

Liftcrane Fixed Jib Capacities

777 SERIES 2

**Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 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 (*).

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 bearing turntable level within a tolerance of 1/2 in. in 10 Ft. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to fixed jib assembly **No. 179361**, luffing jib assembly **No. 179420**, Wire Rope Specification chart **No. 7984-B** and Luffing Jib Raising Procedure chart **No. 7986-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. 7987-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 24 Ft. 9 in. crawlers, 38 in. or 48 in. treads, two 12 in. boom hoist cylinders, 26 Ft. mast, four 1-1/4 in. boom pendants, 7 part luffing jib hoist reeving, two 1-1/2 in. luffing jib pendants, two 1-3/8 in. luffing jib backstays, 142,000 Lb. crane counterweight and two 22,000 Lb. carbody counterweights.

Maximum capacity on 26 mm or 1 in. wire rope is 29,500 Lbs. per line (20,000 Lbs. per line when auxiliary drum is used).



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140 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
55	75.4	314.9	27,000 *							55
60	73.6	313.4	26,800 *							60
65	71.9	311.8	26,500 *							65
70	70.1	310.1	26,200 *							70
75	68.3	308.1	26,000 *							75
80	66.5	306.0	25,700 *	71.0	309.9	26,400 *				80
85	64.6	303.6	24,700 *	69.2	308.0	26,200 *				85
90	62.8	301.1	23,700 *	67.4	305.9	26,000 *				90
95	60.8	298.3	22,800 *	65.5	303.7	25,500 *				95
100	58.9	295.4	21,900 *	63.6	301.3	24,500 *				100
105	56.9	292.2	21,100 *	61.8	298.6	23,500 *				105
110	54.9	288.7	20,400 *	59.8	295.8	22,600 *				110
115	52.8	285.0	19,700 *	57.9	292.7	21,800 *				115
120	50.6	280.9	19,100 *	55.8	289.3	21,000 *				120
125	48.4	276.6	18,500 *	53.8	285.7	20,300 *				125
130	46.1	271.9	17,900 *	51.7	281.8	19,600 *				130
135	43.7	266.8	17,400 *	49.5	277.6	19,000 *				135
140	41.2	261.2	16,900 *	47.2	273.1	18,400 *				140
145	38.5	255.1	16,500 *	44.8	268.2	17,900 *				145
150	35.7	248.3	16,000 *	42.4	262.8	17,400 *	56.4	282.5	13,600	150
155	32.7	240.8	15,100 *	39.8	257.0	16,900 *	54.3	278.9	12,900	155
160	29.4	232.3	14,200 *	37.1	250.6	16,400 *	52.2	275.1	12,200	160
165	25.7	222.5	13,400 *	34.2	243.4	15,600 *	50.0	271.0	11,600	165
170	21.4	210.7	12,600 *	31.0	235.5	14,700 *	47.8	266.6	11,100	170
175	16.0	195.5	11,700 *	27.5	226.3	13,900 *	45.5	261.8	10,500	175
180	7.4	170.1	9,700 *	23.6	215.6	13,000 *	43.0	256.5	10,000	180
185				18.8	202.3	12,200 *	40.5	250.8	9,600	185
190				12.3	183.6	11,500 *	37.8	244.5	9,100	190
195							35.0	237.6	8,700	195
200							31.9	229.9	8,300	200
205							28.5	221.1	7,900	205
210							24.6	210.8	7,500	210
220							14.3	181.6	6,800	220

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Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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The Scope of ANSI B30.5

140 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	74.6	323.9	26,100 *							60
65	72.9	322.4	25,900 *							65
70	71.2	320.7	25,700 *							70
75	69.6	318.9	25,500 *							75
80	67.9	316.8	25,100 *							80
85	66.1	314.7	24,100 *	70.4	318.7	24,700 *				85
90	64.4	312.3	23,200 *	68.7	316.8	24,500 *				90
95	62.6	309.8	22,300 *	67.0	314.7	24,300 *				95
100	60.8	307.0	21,500 *	65.2	312.4	23,900 *				100
105	59.0	304.0	20,700 *	63.5	309.9	23,000 *				105
110	57.1	300.9	20,000 *	61.7	307.3	22,100 *				110
115	55.2	297.4	19,400 *	59.8	304.4	21,300 *				115
120	53.2	293.7	18,800 *	58.0	301.3	20,600 *				120
125	51.2	289.8	18,200 *	56.1	298.0	19,900 *				125
130	49.1	285.5	17,600 *	54.1	294.5	19,300 *				130
135	46.9	281.0	17,200 *	52.1	290.6	18,700 *				135
140	44.7	276.0	16,700 *	50.1	286.5	18,100 *				140
145	42.4	270.7	16,300 *	48.0	282.1	17,600 *				145
150	40.0	264.8	15,800 *	45.8	277.3	17,100 *				150
155	37.4	258.5	15,000 *	43.5	272.2	16,700 *	56.6	291.2	12,700	155
160	34.7	251.5	14,100 *	41.1	266.6	16,200 *	54.6	287.7	12,100	160
165	31.7	243.7	13,300 *	38.6	260.5	15,400 *	52.7	283.9	11,500	165
170	28.5	234.9	12,600 *	36.0	253.8	14,600 *	50.6	279.9	10,900	170
175	25.0	224.7	11,800 *	33.2	246.4	13,800 *	48.5	275.5	10,400	175
180	20.8	212.6	11,100 *	30.1	238.1	13,000 *	46.4	270.9	9,900	180
185	15.6	196.8	10,300 *	26.7	228.7	12,200 *	44.1	265.8	9,400	185
190	7.1	170.7	8,500 *	22.9	217.6	11,500 *	41.8	260.3	9,000	190
195				18.2	203.9	10,800 *	39.3	254.4	8,600	195
200				11.9	184.6	10,100 *	36.7	247.9	8,200	200
205							33.9	240.7	7,800	205
210							30.9	232.6	7,400	210
220							23.9	212.9	6,700	220
230							13.9	182.8	6,100	230



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 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

