000 *							110
115	67.3	420.1	26,200 *							115
120	66.0	417.8	25,400 *	70.4	423.7	33,000 *				120
125	64.7	415.3	24,500 *	69.1	421.6	32,600 *				125
130	63.4	412.7	23,700 *	67.8	419.5	32,100 *				130
135	62.0	409.9	22,800 *	66.5	417.2	31,600 *				135
140	60.6	406.9	22,000 *	65.2	414.7	31,000 *				140
145	59.2	403.8	21,100 *	63.8	412.1	30,300 *				145
150	57.8	400.5	20,300 *	62.5	409.4	29,600 *				150
155	56.4	397.0	19,500 *	61.1	406.5	28,900 *				155
160	54.9	393.4	18,700 *	59.7	403.4	28,100 *				160
165	53.4	389.5	17,900 *	58.3	400.2	27,300 *				165
170	51.9	385.4	17,200 *	56.9	396.8	26,500 *				170
175	50.3	381.1	16,500 *	55.4	393.2	25,000 *	62.8	404.8	24,600	175
180	48.7	376.5	15,800 *	53.9	389.4	23,500 *	61.5	402.0	23,500	180
185	47.1	371.7	15,100 *	52.4	385.4	22,100 *	60.1	399.0	22,400	185
190	45.4	366.6	14,500 *	50.9	381.2	20,700 *	58.7	395.8	21,400	190
195	43.6	361.2	13,800 *	49.3	376.7	19,500 *	57.3	392.4	20,500	195
200	41.8	355.4	13,200 *	47.6	372.0	18,300 *	55.8	388.9	19,600	200
205	39.9	349.2	12,700 *	46.0	367.0	17,200 *	54.3	385.1	18,700	205
210	38.0	342.6	12,100 *	44.2	361.6	16,100 *	52.8	381.2	17,900	210
215	35.9	335.5	11,600 *	42.4	356.0	15,200 *	51.3	377.0	17,100	215
220	33.7	327.8	11,100 *	40.6	349.9	14,200 *	49.7	372.6	16,400	220
230	28.9	310.0	10,000 *	36.6	336.5	12,500 *	46.4	363.0	15,000	230
240	23.1	287.7	8,600 *	32.2	320.9	10,900 *	42.9	352.2	13,700	240
250	15.1	255.5	6,900 *	27.1	301.9	9,500 *	39.2	339.9	12,500	250
260				20.9	277.3	8,200 *	35.1	325.7	11,400	260
270				11.1	237.6	6,600 *	30.4	309.0	10,400	270
280							25.0	288.4	9,000 *	280
290							17.9	260.3	7,800 *	290

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 190 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.8	442.3	28,800 *b							85
90	74.7	440.8	28,100 *							90
95	73.5	439.2	27,500 *							95
100	72.3	437.5	26,900 *							100
105	71.0	435.6	26,200 *							105
110	69.8	433.7	25,500 *							110
115	68.6	431.6	24,700 *							115
120	67.3	429.4	24,000 *							120
125	66.1	427.0	23,200 *	70.2	432.9	30,300 *				125
130	64.8	424.6	22,500 *	69.0	430.9	29,900 *				130
135	63.5	421.9	21,700 *	67.8	428.7	29,400 *				135
140	62.2	419.2	21,000 *	66.5	426.4	29,000 *				140
145	60.9	416.3	20,200 *	65.3	424.0	28,500 *				145
150	59.6	413.2	19,500 *	64.0	421.4	27,900 *				150
155	58.2	410.0	18,700 *	62.7	418.7	27,300 *				155
160	56.9	406.6	18,000 *	61.4	415.9	26,600 *				160
165	55.5	403.0	17,300 *	60.0	412.8	25,900 *				165
170	54.0	399.2	16,600 *	58.7	409.7	25,200 *				170
175	52.6	395.2	15,900 *	57.3	406.3	24,400 *				175
180	51.1	391.0	15,300 *	55.9	402.8	22,900 *	63.0	414.1	23,000	180
185	49.6	386.6	14,700 *	54.5	399.1	21,500 *	61.7	411.3	21,900	185
190	48.0	381.9	14,100 *	53.1	395.2	20,100 *	60.4	408.3	20,900	190
195	46.4	377.0	13,500 *	51.6	391.1	18,900 *	59.1	405.2	20,000	195
200	44.8	371.8	12,900 *	50.1	386.7	17,700 *	57.7	401.9	19,100	200
205	43.1	366.3	12,300 *	48.6	382.1	16,600 *	56.3	398.4	18,200	205
210	41.3	360.4	11,800 *	47.0	377.3	15,500 *	54.9	394.8	17,400	210
215	39.5	354.1	11,300 *	45.4	372.2	14,600 *	53.5	390.9	16,600	215
220	37.6	347.5	10,800 *	43.7	366.8	13,600 *	52.0	386.8	15,900	220
230	33.5	332.5	9,400 *	40.1	354.9	11,900 *	49.0	378.0	14,500	230
240	28.9	314.7	8,100 *	36.3	341.4	10,400 *	45.8	368.2	13,200	240
250	23.4	292.6	6,800 *	32.1	325.6	9,000 *	42.4	357.2	12,000	250
260	15.9	261.5	5,200 *	27.2	306.6	7,700 *	38.8	344.8	11,000	260
270				21.2	282.4	6,500 *	34.8	330.5	9,800 *	270
280				12.4	245.1	5,000 *	30.3	313.7	8,500 *	280
290							25.1	293.1	7,200 *	290
300							18.5	265.7	6,000 *	300



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 200 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.3	451.2	26,100 * ^b							90
95	74.1	449.7	25,600 *							95
100	73.0	448.0	25,000 *							100
105	71.8	446.3	24,400 *							105
110	70.6	444.4	23,800 *							110
115	69.5	442.4	23,200 *							115
120	68.3	440.3	22,600 *							120
125	67.1	438.1	21,900 *							125
130	65.9	435.7	21,300 *	69.9	441.7	27,500 *				130
135	64.6	433.2	20,600 *	68.7	439.6	27,200 *				135
140	63.4	430.6	19,900 *	67.5	437.4	26,800 *				140
145	62.2	427.8	19,300 *	66.3	435.1	26,400 *				145
150	60.9	424.9	18,600 *	65.1	432.7	26,000 *				150
155	59.6	421.9	18,000 *	63.8	430.1	25,500 *				155
160	58.3	418.6	17,300 *	62.6	427.4	25,000 *				160
165	57.0	415.3	16,700 *	61.3	424.5	24,400 *				165
170	55.6	411.7	16,000 *	60.0	421.5	23,900 *				170
175	54.3	408.0	15,400 *	58.8	418.3	23,200 *				175
180	52.9	404.0	14,800 *	57.4	415.0	22,600 *				180
185	51.5	399.9	14,200 *	56.1	411.5	22,000 *	62.9	422.8	21,500	185
190	50.0	395.6	13,600 *	54.7	407.8	20,900 *	61.7	420.0	20,500	190
195	48.5	391.0	13,100 *	53.4	404.0	19,500 *	60.4	417.0	19,500	195
200	47.0	386.2	12,600 *	52.0	399.9	18,200 *	59.1	413.9	18,600	200
205	45.5	381.1	12,000 *	50.5	395.6	17,000 *	57.8	410.6	17,700	205
210	43.8	375.7	11,500 *	49.0	391.1	15,900 *	56.4	407.1	16,900	210
215	42.2	370.0	11,100 *	47.5	386.4	14,800 *	55.1	403.5	16,100	215
220	40.5	364.0	10,600 *	46.0	381.4	13,800 *	53.7	399.7	15,400	220
230	36.8	350.6	9,300 *	42.8	370.6	12,000 *	50.9	391.5	14,000	230
240	32.8	335.3	7,900 *	39.3	358.3	10,300 *	47.9	382.4	12,700	240
250	28.3	317.1	6,600 *	35.6	344.4	8,800 *	44.8	372.2	11,600	250
260	22.9	294.5	5,400 *	31.4	328.2	7,500 *	41.5	360.9	10,500	260
270	15.6	262.7	4,000 *	26.6	308.8	6,200 *	38.0	348.1	9,500	270
280				20.8	284.0	5,000 *	34.1	333.4	8,300 *	280
290							29.7	316.2	7,000 *	290
300							24.6	295.2	5,800 *	300
310							18.1	267.1	4,700 *	310

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 160 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.6	431.4	30,600 *							85
90	74.4	429.8	30,000 *							90
95	73.1	428.1	29,300 *							95
100	71.9	426.3	28,600 *							100
105	70.6	424.3	27,900 *							105
110	69.3	422.2	27,100 *							110
115	68.0	420.0	26,300 *							115
120	66.7	417.7	25,500 *							120
125	65.4	415.2	24,700 *	69.8	421.5	30,700 *				125
130	64.1	412.5	23,900 *	68.5	419.4	29,800 *				130
135	62.7	409.7	23,100 *	67.2	417.1	29,100 *				135
140	61.3	406.8	22,300 *	65.8	414.6	28,300 *				140
145	59.9	403.7	21,500 *	64.5	412.0	27,600 *				145
150	58.5	400.4	20,700 *	63.2	409.3	26,900 *				150
155	57.1	396.9	19,900 *	61.8	406.4	26,200 *				155
160	55.6	393.2	19,200 *	60.4	403.3	25,600 *				160
165	54.1	389.4	18,400 *	59.0	400.1	25,000 *				165
170	52.6	385.3	17,700 *	57.6	396.7	24,400 *				170
175	51.0	381.0	17,000 *	56.1	393.1	23,900 *				175
180	49.4	376.4	16,300 *	54.6	389.3	23,300 *	62.1	401.9	24,500	180
185	47.7	371.6	15,600 *	53.1	385.3	22,800 *	60.8	398.8	23,400	185
190	46.1	366.5	15,000 *	51.5	381.0	22,200 *	59.4	395.6	22,400	190
195	44.3	361.0	14,400 *	49.9	376.6	20,900 *	57.9	392.3	21,400	195
200	42.5	355.2	13,800 *	48.3	371.8	19,700 *	56.5	388.7	20,500	200
205	40.6	349.1	13,200 *	46.6	366.8	18,600 *	55.0	385.0	19,600	205
210	38.6	342.4	12,700 *	44.9	361.5	17,600 *	53.5	381.0	18,800	210
215	36.6	335.3	12,200 *	43.1	355.8	16,600 *	51.9	376.9	18,000	215
220	34.4	327.6	11,700 *	41.3	349.8	15,600 *	50.4	372.4	17,300	220
230	29.6	309.8	10,700 *	37.3	336.4	13,900 *	47.1	362.8	15,900	230
240	23.8	287.5	9,900 *	32.9	320.7	12,300 *	43.6	352.0	14,600	240
250	15.7	255.1	8,200 *	27.8	301.7	10,900 *	39.8	339.7	13,400	250
260				21.5	277.0	9,600 *	35.7	325.6	12,400	260
270				11.7	236.9	7,900 *	31.1	308.8	11,300	270
280							25.6	288.1	10,400	280
290							18.6	259.9	9,100 *	290