140 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.4	334.2	23,700 *							60
65	73.8	332.8	23,300 *							65
70	72.3	331.2	23,000 *							70
75	70.7	329.5	22,800 *							75
80	69.1	327.6	22,500 *							80
85	67.5	325.6	22,200 *							85
90	65.8	323.4	21,900 *	69.8	327.5	21,700 *				90
95	64.2	321.0	21,700 *	68.2	325.5	21,600 *				95
100	62.5	318.4	21,000 *	66.6	323.4	21,400 *				100
105	60.8	315.7	20,300 *	64.9	321.1	21,200 *				105
110	59.0	312.7	19,700 *	63.3	318.6	21,000 *				110
115	57.2	309.5	19,000 *	61.6	315.9	20,800 *				115
120	55.4	306.1	18,500 *	59.8	313.1	20,200 *				120
125	53.6	302.5	17,900 *	58.1	310.0	19,500 *				125
130	51.7	298.6	17,400 *	56.3	306.7	18,900 *				130
135	49.7	294.4	16,900 *	54.5	303.2	18,400 *				135
140	47.7	290.0	16,500 *	52.6	299.4	17,800 *				140
145	45.6	285.2	16,100 *	50.6	295.4	17,300 *				145
150	43.5	280.0	15,600 *	48.7	291.1	16,900 *				150
155	41.2	274.4	14,700 *	46.6	286.4	16,400 *				155
160	38.9	268.4	13,900 *	44.5	281.4	15,800 *	56.8	299.8	11,700	160
165	36.4	261.7	13,100 *	42.3	276.1	15,000 *	54.9	296.4	11,100	165
170	33.7	254.5	12,300 *	40.0	270.2	14,300 *	53.1	292.7	10,600	170
175	30.9	246.4	11,600 *	37.6	263.9	13,500 *	51.2	288.7	10,000	175
180	27.8	237.3	10,900 *	35.0	257.0	12,700 *	49.2	284.5	9,500	180
185	24.3	226.9	10,200 *	32.3	249.3	12,000 *	47.2	279.9	9,100	185
190	20.2	214.3	9,600 *	29.3	240.7	11,300 *	45.1	275.0	8,600	190
195	15.1	198.1	8,900 *	26.0	231.0	10,600 *	42.9	269.8	8,200	195
200	6.9	171.3	7,200 *	22.2	219.5	10,000 *	40.6	264.0	7,800	200
205				17.7	205.4	9,300 *	38.2	257.9	7,400	205
210				11.6	185.6	8,700 *	35.7	251.1	7,000	210
220							30.1	235.3	6,400	220
230							23.3	215.0	5,700	230
240							13.5	184.0	5,100	240

Liftcrane Fixed Jib Capacities

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Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

140 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	74.7	343.2	20,900 *							65
70	73.2	341.7	20,600 *							70
75	71.7	340.1	20,300 *							75
80	70.2	338.3	20,100 *							80
85	68.6	336.4	20,000 *							85
90	67.1	334.3	19,500 *	70.9	338.1	19,300 *				90
95	65.5	332.1	19,300 *	69.4	336.3	19,100 *				95
100	63.9	329.7	19,000 *	67.8	334.3	19,000 *				100
105	62.3	327.1	18,800 *	66.3	332.1	18,800 *				105
110	60.7	324.3	18,600 *	64.7	329.8	18,600 *				110
115	59.1	321.4	18,300 *	63.1	327.3	18,500 *				115
120	57.4	318.2	17,800 *	61.5	324.6	18,200 *				120
125	55.7	314.8	17,400 *	59.9	321.7	18,000 *				125
130	53.9	311.3	16,900 *	58.2	318.7	17,800 *				130
135	52.1	307.4	16,400 *	56.5	315.4	17,600 *				135
140	50.3	303.3	16,000 *	54.7	311.9	17,200 *				140
145	48.4	299.0	15,500 *	53.0	308.2	16,700 *				145
150	46.4	294.3	15,100 *	51.1	304.2	16,200 *				150
155	44.4	289.3	14,500 *	49.3	300.0	15,800 *				155
160	42.3	283.9	13,600 *	47.4	295.5	15,400 *				160
165	40.1	278.1	12,800 *	45.4	290.6	14,600 *	56.9	308.5	10,800	165
170	37.8	271.8	12,000 *	43.3	285.4	13,900 *	55.2	305.1	10,300	170
175	35.4	264.9	11,300 *	41.2	279.8	13,200 *	53.4	301.4	9,700	175
180	32.8	257.4	10,700 *	38.9	273.8	12,500 *	51.6	297.5	9,200	180
185	30.1	249.1	10,000 *	36.6	267.2	11,700 *	49.8	293.4	8,800	185
190	27.0	239.7	9,400 *	34.1	260.0	11,000 *	47.9	288.9	8,300	190
195	23.6	228.9	8,800 *	31.4	252.1	10,400 *	45.9	284.2	7,900	195
200	19.7	216.0	8,200 *	28.5	243.3	9,800 *	43.8	279.1	7,500	200
205	14.7	199.4	7,600 *	25.3	233.2	9,200 *	41.7	273.6	7,100	205
210	6.7	171.8	6,100 *	21.7	221.4	8,600 *	39.5	267.6	6,800	210
220				11.3	186.6	7,400 *	34.7	254.2	6,100	220
230							29.3	237.9	5,500	230
240							22.7	216.9	4,900	240
250							13.1	185.1	4,400	250



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Luffing Jib No. 139 On Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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140 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.0	323.8	22,400 *							60
65	73.3	322.3	22,100 *							65
70	71.7	320.6	21,900 *							70
75	70.0	318.8	21,700 *							75
80	68.3	316.8	21,400 *							80
85	66.5	314.6	21,000 *	70.8	318.6	21,800 *				85
90	64.8	312.3	20,100 *	69.1	316.7	21,600 *				90
95	63.0	309.7	19,300 *	67.4	314.6	21,500 *				95
100	61.2	306.9	18,600 *	65.6	312.3	20,800 *				100
105	59.4	304.0	17,900 *	63.9	309.9	20,000 *				105
110	57.5	300.8	17,300 *	62.1	307.2	19,200 *				110
115	55.6	297.4	16,700 *	60.2	304.4	18,500 *				115
120	53.6	293.7	16,100 *	58.4	301.3	17,800 *				120
125	51.6	289.7	15,600 *	56.5	298.0	17,200 *				125
130	49.5	285.5	15,100 *	54.5	294.4	16,600 *				130
135	47.4	280.9	14,600 *	52.5	290.6	16,000 *				135
140	45.1	275.9	14,200 *	50.5	286.5	15,500 *				140
145	42.8	270.6	13,800 *	48.4	282.0	15,000 *				145
150	40.4	264.8	13,500 *	46.2	277.3	14,600 *				150
155	37.8	258.4	13,100 *	43.9	272.1	14,200 *	57.0	291.1	13,000	155
160	35.1	251.4	12,800 *	41.5	266.5	13,800 *	55.1	287.6	12,300	160
165	32.1	243.6	12,500 *	39.0	260.4	13,400 *	53.1	283.9	11,700	165
170	28.9	234.8	12,200 *	36.4	253.7	13,100 *	51.0	279.8	11,200	170
175	25.3	224.6	11,900 *	33.6	246.3	12,700 *	48.9	275.5	10,600	175
180	21.2	212.4	11,500 *	30.5	238.0	12,400 *	46.8	270.8	10,100	180
185	15.9	196.7	10,700 *	27.1	228.6	12,200 *	44.5	265.7	9,700	185
190	7.4	170.3	8,900 *	23.3	217.5	11,900 *	42.2	260.3	9,200	190
195				18.6	203.7	11,200 *	39.7	254.3	8,800	195
200				12.3	184.4	10,500 *	37.1	247.8	8,400	200
205							34.3	240.6	8,000	205
210							31.3	232.5	7,600	210
220							24.3	212.8	7,000	220
230							14.2	182.6	6,300	230

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140 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.8	334.2	21,900 *							60
65	74.2	332.8	21,700 *							65
70	72.7	331.2	21,500 *							70
75	71.1	329.5	21,200 *							75
80	69.5	327.6	21,000 *							80
85	67.8	325.5	20,500 *							85
90	66.2	323.3	19,700 *	70.2	327.4	21,200 *				90
95	64.5	320.9	18,900 *	68.6	325.5	21,000 *				95
100	62.9	318.4	18,200 *	67.0	323.3	20,300 *				100
105	61.1	315.6	17,600 *	65.3	321.0	19,500 *				105
110	59.4	312.6	16,900 *	63.7	318.6	18,800 *				110
115	57.6	309.5	16,400 *	62.0	315.9	18,100 *				115
120	55.8	306.1	15,800 *	60.2	313.0	17,400 *				120
125	54.0	302.4	15,300 *	58.5	309.9	16,800 *				125
130	52.0	298.6	14,900 *	56.7	306.7	16,300 *				130
135	50.1	294.4	14,400 *	54.8	303.1	15,700 *				135
140	48.1	289.9	14,000 *	53.0	299.4	15,300 *				140
145	46.0	285.1	13,600 *	51.0	295.3	14,800 *				145
150	43.8	279.9	13,300 *	49.0	291.0	14,400 *				150
155	41.6	274.3	12,900 *	47.0	286.4	14,000 *				155
160	39.2	268.3	12,600 *	44.9	281.4	13,600 *	57.1	299.8	12,200	160
165	36.7	261.7	12,300 *	42.7	276.0	13,200 *	55.3	296.3	11,600	165
170	34.1	254.4	12,000 *	40.4	270.2	12,900 *	53.5	292.6	11,000	170
175	31.2	246.3	11,700 *	37.9	263.8	12,600 *	51.5	288.7	10,500	175
180	28.1	237.2	11,500 *	35.4	256.9	12,300 *	49.6	284.4	10,000	180
185	24.6	226.7	10,800 *	32.6	249.2	12,000 *	47.5	279.9	9,500	185
190	20.6	214.2	10,200 *	29.6	240.6	11,700 *	45.4	275.0	9,100	190
195	15.5	197.9	9,400 *	26.4	230.9	11,200 *	43.3	269.7	8,700	195
200	7.2	170.8	7,800 *	22.6	219.4	10,600 *	41.0	264.0	8,300	200
205				18.1	205.2	9,900 *	38.6	257.8	7,900	205
210				11.9	185.4	9,300 *	36.1	251.0	7,500	210
220							30.4	235.2	6,800	220
230							23.6	214.8	6,200	230
240							13.8	183.7	5,600	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.0	343.2	20,600 *							65
70	73.6	341.7	20,400 *							70
75	72.1	340.1	20,100 *							75
80	70.5	338.3	19,800 *							80
85	69.0	336.4	19,600 *							85
90	67.5	334.3	19,200 *							90
95	65.9	332.0	18,500 *	69.7	336.2	19,000 *				95
100	64.3	329.6	17,800 *	68.2	334.2	18,800 *				100
105	62.7	327.0	17,200 *	66.6	332.1	18,700 *				105
110	61.1	324.3	16,600 *	65.1	329.7	18,300 *				110
115	59.4	321.3	16,000 *	63.5	327.2	17,700 *				115
120	57.7	318.2	15,500 *	61.9	324.5	17,100 *				120
125	56.0	314.8	15,100 *	60.2	321.7	16,500 *				125
130	54.3	311.2	14,600 *	58.5	318.6	16,000 *				130
135	52.5	307.4	14,200 *	56.8	315.4	15,400 *				135
140	50.6	303.3	13,800 *	55.1	311.9	15,000 *				140
145	48.7	298.9	13,400 *	53.3	308.1	14,500 *				145
150	46.8	294.2	13,100 *	51.5	304.2	14,100 *				150
155	44.8	289.2	12,700 *	49.6	299.9	13,700 *				155
160	42.7	283.8	12,400 *	47.7	295.4	13,400 *				160
165	40.5	278.0	12,100 *	45.7	290.6	13,000 *	57.3	308.5	11,200	165
170	38.2	271.7	11,900 *	43.7	285.4	12,700 *	55.6	305.0	10,600	170
175	35.8	264.8	11,600 *	41.5	279.7	12,400 *	53.8	301.4	10,100	175
180	33.2	257.3	11,200 *	39.3	273.7	12,100 *	52.0	297.5	9,600	180
185	30.4	249.0	10,600 *	36.9	267.1	11,800 *	50.1	293.3	9,200	185
190	27.4	239.6	10,000 *	34.4	259.9	11,600 *	48.2	288.9	8,700	190
195	24.0	228.8	9,400 *	31.8	252.0	10,900 *	46.3	284.1	8,300	195
200	20.0	215.9	8,800 *	28.9	243.2	10,300 *	44.2	279.0	7,900	200
205	15.1	199.2	8,100 *	25.7	233.1	9,700 *	42.1	273.5	7,500	205
210	7.0	171.4	6,600 *	22.0	221.3	9,100 *	39.9	267.6	7,200	210
220				11.6	186.3	8,000 *	35.1	254.1	6,500	220
230							29.6	237.8	5,900	230
240							23.0	216.8	5,300	240
250							13.4	184.8	4,700	250