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.3	440.7	28,100 *							90
95	74.1	439.1	27,500 *							95
100	72.9	437.3	26,900 *							100
105	71.7	435.5	26,300 *							105
110	70.5	433.6	25,600 *							110
115	69.2	431.5	24,900 *							115
120	68.0	429.3	24,200 *							120
125	66.7	426.9	23,500 *	70.9	432.8	29,600 *				125
130	65.5	424.4	22,800 *	69.7	430.8	28,800 *				130
135	64.2	421.8	22,100 *	68.4	428.6	28,100 *				135
140	62.9	419.1	21,300 *	67.2	426.3	27,300 *				140
145	61.6	416.1	20,600 *	65.9	423.9	26,700 *				145
150	60.2	413.1	19,900 *	64.6	421.3	26,000 *				150
155	58.9	409.8	19,200 *	63.3	418.6	25,400 *				155
160	57.5	406.4	18,500 *	62.0	415.7	24,800 *				160
165	56.1	402.8	17,800 *	60.7	412.7	24,200 *				165
170	54.7	399.1	17,100 *	59.4	409.5	23,600 *				170
175	53.2	395.1	16,400 *	58.0	406.2	23,100 *				175
180	51.7	390.9	15,800 *	56.6	402.7	22,600 *				180
185	50.2	386.5	15,200 *	55.2	399.0	22,200 *	62.4	411.2	23,100	185
190	48.7	381.8	14,600 *	53.7	395.0	21,700 *	61.0	408.2	22,100	190
195	47.1	376.9	14,000 *	52.3	390.9	20,400 *	59.7	405.1	21,100	195
200	45.4	371.7	13,400 *	50.7	386.6	19,300 *	58.3	401.8	20,200	200
205	43.7	366.1	12,900 *	49.2	382.0	18,100 *	57.0	398.3	19,400	205
210	42.0	360.2	12,300 *	47.6	377.2	17,100 *	55.5	394.6	18,500	210
215	40.1	354.0	11,800 *	46.0	372.0	16,100 *	54.1	390.8	17,800	215
220	38.2	347.3	11,300 *	44.3	366.6	15,200 *	52.6	386.7	17,000	220
230	34.1	332.3	10,400 *	40.8	354.7	13,400 *	49.6	377.9	15,600	230
240	29.5	314.5	9,500 *	36.9	341.2	11,900 *	46.4	368.1	14,300	240
250	24.0	292.3	8,300 *	32.7	325.4	10,500 *	43.0	357.1	13,200	250
260	16.5	261.1	6,600 *	27.8	306.4	9,100 *	39.4	344.6	12,100	260
270				21.8	282.0	7,900 *	35.4	330.3	11,100	270
280				13.0	244.5	6,400 *	31.0	313.5	10,000 *	280
290							25.8	292.9	8,700 *	290
300							19.1	265.3	7,500 *	300

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 180 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.9	451.1	26,200 *							90
95	74.7	449.6	25,700 *							95
100	73.6	447.9	25,100 *							100
105	72.4	446.2	24,600 *							105
110	71.3	444.3	24,000 *							110
115	70.1	442.3	23,500 *							115
120	68.9	440.2	22,900 *							120
125	67.7	438.0	22,200 *							125
130	66.5	435.6	21,600 *	70.5	441.6	27,700 *				130
135	65.3	433.1	21,000 *	69.3	439.5	27,400 *				135
140	64.0	430.5	20,300 *	68.1	437.3	27,100 *				140
145	62.8	427.7	19,700 *	66.9	435.0	26,700 *				145
150	61.5	424.8	19,000 *	65.7	432.5	26,100 *				150
155	60.2	421.7	18,400 *	64.5	430.0	25,500 *				155
160	58.9	418.5	17,700 *	63.2	427.2	24,900 *				160
165	57.6	415.1	17,100 *	61.9	424.4	24,300 *				165
170	56.3	411.6	16,500 *	60.7	421.4	23,800 *				170
175	54.9	407.8	15,900 *	59.4	418.2	23,300 *				175
180	53.5	403.9	15,300 *	58.1	414.9	22,800 *				180
185	52.1	399.8	14,700 *	56.7	411.4	22,300 *				185
190	50.6	395.4	14,100 *	55.4	407.7	21,800 *	62.3	419.8	21,500	190
195	49.2	390.8	13,600 *	54.0	403.8	21,100 *	61.0	416.9	20,600	195
200	47.6	386.0	13,000 *	52.6	399.8	19,900 *	59.7	413.7	19,700	200
205	46.1	380.9	12,500 *	51.1	395.5	18,600 *	58.4	410.4	18,800	205
210	44.5	375.5	12,000 *	49.7	391.0	17,500 *	57.1	407.0	18,000	210
215	42.8	369.8	11,500 *	48.2	386.3	16,400 *	55.7	403.4	17,200	215
220	41.1	363.8	11,100 *	46.6	381.3	15,400 *	54.3	399.6	16,500	220
230	37.4	350.5	10,200 *	43.4	370.4	13,600 *	51.5	391.3	15,100	230
240	33.4	335.1	9,400 *	39.9	358.2	11,900 *	48.5	382.2	13,800	240
250	28.9	316.9	8,100 *	36.2	344.2	10,400 *	45.4	372.1	12,600	250
260	23.4	294.2	6,900 *	32.0	328.0	9,000 *	42.1	360.7	11,600	260
270	16.1	262.3	5,500 *	27.2	308.6	7,700 *	38.6	347.9	10,600	270
280				21.3	283.7	6,600 *	34.7	333.2	9,600	280
290				12.7	245.4	5,300 *	30.3	316.0	8,500 *	290
300							25.2	294.9	7,300 *	300
310							18.7	266.7	6,200 *	310
320							5.9	209.4	5,000 *	320



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 190 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.3	460.0	24,000 *							95
100	74.2	458.5	23,500 *							100
105	73.1	456.8	23,000 *							105
110	72.0	455.0	22,500 *							110
115	70.9	453.1	22,000 *							115
120	69.7	451.1	21,500 *							120
125	68.6	448.9	21,000 *							125
130	67.4	446.7	20,400 *							130
135	66.3	444.3	19,800 *	70.1	450.3	25,500 *				135
140	65.1	441.8	19,300 *	69.0	448.2	25,200 *				140
145	63.9	439.1	18,700 *	67.8	446.0	24,900 *				145
150	62.7	436.4	18,100 *	66.7	443.7	24,600 *				150
155	61.5	433.5	17,500 *	65.5	441.2	24,200 *				155
160	60.2	430.4	16,900 *	64.3	438.6	23,800 *				160
165	59.0	427.2	16,400 *	63.1	435.9	23,300 *				165
170	57.7	423.8	15,800 *	61.9	433.0	22,900 *				170
175	56.4	420.3	15,200 *	60.6	430.0	22,400 *				175
180	55.1	416.6	14,700 *	59.4	426.9	21,900 *				180
185	53.8	412.7	14,100 *	58.1	423.6	21,300 *				185
190	52.4	408.6	13,600 *	56.9	420.1	20,800 *				190
195	51.0	404.3	13,100 *	55.5	416.4	20,200 *	62.2	428.5	20,100	195
200	49.6	399.8	12,600 *	54.2	412.6	19,300 *	61.0	425.5	19,200	200
205	48.1	395.1	12,100 *	52.9	408.6	18,000 *	59.7	422.4	18,300	205
210	46.7	390.1	11,600 *	51.5	404.4	16,900 *	58.5	419.1	17,500	210
215	45.1	384.9	11,200 *	50.1	400.0	15,800 *	57.2	415.7	16,700	215
220	43.6	379.3	10,700 *	48.6	395.3	14,800 *	55.9	412.1	16,000	220
230	40.2	367.2	9,900 *	45.7	385.3	13,000 *	53.2	404.4	14,600	230
240	36.7	353.6	8,800 *	42.5	374.1	11,300 *	50.5	395.8	13,300	240
250	32.7	337.8	7,500 *	39.1	361.5	9,800 *	47.6	386.4	12,200	250
260	28.3	319.2	6,400 *	35.4	347.2	8,400 *	44.5	376.0	11,100	260
270	23.0	296.0	5,300 *	31.3	330.6	7,200 *	41.3	364.3	10,100	270
280				26.6	310.8	6,000 *	37.8	351.1	9,200	280
290				20.9	285.3	4,900 *	34.0	336.1	8,000 *	290
300							29.7	318.4	6,700 *	300
310							24.7	296.9	5,600 *	310
320							18.3	268.1	4,600 *	320