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.8	353.5	18,700 *							65
70	74.4	352.1	18,500 *							70
75	72.9	350.6	18,300 *							75
80	71.5	348.9	18,000 *							80
85	70.1	347.1	17,700 *							85
90	68.6	345.1	17,500 *							90
95	67.1	343.0	17,300 *	70.7	346.9	17,200 *				95
100	65.6	340.7	17,000 *	69.3	345.0	17,000 *				100
105	64.1	338.3	16,700 *	67.8	343.0	16,800 *				105
110	62.6	335.7	16,200 *	66.3	340.8	16,600 *				110
115	61.0	332.9	15,700 *	64.8	338.4	16,500 *				115
120	59.5	330.0	15,200 *	63.3	335.9	16,300 *				120
125	57.9	326.8	14,700 *	61.8	333.2	16,100 *				125
130	56.2	323.5	14,300 *	60.2	330.3	15,600 *				130
135	54.5	319.9	13,900 *	58.6	327.3	15,100 *				135
140	52.8	316.1	13,500 *	57.0	324.0	14,600 *				140
145	51.1	312.1	13,100 *	55.3	320.6	14,200 *				145
150	49.3	307.8	12,800 *	53.7	316.9	13,800 *				150
155	47.5	303.3	12,500 *	51.9	313.0	13,400 *				155
160	45.6	298.4	12,200 *	50.2	308.8	13,100 *				160
165	43.6	293.2	11,900 *	48.4	304.4	12,800 *				165
170	41.6	287.6	11,600 *	46.5	299.7	12,400 *	57.4	317.1	10,300	170
175	39.4	281.5	11,400 *	44.6	294.6	12,100 *	55.8	313.7	9,800	175
180	37.2	275.0	11,000 *	42.6	289.2	11,900 *	54.1	310.1	9,300	180
185	34.9	267.9	10,300 *	40.5	283.4	11,600 *	52.4	306.3	8,900	185
190	32.4	260.2	9,700 *	38.3	277.1	11,300 *	50.6	302.2	8,400	190
195	29.6	251.6	9,100 *	36.0	270.3	10,700 *	48.8	297.8	8,000	195
200	26.7	241.9	8,600 *	33.6	262.9	10,100 *	47.0	293.2	7,600	200
205	23.4	230.8	8,100 *	31.0	254.7	9,500 *	45.1	288.2	7,200	205
210	19.5	217.5	7,500 *	28.1	245.6	8,900 *	43.1	282.9	6,900	210
220				21.4	223.1	7,900 *	38.9	271.1	6,200	220
230	6.8	171.9	5,500 *	11.3	187.2	6,800 *	34.2	257.2	5,600	230
240							28.9	240.3	5,000	240
250							22.4	218.7	4,500	250
260							13.1	185.9	4,000	260



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

140 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.9	334.2	19,200 *							60
65	74.3	332.8	18,900 *							65
70	72.8	331.2	18,700 *							70
75	71.2	329.5	18,500 *							75
80	69.6	327.6	18,300 *							80
85	67.9	325.5	18,000 *							85
90	66.3	323.3	17,800 *	70.3	327.4	18,400 *				90
95	64.6	320.9	17,200 *	68.7	325.5	18,200 *				95
100	63.0	318.4	16,500 *	67.1	323.3	18,000 *				100
105	61.2	315.6	15,800 *	65.4	321.0	17,700 *				105
110	59.5	312.7	15,200 *	63.8	318.6	17,000 *				110
115	57.7	309.5	14,700 *	62.1	315.9	16,300 *				115
120	55.9	306.1	14,200 *	60.3	313.0	15,700 *				120
125	54.0	302.5	13,700 *	58.6	310.0	15,100 *				125
130	52.1	298.6	13,300 *	56.8	306.7	14,600 *				130
135	50.2	294.4	12,900 *	54.9	303.2	14,100 *				135
140	48.2	289.9	12,500 *	53.1	299.4	13,600 *				140
145	46.1	285.1	12,100 *	51.1	295.3	13,200 *				145
150	43.9	279.9	11,700 *	49.1	291.0	12,800 *				150
155	41.7	274.4	11,400 *	47.1	286.4	12,400 *				155
160	39.3	268.3	11,100 *	45.0	281.4	12,000 *	57.2	299.8	12,400	160
165	36.8	261.7	10,800 *	42.8	276.0	11,700 *	55.4	296.3	11,800	165
170	34.2	254.4	10,600 *	40.5	270.2	11,400 *	53.5	292.6	11,200	170
175	31.3	246.3	10,300 *	38.0	263.8	11,100 *	51.6	288.7	10,700	175
180	28.2	237.2	10,100 *	35.5	256.9	10,800 *	49.7	284.4	10,200	180
185	24.7	226.7	9,900 *	32.7	249.2	10,500 *	47.6	279.9	9,700	185
190	20.7	214.2	9,700 *	29.7	240.6	10,300 *	45.5	275.0	9,300	190
195	15.6	198.0	9,500 *	26.5	230.9	10,000 *	43.4	269.7	8,900	195
200	7.3	170.9	8,100 *	22.7	219.4	9,800 *	41.1	264.0	8,500	200
205				18.2	205.3	9,600 *	38.7	257.8	8,100	205
210				12.0	185.4	9,500 *	36.2	251.0	7,700	210
220							30.5	235.2	7,000	220
230							23.7	214.9	6,400	230
240							13.9	183.8	5,800	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

140 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.1	343.2	18,600 *							65
70	73.6	341.7	18,400 *							70
75	72.1	340.1	18,200 *							75
80	70.6	338.3	17,900 *							80
85	69.1	336.4	17,700 *							85
90	67.6	334.3	17,400 *							90
95	66.0	332.0	16,800 *	69.8	336.2	17,300 *				95
100	64.4	329.6	16,100 *	68.3	334.2	17,100 *				100
105	62.8	327.0	15,500 *	66.7	332.1	16,900 *				105
110	61.2	324.3	15,000 *	65.2	329.7	16,700 *				110
115	59.5	321.3	14,400 *	63.6	327.2	16,000 *				115
120	57.8	318.2	13,900 *	62.0	324.6	15,400 *				120
125	56.1	314.8	13,500 *	60.3	321.7	14,900 *				125
130	54.4	311.2	13,100 *	58.6	318.6	14,300 *				130
135	52.6	307.4	12,600 *	56.9	315.4	13,900 *				135
140	50.7	303.3	12,300 *	55.2	311.9	13,400 *				140
145	48.8	298.9	11,900 *	53.4	308.2	13,000 *				145
150	46.9	294.2	11,600 *	51.6	304.2	12,600 *				150
155	44.9	289.2	11,300 *	49.7	300.0	12,200 *				155
160	42.8	283.8	11,000 *	47.8	295.4	11,800 *				160
165	40.6	278.0	10,700 *	45.8	290.6	11,500 *	57.4	308.5	11,600	165
170	38.3	271.7	10,400 *	43.8	285.4	11,200 *	55.7	305.0	11,100	170
175	35.9	264.9	10,200 *	41.6	279.8	10,900 *	53.9	301.4	10,500	175
180	33.3	257.3	9,900 *	39.4	273.7	10,600 *	52.1	297.5	10,000	180
185	30.5	249.0	9,700 *	37.0	267.1	10,400 *	50.2	293.3	9,600	185
190	27.5	239.6	9,500 *	34.5	259.9	10,100 *	48.3	288.9	9,100	190
195	24.1	228.8	9,300 *	31.9	252.0	9,900 *	46.3	284.1	8,700	195
200	20.1	215.9	9,100 *	29.0	243.2	9,700 *	44.3	279.0	8,300	200
205	15.2	199.2	8,600 *	25.8	233.1	9,500 *	42.2	273.5	7,900	205
210	7.1	171.4	7,100 *	22.1	221.3	9,300 *	40.0	267.6	7,600	210
220				11.7	186.3	8,500 *	35.2	254.1	6,900	220
230							29.7	237.8	6,300	230
240							23.1	216.8	5,700	240
250							13.5	184.9	5,200	250



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On

Luffing Jib No. 139 On Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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

140 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.9	353.6	17,500 *							65
70	74.4	352.1	17,300 *							70
75	73.0	350.6	17,000 *							75
80	71.6	348.9	16,800 *							80
85	70.1	347.1	16,500 *							85
90	68.7	345.1	16,300 *							90
95	67.2	343.0	16,100 *	70.8	346.9	16,100 *				95
100	65.7	340.7	15,800 *	69.4	345.0	16,000 *				100
105	64.2	338.3	15,200 *	67.9	343.0	15,800 *				105
110	62.7	335.7	14,700 *	66.4	340.8	15,600 *				110
115	61.1	332.9	14,200 *	64.9	338.4	15,400 *				115
120	59.5	330.0	13,700 *	63.4	335.9	15,100 *				120
125	57.9	326.8	13,200 *	61.9	333.2	14,600 *				125
130	56.3	323.5	12,800 *	60.3	330.3	14,100 *				130
135	54.6	319.9	12,400 *	58.7	327.3	13,600 *				135
140	52.9	316.2	12,100 *	57.1	324.0	13,200 *				140
145	51.2	312.1	11,700 *	55.4	320.6	12,700 *				145
150	49.4	307.8	11,400 *	53.7	316.9	12,400 *				150
155	47.6	303.3	11,100 *	52.0	313.0	12,000 *				155
160	45.7	298.4	10,800 *	50.3	308.8	11,700 *				160
165	43.7	293.2	10,500 *	48.4	304.4	11,300 *				165
170	41.7	287.6	10,300 *	46.6	299.7	11,000 *	57.5	317.2	10,700	170
175	39.5	281.6	10,000 *	44.6	294.6	10,800 *	55.9	313.8	10,200	175
180	37.3	275.0	9,800 *	42.6	289.2	10,500 *	54.2	310.1	9,700	180
185	34.9	268.0	9,600 *	40.6	283.4	10,200 *	52.5	306.3	9,200	185
190	32.4	260.2	9,400 *	38.4	277.1	10,000 *	50.7	302.2	8,800	190
195	29.7	251.6	9,200 *	36.1	270.3	9,800 *	48.9	297.8	8,300	195
200	26.8	241.9	9,000 *	33.7	262.9	9,600 *	47.1	293.2	8,000	200
205	23.5	230.8	8,600 *	31.1	254.8	9,400 *	45.1	288.2	7,600	205
210	19.6	217.6	8,000 *	28.2	245.6	9,200 *	43.2	282.9	7,200	210
220		171.9	6,000 *	21.5	223.2	8,400 *	39.0	271.1	6,500	220
230				11.4	187.3	7,300 *	34.3	257.2	5,900	230
240							29.0	240.4	5,400	240
250							22.5	218.8	4,800	250
260							13.2	186.0	4,300	260