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 200 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.9	470.5	22,300 *							95
100	74.8	468.9	21,900 *							100
105	73.7	467.3	21,400 *							105
110	72.7	465.6	21,000 *							110
115	71.6	463.8	20,600 *							115
120	70.5	461.8	20,100 *							120
125	69.4	459.8	19,600 *							125
130	68.3	457.6	19,100 *							130
135	67.2	455.4	18,600 *	70.9	461.1	23,500 *				135
140	66.0	453.0	18,100 *	69.8	459.1	23,300 *				140
145	64.9	450.4	17,600 *	68.7	457.0	23,100 *				145
150	63.7	447.8	17,100 *	67.5	454.7	22,800 *				150
155	62.6	445.0	16,600 *	66.4	452.4	22,500 *				155
160	61.4	442.1	16,100 *	65.3	449.9	22,200 *				160
165	60.2	439.1	15,500 *	64.1	447.3	21,800 *				165
170	59.0	435.9	15,000 *	63.0	444.5	21,400 *				170
175	57.8	432.5	14,500 *	61.8	441.7	21,000 *				175
180	56.5	429.0	14,000 *	60.6	438.7	20,600 *				180
185	55.3	425.3	13,500 *	59.4	435.5	20,100 *				185
190	54.0	421.5	13,000 *	58.2	432.2	19,700 *				190
195	52.7	417.5	12,500 *	57.0	428.8	19,200 *				195
200	51.4	413.2	12,100 *	55.7	425.2	18,600 *	62.1	437.1	18,600	200
205	50.0	408.8	11,600 *	54.4	421.4	17,400 *	60.9	434.2	17,800	205
210	48.6	404.2	11,200 *	53.1	417.4	16,300 *	59.7	431.1	17,000	210
215	47.2	399.3	10,700 *	51.8	413.3	15,200 *	58.5	427.8	16,200	215
220	45.7	394.1	10,300 *	50.5	408.9	14,200 *	57.3	424.4	15,400	220
230	42.7	383.0	9,500 *	47.7	399.5	12,300 *	54.8	417.1	14,100	230
240	39.5	370.6	8,200 *	44.8	389.2	10,700 *	52.2	409.1	12,800	240
250	36.0	356.6	6,900 *	41.7	377.7	9,200 *	49.5	400.2	11,600	250
260	32.1	340.5	5,700 *	38.3	364.8	7,800 *	46.6	390.5	10,600	260
270	27.7	321.4	4,700 *	34.7	350.1	6,500 *	43.6	379.8	9,600	270
280				30.7	333.2	5,400 *	40.5	367.8	8,700 *	280
290				26.1	312.9	4,300 *	37.0	354.3	7,300 *	290
300							33.3	338.9	6,100 *	300
310							29.1	320.8	5,000 *	310
320							24.2	298.8	4,000 *	320



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 160 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.0	449.6	25,100 *							95
100	73.9	448.0	24,600 *							100
105	72.7	446.2	24,100 *							105
110	71.5	444.4	23,600 *							110
115	70.3	442.4	23,100 *							115
120	69.2	440.3	22,600 *							120
125	68.0	438.0	22,000 *							125
130	66.8	435.7	21,500 *	70.8	441.6	24,300 *				130
135	65.5	433.2	20,900 *	69.6	439.6	23,900 *				135
140	64.3	430.6	20,300 *	68.4	437.4	23,500 *				140
145	63.0	427.8	19,700 *	67.2	435.1	23,100 *				145
150	61.8	424.9	19,100 *	65.9	432.6	22,700 *				150
155	60.5	421.8	18,500 *	64.7	430.0	22,300 *				155
160	59.2	418.6	17,900 *	63.5	427.3	21,900 *				160
165	57.9	415.2	17,300 *	62.2	424.5	21,600 *				165
170	56.5	411.7	16,700 *	60.9	421.4	21,200 *				170
175	55.2	407.9	16,200 *	59.6	418.3	20,800 *				175
180	53.8	404.0	15,600 *	58.3	415.0	20,300 *				180
185	52.4	399.9	15,000 *	57.0	411.5	19,800 *				185
190	50.9	395.5	14,500 *	55.6	407.8	19,300 *	62.5	419.9	20,600 *	190
195	49.4	390.9	14,000 *	54.2	403.9	18,900 *	61.3	416.9	20,400 *	195
200	47.9	386.1	13,400 *	52.8	399.9	18,500 *	60.0	413.8	20,100 *	200
205	46.3	381.0	12,900 *	51.4	395.6	18,100 *	58.7	410.5	19,600	205
210	44.7	375.6	12,500 *	49.9	391.1	17,700 *	57.3	407.1	18,800	210
215	43.1	369.9	12,000 *	48.4	386.4	17,300 *	56.0	403.4	18,000	215
220	41.4	363.9	11,500 *	46.9	381.4	16,700 *	54.6	399.6	17,300	220
230	37.7	350.6	10,700 *	43.6	370.5	14,800 *	51.8	391.4	15,900	230
240	33.7	335.2	9,900 *	40.2	358.3	13,200 *	48.8	382.3	14,600	240
250	29.2	317.0	9,100 *	36.4	344.3	11,700 *	45.7	372.2	13,500	250
260	23.7	294.4	8,200 *	32.3	328.2	10,300 *	42.4	360.8	12,400	260
270	16.4	262.5	6,600 *	27.5	308.7	9,000 *	38.8	348.0	11,400	270
280				21.6	283.9	7,800 *	34.9	333.3	10,500	280
290				13.0	245.7	6,500 *	30.6	316.1	9,600	290
300							25.5	295.1	8,600 *	300
310							19.0	267.0	7,400 *	310
320							6.4	210.5	6,200 *	320

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 170 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.6	460.1	23,600 *							95
100	74.5	458.5	23,200 *							100
105	73.4	456.8	22,800 *							105
110	72.2	455.0	22,300 *							110
115	71.1	453.1	21,900 *							115
120	70.0	451.1	21,400 *							120
125	68.8	449.0	20,900 *							125
130	67.7	446.7	20,400 *							130
135	66.5	444.4	19,900 *	70.4	450.4	23,700 *				135
140	65.3	441.8	19,300 *	69.2	448.3	23,300 *				140
145	64.1	439.2	18,800 *	68.1	446.1	22,900 *				145
150	62.9	436.4	18,300 *	66.9	443.7	22,500 *				150
155	61.7	433.5	17,700 *	65.7	441.3	22,200 *				155
160	60.5	430.5	17,200 *	64.5	438.7	21,700 *				160
165	59.2	427.3	16,600 *	63.3	436.0	21,100 *				165
170	58.0	423.9	16,100 *	62.1	433.1	20,600 *				170
175	56.7	420.4	15,500 *	60.9	430.1	20,100 *				175
180	55.3	416.7	15,000 *	59.7	426.9	19,600 *				180
185	54.0	412.8	14,500 *	58.4	423.6	19,200 *				185
190	52.7	408.7	14,000 *	57.1	420.2	18,700 *				190
195	51.3	404.4	13,500 *	55.8	416.5	18,300 *	62.4	428.6	19,800 *	195
200	49.9	399.9	13,000 *	54.5	412.7	17,900 *	61.2	425.6	19,600 *	200
205	48.4	395.2	12,500 *	53.1	408.7	17,500 *	60.0	422.5	19,200	205
210	46.9	390.2	12,100 *	51.7	404.5	17,100 *	58.7	419.2	18,400	210
215	45.4	385.0	11,600 *	50.3	400.1	16,800 *	57.4	415.8	17,700	215
220	43.8	379.4	11,200 *	48.9	395.4	16,200 *	56.1	412.2	16,900	220
230	40.5	367.3	10,300 *	45.9	385.4	14,300 *	53.5	404.4	15,500	230
240	36.9	353.7	9,600 *	42.7	374.2	12,700 *	50.7	395.9	14,300	240
250	33.0	337.9	8,800 *	39.4	361.6	11,200 *	47.8	386.5	13,100	250
260	28.6	319.3	7,700 *	35.7	347.3	9,800 *	44.8	376.1	12,000	260
270	23.2	296.2	6,600 *	31.6	330.8	8,500 *	41.5	364.4	11,000	270
280	16.1	263.7	5,200 *	26.9	310.9	7,400 *	38.0	351.2	10,100	280
290				21.2	285.5	6,300 *	34.2	336.2	9,300	290
300				12.7	246.6	5,100 *	30.0	318.6	8,100 *	300
310							25.0	297.0	7,000 *	310
320							18.5	268.4	5,900 *	320
330							6.2	210.7	4,800 *	330



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 180 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.0	469.0	21,700 *							100
105	74.0	467.4	21,300 *							105
110	72.9	465.7	20,900 *							110
115	71.8	463.8	20,500 *							115
120	70.7	461.9	20,100 *							120
125	69.6	459.9	19,700 *							125
130	68.5	457.7	19,200 *							130
135	67.4	455.4	18,700 *							135
140	66.3	453.0	18,300 *	70.0	459.1	22,500 *				140
145	65.1	450.5	17,800 *	68.9	457.0	22,200 *				145
150	64.0	447.9	17,300 *	67.8	454.8	21,900 *				150
155	62.8	445.1	16,800 *	66.7	452.4	21,500 *				155
160	61.6	442.2	16,300 *	65.5	450.0	21,100 *				160
165	60.5	439.1	15,800 *	64.4	447.4	20,500 *				165
170	59.3	435.9	15,300 *	63.2	444.6	20,000 *				170
175	58.0	432.6	14,800 *	62.1	441.8	19,500 *				175
180	56.8	429.1	14,300 *	60.9	438.8	19,100 *				180
185	55.5	425.4	13,900 *	59.7	435.6	18,600 *				185
190	54.2	421.6	13,400 *	58.4	432.3	18,200 *				190
195	52.9	417.5	12,900 *	57.2	428.9	17,800 *				195
200	51.6	413.3	12,500 *	56.0	425.2	17,400 *	62.4	437.2	18,900 *	200
205	50.2	408.9	12,000 *	54.7	421.5	17,100 *	61.2	434.2	18,700 *	205
210	48.9	404.2	11,600 *	53.4	417.5	16,700 *	60.0	431.1	17,900 *	210
215	47.4	399.4	11,200 *	52.1	413.3	16,400 *	58.8	427.9	17,100 *	215
220	46.0	394.2	10,700 *	50.7	409.0	15,600 *	57.5	424.5	16,400 *	220
230	42.9	383.1	10,000 *	47.9	399.6	13,700 *	55.0	417.2	15,000 *	230
240	39.7	370.7	9,200 *	45.0	389.3	12,000 *	52.4	409.1	13,700 *	240
250	36.2	356.7	8,300 *	41.9	377.8	10,500 *	49.7	400.3	12,600 *	250
260	32.4	340.6	7,100 *	38.6	364.9	9,200 *	46.9	390.6	11,500 *	260
270	28.0	321.6	6,000 *	35.0	350.3	7,900 *	43.9	379.9	10,500 *	270
280	22.8	298.0	5,000 *	31.0	333.3	6,800 *	40.7	367.9	9,600 *	280
290				26.4	313.0	5,700 *	37.3	354.4	8,700 *	290
300				20.7	287.1	4,700 *	33.6	339.0	7,500 *	300
310							29.4	321.0	6,400 *	310
320							24.5	299.0	5,400 *	320
330							18.2	269.7	4,400 *	330