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

140 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	362.6	16,000 *							70
75	73.8	361.1	15,800 *							75
80	72.5	359.5	15,500 *							80
85	71.1	357.8	15,300 *							85
90	69.7	355.9	15,100 *							90
95	68.3	353.9	14,900 *							95
100	66.9	351.7	14,600 *	70.4	355.7	14,700 *				100
105	65.5	349.4	14,500 *	69.0	353.8	14,500 *				105
110	64.0	347.0	14,300 *	67.6	351.7	14,400 *				110
115	62.6	344.4	13,800 *	66.1	349.5	14,200 *				115
120	61.1	341.6	13,400 *	64.7	347.1	14,100 *				120
125	59.6	338.6	12,900 *	63.3	344.6	13,900 *				125
130	58.0	335.5	12,500 *	61.8	341.9	13,700 *				130
135	56.5	332.2	12,200 *	60.3	339.0	13,300 *				135
140	54.9	328.7	11,800 *	58.8	336.0	12,900 *				140
145	53.3	324.9	11,500 *	57.2	332.7	12,500 *				145
150	51.6	321.0	11,200 *	55.6	329.3	12,100 *				150
155	49.9	316.8	10,900 *	54.0	325.7	11,700 *				155
160	48.2	312.3	10,600 *	52.4	321.8	11,400 *				160
165	46.4	307.5	10,300 *	50.7	317.7	11,100 *				165
170	44.5	302.5	10,100 *	49.0	313.4	10,800 *				170
175	42.6	297.0	9,800 *	47.2	308.8	10,500 *	57.6	325.8	9,900	175
180	40.6	291.2	9,600 *	45.4	303.8	10,300 *	56.1	322.5	9,400	180
185	38.6	285.0	9,400 *	43.5	298.6	10,000 *	54.5	318.9	8,900	185
190	36.4	278.3	9,200 *	41.6	293.0	9,800 *	52.8	315.1	8,500	190
195	34.1	271.0	9,000 *	39.6	287.0	9,600 *	51.2	311.1	8,100	195
200	31.7	263.0	8,800 *	37.4	280.5	9,400 *	49.5	306.8	7,700	200
205	29.0	254.1	8,300 *	35.2	273.5	9,200 *	47.7	302.2	7,300	205
210	26.1	244.2	7,800 *	32.8	265.8	9,000 *	45.9	297.4	6,900	210
220	19.1	219.2	6,900 *	27.5	248.0	8,100 *	42.1	286.7	6,300	220
230				21.0	224.9	7,200 *	38.0	274.5	5,700	230
240				11.1	188.2	6,200 *	33.5	260.1	5,100	240
250							28.3	242.8	4,600	250
260							22.0	220.6	4,100	260

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

140 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	74.9	343.2	15,700 *							65
70	73.4	341.7	15,400 *							70
75	71.9	340.1	15,100 *							75
80	70.4	338.3	14,800 *							80
85	68.9	336.4	14,500 *							85
90	67.4	334.3	14,200 *							90
95	65.8	332.1	13,900 *	69.6	336.3	14,300 *				95
100	64.2	329.7	13,600 *	68.1	334.3	14,100 *				100
105	62.6	327.1	13,400 *	66.5	332.1	13,800 *				105
110	61.0	324.3	13,100 *	65.0	329.8	13,600 *				110
115	59.3	321.4	12,900 *	63.4	327.3	13,300 *				115
120	57.6	318.2	12,600 *	61.8	324.6	13,100 *				120
125	55.9	314.8	12,400 *	60.1	321.7	12,900 *				125
130	54.2	311.3	12,000 *	58.4	318.7	12,700 *				130
135	52.4	307.4	11,600 *	56.7	315.4	12,400 *				135
140	50.5	303.3	11,200 *	55.0	311.9	12,200 *				140
145	48.6	299.0	10,900 *	53.2	308.2	11,900 *				145
150	46.7	294.3	10,500 *	51.4	304.2	11,500 *				150
155	44.7	289.3	10,200 *	49.5	300.0	11,200 *				155
160	42.6	283.9	9,900 *	47.6	295.5	10,800 *				160
165	40.4	278.1	9,700 *	45.6	290.6	10,500 *	57.2	308.5	11,800 *	165
170	38.1	271.8	9,400 *	43.6	285.4	10,200 *	55.5	305.1	11,200	170
175	35.7	264.9	9,200 *	41.4	279.8	9,900 *	53.7	301.4	10,700	175
180	33.1	257.4	8,900 *	39.2	273.8	9,600 *	51.9	297.5	10,200	180
185	30.3	249.1	8,700 *	36.8	267.2	9,400 *	50.0	293.4	9,800	185
190	27.3	239.7	8,500 *	34.3	260.0	9,100 *	48.1	288.9	9,300	190
195	23.9	228.9	8,300 *	31.7	252.1	8,900 *	46.2	284.2	8,900	195
200	20.0	216.0	8,100 *	28.8	243.3	8,700 *	44.1	279.1	8,500	200
205	15.0	199.4	8,000 *	25.6	233.2	8,500 *	42.0	273.6	8,100	205
210	7.0	171.8	7,400 *	21.9	221.4	8,300 *	39.8	267.6	7,800	210
220				11.6	186.6	8,000 *	35.0	254.2	7,100	220
230							29.6	237.9	6,500	230
240							22.9	216.9	5,900	240
250							13.4	185.1	5,400	250

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

140 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.7	353.6	15,100 *							65
70	74.3	352.2	14,800 *							70
75	72.8	350.6	14,600 *							75
80	71.4	349.0	14,300 *							80
85	70.0	347.1	14,000 *							85
90	68.5	345.2	13,700 *							90
95	67.0	343.1	13,400 *	70.6	347.0	13,800 *				95
100	65.5	340.8	13,200 *	69.2	345.1	13,600 *				100
105	64.0	338.4	13,000 *	67.7	343.0	13,300 *				105
110	62.5	335.8	12,800 *	66.2	340.8	13,100 *				110
115	60.9	333.0	12,500 *	64.7	338.5	12,900 *				115
120	59.4	330.0	12,300 *	63.2	335.9	12,700 *				120
125	57.8	326.9	12,100 *	61.7	333.3	12,500 *				125
130	56.1	323.5	11,800 *	60.1	330.4	12,300 *				130
135	54.5	320.0	11,400 *	58.5	327.3	12,100 *				135
140	52.8	316.2	11,000 *	56.9	324.1	11,900 *				140
145	51.0	312.2	10,700 *	55.3	320.6	11,700 *				145
150	49.2	307.9	10,400 *	53.6	317.0	11,300 *				150
155	47.4	303.3	10,100 *	51.8	313.1	11,000 *				155
160	45.5	298.5	9,800 *	50.1	308.9	10,600 *				160
165	43.5	293.2	9,500 *	48.3	304.5	10,300 *				165
170	41.5	287.6	9,300 *	46.4	299.8	10,000 *	57.3	317.2	11,100	170
175	39.4	281.6	9,000 *	44.5	294.7	9,700 *	55.7	313.8	10,500	175
180	37.1	275.1	8,800 *	42.5	289.3	9,500 *	54.0	310.2	10,100	180
185	34.8	268.0	8,600 *	40.4	283.5	9,200 *	52.3	306.4	9,600	185
190	32.3	260.3	8,400 *	38.2	277.2	9,000 *	50.5	302.3	9,200	190
195	29.6	251.7	8,200 *	35.9	270.4	8,800 *	48.7	297.9	8,700	195
200	26.6	242.0	8,000 *	33.5	263.0	8,600 *	46.9	293.3	8,300	200
205	23.3	230.9	7,800 *	30.9	254.8	8,400 *	45.0	288.3	8,000	205
210	19.5	217.7	7,700 *	28.1	245.7	8,200 *	43.0	283.0	7,600	210
220				21.4	223.3	7,800 *	38.8	271.1	6,900	220
230	6.8	172.3	6,400 *	11.3	187.5	7,500 *	34.1	257.2	6,300	230
240							28.8	240.4	5,800	240
250							22.4	218.9	5,200	250
260							13.1	186.2	4,700	260



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On

Luffing Jib No. 139 On Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	362.6	14,100 *							70
75	73.6	361.1	13,900 *							75
80	72.3	359.5	13,700 *							80
85	70.9	357.8	13,400 *							85
90	69.5	355.9	13,100 *							90
95	68.1	353.9	12,900 *							95
100	66.7	351.8	12,700 *	70.2	355.8	12,900 *				100
105	65.3	349.5	12,500 *	68.8	353.8	12,700 *				105
110	63.8	347.0	12,300 *	67.4	351.8	12,500 *				110
115	62.4	344.4	12,100 *	66.0	349.5	12,400 *				115
120	60.9	341.6	11,900 *	64.5	347.2	12,200 *				120
125	59.4	338.7	11,700 *	63.1	344.6	12,000 *				125
130	57.9	335.6	11,500 *	61.6	341.9	11,800 *				130
135	56.3	332.2	11,200 *	60.1	339.1	11,700 *				135
140	54.7	328.7	10,900 *	58.6	336.0	11,500 *				140
145	53.1	325.0	10,500 *	57.0	332.8	11,400 *				145
150	51.4	321.0	10,200 *	55.5	329.4	11,100 *				150
155	49.7	316.8	9,900 *	53.9	325.7	10,800 *				155
160	48.0	312.3	9,600 *	52.2	321.9	10,500 *				160
165	46.2	307.6	9,400 *	50.6	317.8	10,200 *				165
170	44.4	302.5	9,100 *	48.8	313.4	9,900 *				170
175	42.5	297.1	8,900 *	47.1	308.8	9,600 *	57.5	325.9	10,200	175
180	40.5	291.3	8,700 *	45.3	303.9	9,300 *	55.9	322.5	9,700	180
185	38.4	285.1	8,500 *	43.4	298.7	9,100 *	54.3	318.9	9,200	185
190	36.2	278.4	8,300 *	41.4	293.1	8,900 *	52.7	315.1	8,800	190
195	33.9	271.1	8,100 *	39.4	287.0	8,600 *	51.0	311.1	8,400	195
200	31.5	263.1	7,900 *	37.3	280.6	8,400 *	49.3	306.8	8,000	200
205	28.9	254.2	7,700 *	35.0	273.6	8,200 *	47.5	302.3	7,600	205
210	26.0	244.3	7,600 *	32.7	265.9	8,100 *	45.7	297.5	7,200	210
220	19.0	219.3	7,300 *	27.4	248.1	7,700 *	41.9	286.8	6,600	220
230				20.9	225.1	7,400 *	37.8	274.5	6,000	230
240				11.0	188.4	6,700 *	33.3	260.2	5,400	240
250							28.1	242.9	4,900	250
260							21.8	220.8	4,400	260
270							12.7	187.2	4,000	270

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	373.0	13,300 *							70
75	74.4	371.6	13,100 *							75
80	73.1	370.0	12,900 *							80
85	71.8	368.4	12,700 *							85
90	70.4	366.6	12,500 *							90
95	69.1	364.7	12,300 *							95
100	67.8	362.7	12,100 *							100
105	66.4	360.5	11,900 *	69.8	364.6	12,000 *				105
110	65.1	358.2	11,700 *	68.4	362.6	11,900 *				110
115	63.7	355.7	11,500 *	67.1	360.5	11,700 *				115
120	62.3	353.1	11,400 *	65.7	358.2	11,600 *				120
125	60.9	350.3	11,200 *	64.3	355.8	11,400 *				125
130	59.4	347.4	11,000 *	62.9	353.3	11,300 *				130
135	58.0	344.2	10,900 *	61.5	350.6	11,100 *				135
140	56.5	340.9	10,600 *	60.1	347.7	11,000 *				140
145	55.0	337.4	10,300 *	58.7	344.7	10,800 *				145
150	53.4	333.7	10,000 *	57.2	341.5	10,700 *				150
155	51.8	329.8	9,700 *	55.7	338.1	10,600 *				155
160	50.2	325.7	9,400 *	54.1	334.5	10,200 *				160
165	48.6	321.3	9,200 *	52.6	330.7	10,000 *				165
170	46.9	316.7	9,000 *	51.0	326.6	9,700 *				170
175	45.1	311.7	8,700 *	49.4	322.4	9,400 *				175
180	43.3	306.5	8,500 *	47.7	317.8	9,200 *	57.6	334.6	9,400	180
185	41.5	300.9	8,300 *	46.0	313.0	8,900 *	56.1	331.2	8,900	185
190	39.5	294.9	8,100 *	44.2	308.0	8,700 *	54.5	327.7	8,500	190
195	37.5	288.5	7,900 *	42.4	302.5	8,500 *	53.0	323.9	8,100	195
200	35.4	281.5	7,800 *	40.5	296.7	8,300 *	51.4	319.9	7,700	200
205	33.2	274.0	7,600 *	38.5	290.5	8,100 *	49.8	315.7	7,300	205
210	30.8	265.8	7,400 *	36.4	283.8	7,900 *	48.1	311.3	7,000	210
220	25.4	246.5	7,100 *	31.9	268.7	7,600 *	44.7	301.6	6,300	220
230	18.6	220.9	6,300 *	26.8	250.5	7,300 *	41.0	290.5	5,700	230
240	6.5	173.4	4,400 *	20.4	226.8	6,500 *	37.0	277.9	5,100	240
250				10.7	189.3	5,600 *	32.5	263.1	4,600	250
260							27.5	245.3	4,200	260