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 190 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.6	479.5	20,300 *							100
105	74.5	477.9	19,900 *							105
110	73.5	476.3	19,600 *							110
115	72.5	474.5	19,300 *							115
120	71.4	472.6	18,900 *							120
125	70.4	470.7	18,500 *							125
130	69.3	468.6	18,100 *							130
135	68.2	466.4	17,700 *							135
140	67.2	464.1	17,300 *	70.7	469.9	21,500 *				140
145	66.1	461.7	16,800 *	69.7	467.9	21,300 *				145
150	65.0	459.2	16,400 *	68.6	465.7	21,100 *				150
155	63.8	456.5	15,900 *	67.5	463.5	20,800 *				155
160	62.7	453.7	15,500 *	66.4	461.1	20,400 *				160
165	61.6	450.8	15,000 *	65.3	458.6	19,900 *				165
170	60.4	447.8	14,600 *	64.2	456.0	19,400 *				170
175	59.3	444.6	14,200 *	63.1	453.3	18,900 *				175
180	58.1	441.3	13,700 *	62.0	450.4	18,500 *				180
185	56.9	437.8	13,300 *	60.8	447.4	18,100 *				185
190	55.7	434.1	12,800 *	59.7	444.3	17,700 *				190
195	54.5	430.3	12,400 *	58.5	441.0	17,300 *				195
200	53.2	426.4	12,000 *	57.3	437.6	16,900 *				200
205	51.9	422.2	11,500 *	56.1	434.0	16,600 *	62.3	445.9	17,900 *	205
210	50.6	417.8	11,100 *	54.9	430.2	16,200 *	61.1	442.9	17,400	210
215	49.3	413.3	10,700 *	53.6	426.3	15,900 *	60.0	439.8	16,600	215
220	47.9	408.5	10,400 *	52.4	422.2	15,000 *	58.8	436.6	15,900	220
230	45.1	398.2	9,600 *	49.7	413.4	13,100 *	56.4	429.6	14,500	230
240	42.1	386.8	8,900 *	47.0	403.8	11,400 *	54.0	422.0	13,300	240
250	39.0	374.1	7,700 *	44.1	393.1	9,900 *	51.4	413.7	12,100	250
260	35.5	359.7	6,500 *	41.1	381.3	8,600 *	48.7	404.6	11,000	260
270	31.7	343.2	5,500 *	37.9	368.1	7,300 *	46.0	394.6	10,100	270
280	27.4	323.8	4,400 *	34.3	353.1	6,200 *	43.0	383.6	9,100	280
290				30.4	335.8	5,100 *	39.9	371.3	8,100 *	290
300				25.9	315.1	4,100 *	36.6	357.5	6,900 *	300
310							32.9	341.7	5,800 *	310
320							28.8	323.3	4,800 *	320



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 200 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
105	75.1	488.4	18,600 *							105
110	74.1	486.8	18,200 *							110
115	73.1	485.1	17,900 *							115
120	72.1	483.3	17,600 *							120
125	71.1	481.4	17,300 *							125
130	70.0	479.4	16,900 *							130
135	69.0	477.3	16,500 *							135
140	68.0	475.1	16,200 *							140
145	66.9	472.8	15,800 *	70.4	478.7	19,800 *				145
150	65.9	470.4	15,400 *	69.4	476.6	19,600 *				150
155	64.8	467.8	15,000 *	68.3	474.5	19,400 *				155
160	63.7	465.2	14,600 *	67.3	472.2	19,200 *				160
165	62.6	462.4	14,200 *	66.2	469.8	19,000 *				165
170	61.5	459.5	13,800 *	65.2	467.3	18,700 *				170
175	60.4	456.4	13,400 *	64.1	464.7	18,500 *				175
180	59.3	453.3	13,000 *	63.0	461.9	18,000 *				180
185	58.2	449.9	12,600 *	61.9	459.1	17,600 *				185
190	57.0	446.5	12,200 *	60.8	456.1	17,300 *				190
195	55.8	442.9	11,800 *	59.7	452.9	16,900 *				195
200	54.6	439.1	11,400 *	58.6	449.7	16,500 *				200
205	53.4	435.2	11,000 *	57.4	446.3	16,200 *				205
210	52.2	431.0	10,600 *	56.2	442.7	15,900 *	62.2	454.5	16,900 *	210
215	51.0	426.7	10,300 *	55.1	439.0	15,400 *	61.1	451.6	16,100	215
220	49.7	422.2	9,900 *	53.9	435.1	14,300 *	60.0	448.5	15,400	220
230	47.0	412.6	9,200 *	51.4	426.8	12,500 *	57.7	441.9	14,000	230
240	44.3	402.0	8,400 *	48.8	417.7	10,800 *	55.4	434.7	12,700	240
250	41.4	390.3	7,100 *	46.2	407.8	9,300 *	53.0	426.8	11,600	250
260	38.2	377.3	5,900 *	43.3	396.9	8,000 *	50.5	418.2	10,500	260
270	34.9	362.7	4,800 *	40.4	384.8	6,700 *	47.8	408.9	9,500	270
280				37.2	371.3	5,600 *	45.1	398.6	8,600	280
290				33.7	356.0	4,500 *	42.3	387.3	7,500 *	290
300							39.2	374.7	6,300 *	300
310							35.9	360.5	5,200 *	310
320							32.3	344.4	4,200 *	320

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 160 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.0	469.2	20,300 *							100
105	73.9	467.5	19,800 *							105
110	72.8	465.8	19,400 *							110
115	71.8	464.0	19,000 *							115
120	70.7	462.1	18,700 *							120
125	69.6	460.0	18,300 *							125
130	68.5	457.9	17,900 *							130
135	67.4	455.6	17,500 *							135
140	66.2	453.2	17,000 *	70.0	459.3	17,900 *				140
145	65.1	450.7	16,700 *	68.8	457.2	17,500 *				145
150	63.9	448.0	16,300 *	67.7	454.9	17,100 *				150
155	62.8	445.2	15,900 *	66.6	452.6	16,800 *				155
160	61.6	442.3	15,600 *	65.5	450.1	16,400 *				160
165	60.4	439.3	15,300 *	64.3	447.5	16,100 *				165
170	59.2	436.1	15,000 *	63.2	444.8	15,800 *				170
175	58.0	432.8	14,700 *	62.0	441.9	15,500 *				175
180	56.7	429.2	14,300 *	60.8	438.9	15,200 *				180
185	55.5	425.6	13,900 *	59.6	435.8	14,900 *				185
190	54.2	421.7	13,400 *	58.4	432.5	14,500 *				190
195	52.9	417.7	13,000 *	57.2	429.0	14,300 *				195
200	51.6	413.5	12,600 *	55.9	425.4	14,000 *	62.3	437.4	14,800 *	200
205	50.2	409.1	12,200 *	54.6	421.6	13,800 *	61.1	434.4	14,600 *	205
210	48.8	404.4	11,800 *	53.3	417.7	13,500 *	59.9	431.3	14,300 *	210
215	47.4	399.6	11,400 *	52.0	413.5	13,300 *	58.7	428.0	14,100 *	215
220	46.0	394.4	11,000 *	50.7	409.2	13,000 *	57.5	424.6	13,900 *	220
230	42.9	383.4	10,300 *	47.9	399.8	12,600 *	55.0	417.3	13,400 *	230
240	39.7	371.0	9,600 *	45.0	389.5	12,200 *	52.4	409.3	13,000 *	240
250	36.2	357.0	8,900 *	41.9	378.0	11,700 *	49.7	400.5	12,600 *	250
260	32.3	340.9	8,300 *	38.6	365.1	10,300 *	46.8	390.8	12,200 *	260
270	28.0	321.9	7,200 *	35.0	350.5	9,100 *	43.8	380.1	11,300 *	270
280	22.8	298.4	6,200 *	31.0	333.6	7,900 *	40.7	368.1	10,400 *	280
290	15.8	265.4	4,700 *	26.4	313.4	6,900 *	37.3	354.6	9,500 *	290
300				20.8	287.6	5,900 *	33.5	339.3	8,600 *	300
310				12.5	248.2	4,700 *	29.4	321.3	7,500 *	310
320							24.5	299.4	6,500 *	320
330							18.2	270.2	5,500 *	330
340							6.4	212.9	4,500 *	340



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 170 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.5	479.6	19,500 *							100
105	74.5	478.1	19,200 *							105
110	73.5	476.4	18,900 *							110
115	72.4	474.6	18,600 *							115
120	71.4	472.8	18,300 *							120
125	70.3	470.8	17,900 *							125
130	69.3	468.7	17,600 *							130
135	68.2	466.6	17,200 *							135
140	67.1	464.3	16,800 *	70.7	470.1	17,500 *				140
145	66.0	461.9	16,500 *	69.6	468.0	17,200 *				145
150	64.9	459.3	16,100 *	68.6	465.9	16,900 *				150
155	63.8	456.7	15,700 *	67.5	463.6	16,600 *				155
160	62.7	453.9	15,300 *	66.4	461.3	16,900 *				160
165	61.5	451.0	14,900 *	65.3	458.8	15,900 *				165
170	60.4	447.9	14,500 *	64.2	456.2	15,600 *				170
175	59.2	444.8	14,100 *	63.1	453.4	15,300 *				175
180	58.1	441.4	13,700 *	61.9	450.6	15,000 *				180
185	56.9	438.0	13,300 *	60.8	447.6	14,700 *				185
190	55.6	434.3	12,900 *	59.6	444.4	14,400 *				190
195	54.4	430.5	12,500 *	58.5	441.2	14,200 *				195
200	53.2	426.5	12,100 *	57.3	437.7	13,900 *				200
205	51.9	422.4	11,700 *	56.1	434.1	13,600 *	62.2	446.0	14,300 *	205
210	50.6	418.0	11,400 *	54.8	430.4	13,400 *	61.1	443.1	14,100 *	210
215	49.3	413.4	11,000 *	53.6	426.5	13,200 *	59.9	440.0	13,900 *	215
220	47.9	408.7	10,600 *	52.3	422.4	13,000 *	58.8	436.7	14,000 *	220
230	45.1	398.4	9,900 *	49.7	413.6	12,600 *	56.4	429.8	13,200 *	230
240	42.1	387.0	9,200 *	47.0	404.0	12,100 *	53.9	422.2	12,800 *	240
250	38.9	374.3	8,600 *	44.1	393.3	11,200 *	51.4	413.9	12,400 *	250
260	35.5	360.0	7,800 *	41.1	381.5	9,800 *	48.7	404.8	11,900 *	260
270	31.7	343.5	6,700 *	37.8	368.3	8,600 *	45.9	394.8	10,900 *	270
280	27.4	324.1	5,700 *	34.3	353.4	7,400 *	43.0	383.8	10,000 *	280
290	22.3	300.1	4,800 *	30.4	336.1	6,400 *	39.9	371.5	9,100 *	290
300				25.9	315.5	5,400 *	36.6	357.7	8,100 *	300
310				20.4	289.2	4,500 *	32.9	342.0	7,000 *	310
320							28.8	323.6	6,000 *	320
330							24.0	301.3	5,100 *	330
340							17.8	271.6	4,200 *	340

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 180 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	76.0	490.0	18,300 *							100
105	75.0	488.5	18,000 *							105
110	74.0	486.9	17,700 *							110
115	73.0	485.2	17,500 *							115
120	72.0	483.5	17,200 *							120
125	71.0	481.6	16,900 *							125
130	70.0	479.6	16,600 *							130
135	69.0	477.5	16,200 *							135
140	67.9	475.3	15,900 *							140
145	66.9	473.0	15,600 *	70.3	478.8	16,700 *				145
150	65.8	470.5	15,200 *	69.3	476.8	16,500 *				150
155	64.8	468.0	14,900 *	68.3	474.6	16,200 *				155
160	63.7	465.3	14,500 *	67.2	472.3	15,900 *				160
165	62.6	462.6	14,100 *	66.2	469.9	15,600 *				165
170	61.5	459.6	13,800 *	65.1	467.4	15,300 *				170
175	60.4	456.6	13,400 *	64.0	464.8	15,000 *				175
180	59.3	453.4	13,000 *	63.0	462.1	14,800 *				180
185	58.1	450.1	12,700 *	61.9	459.2	14,500 *				185
190	57.0	446.7	12,300 *	60.8	456.2	14,300 *				190
195	55.8	443.0	11,900 *	59.6	453.1	14,000 *				195
200	54.6	439.3	11,600 *	58.5	449.8	13,700 *				200
205	53.4	435.3	11,200 *	57.4	446.4	13,500 *				205
210	52.2	431.2	10,900 *	56.2	442.9	13,300 *	62.2	454.7	13,700 *	210
215	50.9	426.9	10,500 *	55.0	439.2	13,000 *	61.1	451.7	13,600 *	215
220	49.6	422.4	10,200 *	53.8	435.3	12,800 *	59.9	448.6	13,400 *	220
230	47.0	412.8	9,500 *	51.4	427.0	12,400 *	57.7	442.0	13,000 *	230
240	44.3	402.2	8,900 *	48.8	417.9	12,000 *	55.3	434.8	12,600 *	240
250	41.3	390.6	8,200 *	46.1	408.0	10,500 *	52.9	427.0	12,300 *	250
260	38.2	377.6	7,200 *	43.3	397.1	9,200 *	50.4	418.4	11,400 *	260
270	34.9	362.9	6,100 *	40.3	385.0	7,900 *	47.8	409.1	10,400 *	270
280	31.1	346.1	5,100 *	37.1	371.5	6,800 *	45.1	398.8	9,500 *	280
290	26.9	326.3	4,200 *	33.7	356.2	5,800 *	42.2	387.5	8,600 *	290
300				29.8	338.6	4,800 *	39.2	374.9	7,500 *	300
310							35.9	360.8	6,400 *	310
320							32.3	344.7	5,400 *	320
330							28.3	325.9	4,500 *	330



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

190 Ft. Boom, 190 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
105	75.5	499.0	16,900 *							105
110	74.6	497.4	16,600 *							110
115	73.6	495.8	16,400 *							115
120	72.6	494.1	16,100 *							120
125	71.6	492.3	15,900 *							125
130	70.7	490.3	15,600 *							130
135	69.7	488.3	15,300 *							135
140	68.7	486.2	15,000 *							140
145	67.7	484.0	14,700 *	71.0	489.6	16,300 *				145
150	66.7	481.6	14,400 *	70.0	487.6	16,100 *				150
155	65.6	479.2	14,100 *	69.0	485.5	15,800 *				155
160	64.6	476.7	13,700 *	68.0	483.3	15,500 *				160
165	63.6	474.0	13,400 *	67.0	481.0	15,300 *				165
170	62.5	471.2	13,100 *	66.0	478.6	15,000 *				170
175	61.4	468.3	12,700 *	65.0	476.1	14,700 *				175
180	60.4	465.3	12,400 *	63.9	473.5	14,500 *				180
185	59.3	462.1	12,100 *	62.9	470.7	14,300 *				185
190	58.2	458.8	11,700 *	61.8	467.9	14,000 *				190
195	57.1	455.4	11,400 *	60.7	464.9	13,800 *				195
200	55.9	451.8	11,000 *	59.7	461.8	13,500 *				200
205	54.8	448.0	10,700 *	58.6	458.5	13,300 *				205
210	53.6	444.1	10,400 *	57.5	455.1	13,100 *				210
215	52.4	440.1	10,100 *	56.3	451.6	12,900 *	62.1	463.3	13,200 *	215
220	51.2	435.8	9,700 *	55.2	447.9	12,700 *	61.0	460.4	13,000 *	220
230	48.8	426.8	9,100 *	52.9	440.1	12,300 *	58.8	454.1	12,700 *	230
240	46.2	416.9	8,500 *	50.4	431.5	11,400 *	56.6	447.2	12,400 *	240
250	43.5	406.0	7,700 *	47.9	422.2	9,900 *	54.3	439.8	11,900 *	250
260	40.6	394.1	6,600 *	45.3	412.0	8,600 *	52.0	431.7	10,900 *	260
270	37.5	380.8	5,500 *	42.5	400.8	7,300 *	49.5	422.8	9,900 *	270
280	34.2	365.8	4,500 *	39.6	388.4	6,200 *	47.0	413.2	9,000 *	280
290				36.5	374.6	5,200 *	44.3	402.7	8,100 *	290
300				33.1	359.0	4,200 *	41.5	391.1	6,900 *	300
310							38.5	378.2	5,800 *	310
320							35.3	363.8	4,800 *	320

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

190 Ft. Boom, 200 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
105	76.0	509.4	15,700 *							105
110	75.1	507.9	15,500 *							110
115	74.1	506.3	15,300 *							115
120	73.2	504.7	15,000 *							120
125	72.2	502.9	14,800 *							125
130	71.3	501.1	14,500 *							130
135	70.3	499.1	14,300 *							135
140	69.4	497.1	14,000 *							140
145	68.4	494.9	13,700 *							145
150	67.4	492.7	13,500 *	70.7	498.4	15,400 *				150
155	66.4	490.3	13,200 *	69.7	496.3	15,300 *				155
160	65.5	487.9	12,900 *	68.7	494.2	15,000 *				160
165	64.5	485.3	12,600 *	67.8	492.0	14,800 *				165
170	63.4	482.6	12,300 *	66.8	489.7	14,600 *				170
175	62.4	479.9	12,000 *	65.8	487.3	14,300 *				175
180	61.4	476.9	11,700 *	64.8	484.8	14,100 *				180
185	60.4	473.9	11,400 *	63.8	482.1	13,900 *				185
190	59.3	470.8	11,100 *	62.8	479.4	13,700 *				190
195	58.2	467.5	10,800 *	61.8	476.5	13,500 *				195
200	57.2	464.1	10,400 *	60.7	473.5	13,300 *				200
205	56.1	460.5	10,100 *	59.7	470.4	13,100 *				205
210	55.0	456.8	9,800 *	58.6	467.2	12,900 *				210
215	53.8	452.9	9,500 *	57.5	463.8	12,700 *				215
220	52.7	448.9	9,200 *	56.4	460.3	12,500 *	62.0	472.0	12,600 *	220
230	50.4	440.3	8,600 *	54.2	452.8	12,100 *	59.9	465.9	12,300 *	230
240	47.9	431.0	8,100 *	51.9	444.7	10,800 *	57.8	459.4	12,100 *	240
250	45.4	420.9	7,100 *	49.6	435.9	9,300 *	55.6	452.3	11,400	250
260	42.7	409.8	5,900 *	47.1	426.4	8,000 *	53.4	444.6	10,400	260
270	39.9	397.5	4,900 *	44.5	415.9	6,700 *	51.1	436.3	9,400	270
280				41.8	404.4	5,600 *	48.7	427.2	8,500	280
290				38.9	391.8	4,500 *	46.2	417.3	7,500 *	290
300							43.5	406.5	6,300 *	300
310							40.8	394.6	5,200 *	310
320							37.8	381.4	4,200 *	320



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 160 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.2	404.6	42,000 *c							70
75	73.7	403.1	40,800 *c							75
80	72.2	401.5	39,600 *c							80
85	70.7	399.7	38,400 *c							85
90	69.2	397.8	37,100 *b							90
95	67.6	395.7	35,700 *b							95
100	66.1	393.5	34,400 *b							100
105	64.5	391.1	33,000 *b	70.0	397.3	44,100 *c				105
110	62.9	388.5	31,700 *b	68.4	395.3	43,300 *b				110
115	61.3	385.7	30,300 *b	66.9	393.1	42,400 *b				115
120	59.7	382.8	29,000 *b	65.3	390.8	41,400 *b				120
125	58.0	379.6	27,700 *b	63.8	388.3	40,400 *b				125
130	56.3	376.3	26,500 *b	62.1	385.7	39,200 *b				130
135	54.5	372.7	25,300 *	60.5	382.8	38,000 *b				135
140	52.8	368.9	24,100 *	58.9	379.8	36,700 *b				140
145	50.9	364.8	22,900 *	57.2	376.5	35,400 *b				145
150	49.1	360.5	21,800 *	55.4	373.1	34,100 *				150
155	47.1	355.8	20,800 *	53.7	369.4	32,700 *	63.0	381.5	30,200 b	155
160	45.1	350.9	19,800 *	51.9	365.5	31,300 *	61.4	378.8	28,800 b	160
165	43.0	345.5	18,900 *	50.0	361.3	29,300 *	59.7	375.9	27,400 b	165
170	40.9	339.8	18,000 *	48.1	356.8	27,500 *	58.1	372.7	26,100 b	170
175	38.6	333.5	17,100 *	46.2	352.0	25,800 *	56.4	369.4	24,900 b	175
180	36.2	326.8	16,300 *	44.1	346.8	24,300 *	54.6	365.8	23,800	180
185	33.7	319.3	15,500 *	42.0	341.3	22,800 *	52.8	362.0	22,700	185
190	31.0	311.1	14,800 *	39.8	335.3	21,500 *	51.0	358.0	21,700	190
195	28.0	301.9	14,100 *	37.5	328.8	20,200 *	49.1	353.6	20,800	195
200	24.7	291.4	13,500 *	35.0	321.8	19,000 *	47.2	349.0	19,900	200
205	20.9	278.9	12,900 *	32.4	314.0	17,900 *	45.2	344.0	19,000	205
210	16.2	263.0	12,400 *	29.6	305.3	16,900 *	43.1	338.7	18,200	210
215	9.2	238.9	10,700 *	26.5	295.5	15,900 *	41.0	333.0	17,400	215
220				22.9	284.1	14,900 *	38.7	326.8	16,700	220
230				13.3	251.7	13,000 *	33.8	312.6	15,300	230
240							28.2	295.3	14,000	240
250							21.1	272.5	12,800	250
260							9.6	233.4	11,600	260

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
70	75.9	415.0	39,400 * c							70
75	74.5	413.6	38,200 * c							75
80	73.1	412.0	37,200 * c							80
85	71.6	410.3	36,100 * c							85
90	70.2	408.5	35,000 * c							90
95	68.8	406.5	33,800 * b							95
100	67.3	404.4	32,600 * b							100
105	65.8	402.2	31,400 * b	71.0	408.0	41,000 * c				105
110	64.3	399.7	30,200 * b	69.5	406.1	40,400 * c				110
115	62.8	397.1	29,000 * b	68.1	404.0	39,700 * b				115
120	61.2	394.4	27,800 * b	66.6	401.9	38,900 * b				120
125	59.7	391.4	26,700 * b	65.1	399.5	38,100 * b				125
130	58.1	388.3	25,500 * b	63.6	397.0	37,100 * b				130
135	56.5	385.0	24,400 * b	62.0	394.3	36,100 * b				135
140	54.8	381.4	23,300 *	60.5	391.5	35,000 * b				140
145	53.1	377.7	22,300 *	58.9	388.5	33,900 * b				145
150	51.4	373.7	21,200 *	57.3	385.2	32,800 * b				150
155	49.6	369.4	20,200 *	55.7	381.8	31,600 * b				155
160	47.8	364.9	19,300 *	54.0	378.1	30,400 *	62.9	390.2	28,400 b	160
165	45.9	360.0	18,400 *	52.3	374.3	28,800 *	61.3	387.5	27,000 b	165
170	44.0	354.8	17,500 *	50.5	370.1	27,000 *	59.8	384.5	25,800 b	170
175	41.9	349.3	16,700 *	48.7	365.7	25,400 *	58.2	381.4	24,600 b	175
180	39.8	343.3	15,900 *	46.9	361.1	23,800 *	56.5	378.1	23,400 b	180
185	37.6	336.9	15,200 *	45.0	356.1	22,400 *	54.9	374.6	22,400	185
190	35.3	329.9	14,500 *	43.0	350.7	21,000 *	53.2	370.8	21,400	190
195	32.8	322.2	13,800 *	40.9	345.0	19,800 *	51.5	366.8	20,400	195
200	30.2	313.8	13,200 *	38.8	338.8	18,600 *	49.7	362.6	19,500	200
205	27.3	304.3	12,600 *	36.5	332.1	17,500 *	47.9	358.0	18,700	205
210	24.1	293.4	12,000 *	34.1	324.8	16,400 *	46.0	353.2	17,900	210
215	20.4	280.6	11,500 *	31.6	316.7	15,400 *	44.1	348.0	17,100	215
220	15.8	264.4	11,000 *	28.8	307.8	14,500 *	42.0	342.5	16,300	220
230				22.4	286.0	12,800 *	37.8	330.1	15,000	230
240				12.9	252.7	11,000 *	33.0	315.5	13,700	240
250							27.4	297.7	12,500	250
260							20.5	274.2	11,400	260
270							9.4	234.2	10,300	270



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

200 Ft. Boom, 160 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.0	422.2	34,900 * ^b							80
85	73.6	420.6	34,000 *							85
90	72.3	418.9	33,100 *							90
95	70.9	417.0	32,100 *							95
100	69.5	415.0	31,100 *							100
105	68.1	412.9	30,100 *							105
110	66.7	410.6	29,100 *							110
115	65.2	408.1	28,000 *	70.2	414.6	37,200 *				115
120	63.8	405.5	27,000 *	68.8	412.5	36,600 *				120
125	62.3	402.7	26,000 *	67.4	410.3	36,000 *				125
130	60.8	399.8	25,000 *	66.0	407.9	35,200 *				130
135	59.3	396.7	24,000 *	64.5	405.4	34,400 *				135
140	57.7	393.4	23,000 *	63.1	402.7	33,600 *				140
145	56.2	389.8	22,000 *	61.6	399.8	32,700 *				145
150	54.5	386.1	21,100 *	60.1	396.8	31,700 *				150
155	52.9	382.2	20,200 *	58.5	393.6	30,700 *				155
160	51.2	378.0	19,300 *	57.0	390.2	29,700 *				160
165	49.5	373.5	18,400 *	55.4	386.6	28,700 *				165
170	47.7	368.8	17,600 *	53.8	382.7	27,600 *	62.4	395.8	26,300	170
175	45.9	363.7	16,900 *	52.1	378.7	26,500 *	60.9	392.9	25,100	175
180	44.0	358.3	16,100 *	50.4	374.3	24,900 *	59.4	389.8	24,000	180
185	42.0	352.6	15,400 *	48.6	369.8	23,500 *	57.8	386.5	22,900	185
190	39.9	346.4	14,700 *	46.8	364.9	22,100 *	56.2	383.0	21,900	190
195	37.8	339.7	14,100 *	45.0	359.7	20,800 *	54.6	379.2	21,000	195
200	35.5	332.5	13,500 *	43.0	354.1	19,700 *	53.0	375.3	20,100	200
205	33.1	324.5	12,900 *	41.0	348.1	18,500 *	51.3	371.1	19,200	205
210	30.5	315.8	12,300 *	38.9	341.7	17,500 *	49.6	366.7	18,400	210
215	27.7	306.0	11,800 *	36.7	334.8	16,500 *	47.8	361.9	17,600	215
220	24.5	294.8	11,300 *	34.4	327.2	15,500 *	46.0	356.9	16,900	220
230	16.3	264.6	10,400 *	29.2	309.7	13,800 *	42.1	345.8	15,500	230
240				22.8	287.2	12,200 *	37.9	333.0	14,200	240
250				13.4	252.4	10,600 *	33.2	317.9	13,000	250
260							27.8	299.4	11,900	260
270							21.0	275.1	10,900	270
280							9.8	233.0	9,900	280

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
80	75.7	432.7	32,700 *b							80
85	74.4	431.1	31,900 *							85
90	73.1	429.5	31,100 *							90
95	71.8	427.7	30,200 *							95
100	70.4	425.8	29,400 *							100
105	69.1	423.8	28,500 *							105
110	67.7	421.6	27,600 *							110
115	66.4	419.3	26,700 *							115
120	65.0	416.8	25,700 *	69.8	423.3	34,200 *				120
125	63.6	414.2	24,800 *	68.4	421.2	33,700 *				125
130	62.2	411.4	23,900 *	67.1	419.0	33,100 *				130
135	60.8	408.5	23,000 *	65.7	416.6	32,500 *				135
140	59.3	405.3	22,100 *	64.3	414.0	31,800 *				140
145	57.8	402.0	21,200 *	62.9	411.4	31,000 *				145
150	56.3	398.6	20,300 *	61.5	408.5	30,200 *				150
155	54.8	394.9	19,500 *	60.1	405.5	29,300 *				155
160	53.2	391.0	18,700 *	58.6	402.3	28,500 *				160
165	51.6	386.8	17,900 *	57.1	398.9	27,600 *				165
170	50.0	382.5	17,100 *	55.6	395.3	26,700 *				170
175	48.3	377.8	16,400 *	54.0	391.5	25,700 *	62.3	404.5	24,700	175
180	46.6	372.9	15,700 *	52.5	387.5	24,500 *	60.8	401.5	23,600	180
185	44.8	367.7	15,000 *	50.8	383.3	23,000 *	59.4	398.4	22,500	185
190	42.9	362.1	14,300 *	49.2	378.8	21,700 *	57.9	395.1	21,500	190
195	41.0	356.2	13,700 *	47.5	374.0	20,400 *	56.4	391.7	20,600	195
200	39.0	349.8	13,100 *	45.7	368.9	19,200 *	54.9	388.0	19,700	200
205	36.9	342.9	12,600 *	43.9	363.5	18,100 *	53.3	384.1	18,800	205
210	34.7	335.4	12,000 *	42.0	357.8	17,000 *	51.7	380.0	18,000	210
215	32.3	327.3	11,500 *	40.0	351.6	16,000 *	50.1	375.6	17,300	215
220	29.8	318.3	11,000 *	38.0	345.0	15,100 *	48.4	371.0	16,500	220
230	23.9	296.7	10,100 *	33.6	330.1	13,300 *	44.9	360.9	15,100	230
240	15.9	265.8	8,800 *	28.5	312.1	11,700 *	41.1	349.4	13,900	240
250				22.2	289.0	10,300 *	37.0	336.2	12,700	250
260				13.1	253.4	8,800 *	32.4	320.6	11,600	260
270							27.1	301.7	10,600	270
280							20.5	276.8	9,700	280
290							9.6	233.7	8,600 *	290



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

200 Ft. Boom, 160 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
85	75.7	441.5	29,600 *							85
90	74.5	439.9	28,900 *							90
95	73.2	438.2	28,300 *							95
100	72.0	436.4	27,600 *							100
105	70.7	434.5	26,900 *							105
110	69.4	432.4	26,100 *							110
115	68.1	430.2	25,400 *							115
120	66.8	427.8	24,600 *							120
125	65.5	425.4	23,800 *	70.1	432.0	30,700 *				125
130	64.1	422.7	23,000 *	68.8	429.8	29,900 *				130
135	62.8	419.9	22,300 *	67.5	427.6	29,100 *				135
140	61.4	417.0	21,500 *	66.2	425.2	28,400 *				140
145	60.0	413.9	20,700 *	64.8	422.6	27,600 *				145
150	58.6	410.6	19,900 *	63.5	419.9	27,000 *				150
155	57.2	407.1	19,200 *	62.1	417.0	26,300 *				155
160	55.7	403.5	18,400 *	60.7	414.0	25,700 *				160
165	54.2	399.6	17,700 *	59.3	410.8	25,100 *				165
170	52.7	395.6	17,000 *	57.9	407.5	24,500 *				170
175	51.1	391.3	16,300 *	56.5	403.9	23,900 *				175
180	49.5	386.7	15,700 *	55.0	400.2	23,400 *	62.9	413.0	24,000	180
185	47.9	381.9	15,000 *	53.5	396.2	22,900 *	61.5	410.1	22,900	185
190	46.2	376.8	14,400 *	51.9	392.0	22,500 *	60.1	407.0	21,900	190
195	44.4	371.4	13,800 *	50.3	387.6	21,200 *	58.7	403.7	21,000	195
200	42.6	365.6	13,300 *	48.7	382.9	20,000 *	57.2	400.3	20,100	200
205	40.7	359.5	12,700 *	47.1	378.0	18,900 *	55.8	396.6	19,200	205
210	38.8	352.9	12,200 *	45.3	372.7	17,800 *	54.3	392.8	18,400	210
215	36.7	345.8	11,700 *	43.6	367.2	16,800 *	52.7	388.7	17,600	215
220	34.5	338.1	11,200 *	41.7	361.2	15,900 *	51.2	384.4	16,900	220
230	29.7	320.5	10,300 *	37.8	348.0	14,100 *	47.9	375.1	15,500	230
240	24.0	298.4	9,500 *	33.4	332.7	12,500 *	44.5	364.6	14,300	240
250	16.1	266.6	8,300 *	28.5	314.2	11,100 *	40.8	352.7	13,100	250
260				22.4	290.4	9,700 *	36.8	339.1	12,000	260
270				13.4	253.8	8,400 *	32.4	323.1	11,000	270
280							27.2	303.6	10,100	280
290							20.6	278.0	9,200	290
300							9.8	233.5	8,200 *	300

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Luffing Jib, 80 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
90	75.4	450.8	27,100 *							90
95	74.2	449.2	26,600 *							95
100	73.0	447.5	26,000 *							100
105	71.8	445.6	25,300 *							105
110	70.6	443.7	24,700 *							110
115	69.3	441.6	24,000 *							115
120	68.1	439.4	23,300 *							120
125	66.8	437.1	22,600 *	71.2	443.2	29,200 *				125
130	65.6	434.6	21,900 *	70.0	441.2	28,900 *				130
135	64.3	432.0	21,200 *	68.7	439.1	28,100 *				135
140	63.0	429.3	20,500 *	67.5	436.8	27,400 *				140
145	61.7	426.4	19,800 *	66.2	434.4	26,700 *				145
150	60.3	423.3	19,100 *	64.9	431.9	26,100 *				150
155	59.0	420.1	18,400 *	63.7	429.2	25,400 *				155
160	57.6	416.7	17,700 *	62.3	426.4	24,900 *				160
165	56.2	413.1	17,100 *	61.0	423.4	24,300 *				165
170	54.8	409.3	16,400 *	59.7	420.3	23,700 *				170
175	53.3	405.4	15,800 *	58.3	416.9	23,200 *				175
180	51.8	401.2	15,200 *	56.9	413.5	22,700 *				180
185	50.3	396.8	14,600 *	55.5	409.8	22,200 *	63.0	422.3	24,800 *	185
190	48.8	392.1	14,000 *	54.1	405.9	21,800 *	61.7	419.4	21,600	190
195	47.2	387.2	13,400 *	52.6	401.9	20,700 *	60.4	416.4	20,700	195
200	45.5	382.0	12,900 *	51.1	397.6	19,500 *	59.0	413.2	19,800	200
205	43.8	376.5	12,300 *	49.6	393.1	18,400 *	57.7	409.8	18,900	205
210	42.1	370.7	11,800 *	48.0	388.3	17,300 *	56.3	406.2	18,100	210
215	40.3	364.4	11,400 *	46.4	383.2	16,300 *	54.9	402.5	17,300	215
220	38.4	357.8	10,900 *	44.7	377.9	15,400 *	53.4	398.5	16,600	220
230	34.3	342.9	10,000 *	41.2	366.2	13,600 *	50.4	389.9	15,200	230
240	29.7	325.2	9,200 *	37.4	352.9	12,100 *	47.3	380.4	14,000	240
250	24.2	303.2	8,400 *	33.2	337.4	10,600 *	43.9	369.7	12,800	250
260	16.8	272.5	6,800 *	28.4	318.9	9,300 *	40.4	357.7	11,800	260
270				22.6	295.4	8,100 *	36.5	343.9	10,800	270
280				14.4	260.6	6,800 *	32.2	327.8	9,800	280
290							27.2	308.4	9,000	290
300							21.0	283.1	7,800 *	300
310							11.5	242.4	6,600 *	310



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

200 Ft. Boom, 160 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.1	459.7	24,300 *							95
100	73.9	458.1	23,800 *							100
105	72.8	456.4	23,400 *							105
110	71.6	454.5	22,900 *							110
115	70.4	452.5	22,400 *							115
120	69.2	450.4	21,900 *							120
125	68.0	448.2	21,300 *							125
130	66.8	445.8	20,700 *							130
135	65.6	443.4	20,200 *	69.9	450.0	23,900 *				135
140	64.4	440.7	19,600 *	68.7	447.9	23,500 *				140
145	63.1	438.0	19,000 *	67.5	445.6	23,100 *				145
150	61.9	435.1	18,400 *	66.2	443.2	22,700 *				150
155	60.6	432.0	17,800 *	65.0	440.6	22,300 *				155
160	59.3	428.8	17,300 *	63.8	437.9	21,900 *				160
165	58.0	425.4	16,700 *	62.5	435.1	21,600 *				165
170	56.6	421.9	16,100 *	61.2	432.1	21,200 *				170
175	55.3	418.2	15,500 *	60.0	429.0	20,900 *				175
180	53.9	414.3	15,000 *	58.6	425.7	20,400 *				180
185	52.5	410.1	14,500 *	57.3	422.2	19,900 *				185
190	51.0	405.8	13,900 *	56.0	418.6	19,400 *				190
195	49.5	401.2	13,400 *	54.6	414.8	19,000 *	61.9	428.2	20,300 *	195
200	48.0	396.4	12,900 *	53.2	410.8	18,600 *	60.6	425.1	20,000 *	200
205	46.4	391.4	12,400 *	51.8	406.6	18,200 *	59.3	421.9	19,200	205
210	44.8	386.0	12,000 *	50.3	402.1	17,800 *	58.0	418.5	18,400	210
215	43.2	380.3	11,500 *	48.8	397.5	17,400 *	56.7	415.0	17,600	215
220	41.5	374.3	11,100 *	47.3	392.5	16,900 *	55.3	411.3	16,900	220
230	37.8	361.1	10,200 *	44.0	381.8	15,100 *	52.5	403.3	15,500	230
240	33.8	345.8	9,500 *	40.6	369.8	13,400 *	49.6	394.4	14,300	240
250	29.3	327.7	8,800 *	36.9	356.1	11,800 *	46.5	384.6	13,100	250
260	23.9	305.2	8,100 *	32.8	340.2	10,400 *	43.3	373.6	12,100	260
270	16.7	273.9	6,800 *	28.1	321.3	9,200 *	39.8	361.2	11,100	270
280				22.4	297.3	8,000 *	36.0	347.0	10,200	280
290				14.4	261.9	6,900 *	31.8	330.5	9,300	290
300							26.9	310.7	8,500	300
310							20.9	285.0	7,700	310
320							11.5	243.5	6,600 *	320

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Luffing Jib, 100 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
95	75.7	470.2	22,800 *							95
100	74.5	468.6	22,400 *							100
105	73.4	467.0	22,000 *							105
110	72.3	465.2	21,600 *							110
115	71.2	463.3	21,100 *							115
120	70.1	461.3	20,700 *							120
125	68.9	459.1	20,200 *							125
130	67.8	456.9	19,700 *							130
135	66.6	454.5	19,200 *	70.6	460.8	23,400 *				135
140	65.4	452.0	18,600 *	69.5	458.7	23,100 *				140
145	64.2	449.4	18,100 *	68.4	456.6	22,800 *				145
150	63.0	446.6	17,600 *	67.2	454.3	22,400 *				150
155	61.8	443.7	17,100 *	66.0	451.8	22,000 *				155
160	60.6	440.7	16,500 *	64.8	449.3	21,700 *				160
165	59.3	437.5	16,000 *	63.6	446.6	21,200 *				165
170	58.0	434.1	15,500 *	62.4	443.7	20,700 *				170
175	56.8	430.6	14,900 *	61.2	440.8	20,200 *				175
180	55.4	426.9	14,400 *	60.0	437.7	19,700 *				180
185	54.1	423.0	13,900 *	58.7	434.4	19,200 *				185
190	52.8	419.0	13,400 *	57.4	430.9	18,800 *				190
195	51.4	414.7	12,900 *	56.1	427.3	18,400 *				195
200	50.0	410.2	12,500 *	54.8	423.6	18,000 *	61.9	436.8	19,400 *	200
205	48.5	405.5	12,000 *	53.5	419.6	17,600 *	60.6	433.8	18,800	205
210	47.0	400.6	11,600 *	52.1	415.4	17,200 *	59.4	430.6	18,000	210
215	45.5	395.3	11,100 *	50.7	411.1	16,900 *	58.1	427.2	17,200	215
220	43.9	389.8	10,700 *	49.3	406.5	16,400 *	56.8	423.7	16,500	220
230	40.6	377.8	9,900 *	46.3	396.6	14,600 *	54.2	416.2	15,100	230
240	37.1	364.2	9,200 *	43.1	385.5	12,900 *	51.4	407.9	13,900	240
250	33.1	348.5	8,500 *	39.8	373.2	11,300 *	48.6	398.7	12,800	250
260	28.7	330.0	7,800 *	36.2	359.1	10,000 *	45.6	388.5	11,700	260
270	23.4	307.1	6,700 *	32.1	342.9	8,700 *	42.4	377.2	10,700	270
280	16.4	275.1	5,300 *	27.5	323.5	7,500 *	39.0	364.5	9,800	280
290				22.0	299.0	6,400 *	35.3	350.0	9,000	290
300				14.1	262.9	5,400 *	31.1	333.1	8,200	300
310							26.3	312.8	7,300 *	310
320							20.4	286.5	6,200 *	320
330							11.2	244.2	5,200 *	330



Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
 Luffing Jib No. 133 or No. 133A On
 Boom No. 44 With Heavy Lift Top
 207,000 Lb. Crane Counterweight
 60,000 Lb. Carbody Counterweight
 360 Degree Rating

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

200 Ft. Boom, 160 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.1	479.3	20,100 *							100
105	74.0	477.7	19,700 *							105
110	72.9	475.9	19,300 *							110
115	71.8	474.1	18,900 *							115
120	70.7	472.2	18,500 *							120
125	69.7	470.2	18,100 *							125
130	68.5	468.0	17,700 *							130
135	67.4	465.7	17,300 *							135
140	66.3	463.3	17,000 *	70.2	469.7	17,800 *				140
145	65.2	460.8	16,600 *	69.1	467.6	17,400 *				145
150	64.0	458.2	16,300 *	68.0	465.4	17,100 *				150
155	62.9	455.4	15,900 *	66.9	463.1	16,700 *				155
160	61.7	452.5	15,500 *	65.8	460.6	16,400 *				160
165	60.5	449.5	15,100 *	64.6	458.1	16,100 *				165
170	59.3	446.3	14,600 *	63.5	455.4	15,700 *				170
175	58.1	443.0	14,200 *	62.3	452.6	15,400 *				175
180	56.8	439.5	13,800 *	61.1	449.6	15,100 *				180
185	55.6	435.8	13,400 *	59.9	446.5	14,800 *				185
190	54.3	432.0	12,900 *	58.7	443.2	14,600 *				190
195	53.0	428.0	12,500 *	57.5	439.8	14,300 *				195
200	51.7	423.8	12,100 *	56.2	436.2	14,000 *	62.9	448.5	14,800 *	200
205	50.3	419.4	11,700 *	55.0	432.5	13,800 *	61.7	445.6	14,600 *	205
210	48.9	414.8	11,300 *	53.7	428.6	13,500 *	60.6	442.6	14,300 *	210
215	47.5	409.9	10,900 *	52.3	424.5	13,200 *	59.3	439.4	14,100 *	215
220	46.1	404.8	10,600 *	51.0	420.2	13,000 *	58.1	436.1	13,900 *	220
230	43.0	393.8	9,800 *	48.2	410.9	12,600 *	55.6	428.9	13,400 *	230
240	39.8	381.4	9,200 *	45.3	400.7	12,200 *	53.1	421.1	13,000 *	240
250	36.3	367.5	8,500 *	42.3	389.4	11,800 *	50.4	412.5	12,600 *	250
260	32.5	351.5	7,900 *	39.0	376.7	10,500 *	47.6	403.1	11,900 *	260
270	28.1	332.6	7,200 *	35.4	362.3	9,200 *	44.6	392.6	10,900 *	270
280	23.0	309.3	6,200 *	31.5	345.7	8,000 *	41.5	381.0	10,000 *	280
290	16.1	276.9	4,900 *	27.0	326.0	7,000 *	38.2	367.9	9,200 *	290
300				21.5	301.1	6,000 *	34.5	353.1	8,400 *	300
310				13.8	264.5	5,000 *	30.5	335.9	7,700 *	310
320							25.8	315.2	6,800 *	320
330							20.0	288.5	5,800 *	330
340							11.1	245.8	4,800 *	340

Liftcrane Fixed Jib Capacities

M-250 SERIES 2

Fixed Jib No. 140 Set At 5 Degree Offset Angle On
Luffing Jib No. 133 or No. 133A On
Boom No. 44 With Heavy Lift Top
207,000 Lb. Crane Counterweight
60,000 Lb. Carbody Counterweight
360 Degree Rating

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

200 Ft. Boom, 170 Ft. Luffing Jib, 120 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			75 Degree Boom Angle			Fixed Jib Oper. Rad. Feet
	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	Luffing Jib Ang. Deg.	Fixed Jib Point Elev. Feet	Fixed Jib Capacity Pounds	
100	75.6	489.7	18,900 *							100
105	74.6	488.2	18,600 *							105
110	73.5	486.5	18,300 *							110
115	72.5	484.8	18,000 *							115
120	71.4	482.9	17,700 *							120
125	70.4	481.0	17,400 *							125
130	69.3	478.9	17,000 *							130
135	68.3	476.7	16,700 *							135
140	67.2	474.4	16,300 *	70.9	480.5	17,400 *				140
145	66.1	472.0	15,900 *	69.9	478.5	17,100 *				145
150	65.0	469.5	15,500 *	68.8	476.3	16,800 *				150
155	63.9	466.9	15,200 *	67.7	474.1	16,400 *				155
160	62.8	464.1	14,800 *	66.7	471.8	16,200 *				160
165	61.6	461.2	14,400 *	65.6	469.3	15,900 *				165
170	60.5	458.2	14,000 *	64.5	466.7	15,600 *				170
175	59.3	455.0	13,600 *	63.3	464.0	15,300 *				175
180	58.1	451.7	13,200 *	62.2	461.2	15,000 *				180
185	56.9	448.2	12,800 *	61.1	458.2	14,700 *				185
190	55.7	444.6	12,400 *	59.9	455.1	14,400 *				190
195	54.5	440.8	12,000 *	58.7	451.9	14,200 *				195
200	53.2	436.8	11,600 *	57.6	448.5	13,900 *				200
205	52.0	432.7	11,300 *	56.4	445.0	13,600 *	62.8	457.2	14,200 *	205
210	50.7	428.3	10,900 *	55.1	441.3	13,400 *	61.7	454.3	14,100 *	210
215	49.3	423.8	10,500 *	53.9	437.4	13,200 *	60.5	451.2	13,800 *	215
220	48.0	419.0	10,200 *	52.6	433.3	13,000 *	59.4	448.1	13,600 *	220
230	45.2	408.7	9,500 *	50.0	424.6	12,500 *	57.0	441.3	13,200 *	230
240	42.2	397.4	8,800 *	47.3	415.1	12,100 *	54.6	433.9	12,800 *	240
250	39.0	384.8	8,200 *	44.5	404.6	11,300 *	52.0	425.8	12,500 *	250
260	35.6	370.5	7,600 *	41.5	393.0	10,000 *	49.4	416.9	11,500 *	260
270	31.9	354.1	6,700 *	38.2	380.0	8,700 *	46.7	407.2	10,600 *	270
280	27.6	334.9	5,700 *	34.8	365.3	7,600 *	43.8	396.4	9,700 *	280
290	22.5	311.1	4,800 *	30.9	348.3	6,500 *	40.7	384.5	8,800 *	290
300				26.5	328.1	5,500 *	37.5	371.1	8,100 *	300
310				21.1	302.7	4,600 *	33.9	356.0	7,300 *	310
320							29.9	338.3	6,300 *	320
330							25.3	317.2	5,300 *	330
340							19.6	290.0	4,400 *	340