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

160 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
55	75.6	335.0	26,600 *							55
60	73.9	333.6	26,300 *							60
65	72.1	332.1	26,100 *							65
70	70.4	330.3	25,900 *							70
75	68.6	328.4	25,600 *							75
80	66.7	326.3	25,400 *							80
85	64.9	323.9	24,700 *	70.0	328.8	25,900 *				85
90	63.0	321.4	23,700 *	68.2	326.8	25,700 *				90
95	61.1	318.7	22,800 *	66.4	324.7	25,600 *				95
100	59.2	315.8	22,000 *	64.6	322.3	25,000 *				100
105	57.2	312.6	21,200 *	62.7	319.8	24,000 *				105
110	55.2	309.2	20,500 *	60.8	317.0	23,100 *				110
115	53.1	305.5	19,800 *	58.8	314.1	22,200 *				115
120	50.9	301.5	19,200 *	56.8	310.8	21,500 *				120
125	48.7	297.2	18,600 *	54.8	307.4	20,700 *				125
130	46.4	292.5	18,000 *	52.7	303.6	20,000 *				130
135	44.0	287.5	17,500 *	50.5	299.6	19,400 *				135
140	41.5	282.0	17,000 *	48.3	295.2	18,800 *				140
145	38.9	276.0	16,300 *	46.0	290.5	18,000 *				145
150	36.1	269.3	15,600 *	43.6	285.4	17,100 *				150
155	33.1	261.9	14,800 *	41.1	279.8	16,200 *	57.1	302.5	11,600	155
160	29.9	253.6	14,200 *	38.4	273.6	15,400 *	55.1	299.1	11,000	160
165	26.3	244.0	13,500 *	35.6	266.9	14,600 *	53.0	295.4	10,500	165
170	22.1	232.5	12,700 *	32.6	259.3	13,900 *	50.8	291.4	10,000	170
175	16.9	217.9	11,900 *	29.3	250.8	13,300 *	48.6	287.0	9,500	175
180	9.1	195.3	10,000 *	25.6	240.9	12,600 *	46.3	282.4	9,000	180
185				21.2	229.0	12,000 *	43.9	277.3	8,500	185
190				15.8	213.6	11,500 *	41.5	271.8	8,100	190
195				6.8	187.3	10,300 *	38.8	265.7	7,700	195
200							36.0	259.0	7,300	200
205							33.0	251.6	7,000	205
210							29.8	243.3	6,600	210
220							21.9	222.1	6,000	220
230							8.7	184.1	5,400	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

160 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	74.8	344.0	25,100 *							60
65	73.1	342.6	24,900 *							65
70	71.5	340.9	24,700 *							70
75	69.8	339.1	24,400 *							75
80	68.1	337.1	24,100 *							80
85	66.4	335.0	23,700 *							85
90	64.6	332.6	23,100 *	69.5	337.6	23,400 *				90
95	62.9	330.1	22,300 *	67.8	335.6	23,200 *				95
100	61.0	327.4	21,500 *	66.1	333.4	23,100 *				100
105	59.2	324.5	20,800 *	64.3	331.0	23,000 *				105
110	57.3	321.3	20,100 *	62.5	328.4	22,600 *				110
115	55.4	317.9	19,500 *	60.7	325.7	21,800 *				115
120	53.5	314.3	18,800 *	58.9	322.7	21,000 *				120
125	51.5	310.4	18,300 *	57.0	319.5	20,300 *				125
130	49.4	306.1	17,700 *	55.1	316.1	19,700 *				130
135	47.3	301.6	17,200 *	53.1	312.4	19,000 *				135
140	45.0	296.7	16,500 *	51.1	308.4	18,500 *				140
145	42.7	291.4	15,900 *	49.0	304.2	17,800 *				145
150	40.3	285.7	15,300 *	46.9	299.6	16,800 *				150
155	37.8	279.4	14,600 *	44.6	294.6	16,000 *				155
160	35.1	272.5	14,000 *	42.3	289.2	15,200 *	57.3	311.2	10,900	160
165	32.2	264.8	13,400 *	39.9	283.4	14,400 *	55.4	307.8	10,300	165
170	29.0	256.2	12,700 *	37.3	277.0	13,700 *	53.4	304.1	9,800	170
175	25.5	246.2	11,900 *	34.6	270.0	13,100 *	51.4	300.2	9,300	175
180	21.4	234.4	11,200 *	31.6	262.1	12,400 *	49.3	296.0	8,800	180
185	16.4	219.4	10,500 *	28.4	253.3	11,800 *	47.2	291.4	8,400	185
190	8.8	196.0	8,800 *	24.8	243.1	11,300 *	45.0	286.5	8,000	190
195				20.6	230.8	10,700 *	42.6	281.2	7,600	195
200				15.3	214.9	10,200 *	40.2	275.4	7,200	200
205				6.6	187.8	9,100 *	37.7	269.1	6,900	205
210							35.0	262.2	6,500	210
220							28.9	245.8	5,900	220
230							21.3	223.9	5,300	230
240							8.4	184.7	4,700	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

160 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.6	354.4	22,600 *							60
65	74.1	353.0	22,300 *							65
70	72.5	351.5	22,100 *							70
75	70.9	349.8	21,800 *							75
80	69.3	347.9	21,600 *							80
85	67.7	345.9	21,300 *							85
90	66.0	343.7	21,100 *	70.6	348.2	20,700 *				90
95	64.4	341.3	20,700 *	69.0	346.4	20,700 *				95
100	62.7	338.8	20,200 *	67.4	344.3	20,500 *				100
105	61.0	336.0	19,700 *	65.8	342.1	20,400 *				105
110	59.3	333.1	19,100 *	64.1	339.7	20,300 *				110
115	57.5	330.0	18,600 *	62.4	337.1	20,200 *				115
120	55.7	326.6	18,000 *	60.7	334.3	19,900 *				120
125	53.8	323.0	17,500 *	58.9	331.4	19,800 *				125
130	51.9	319.2	16,900 *	57.2	328.2	19,300 *				130
135	50.0	315.0	16,400 *	55.4	324.8	18,700 *				135
140	48.0	310.6	15,800 *	53.5	321.2	18,100 *				140
145	45.9	305.9	15,200 *	51.6	317.3	17,300 *				145
150	43.8	300.7	14,700 *	49.6	313.1	16,400 *				150
155	41.5	295.2	14,200 *	47.6	308.6	15,500 *				155
160	39.2	289.2	13,700 *	45.5	303.8	14,700 *				160
165	36.7	282.7	13,200 *	43.4	298.6	14,000 *	57.4	319.9	9,900	165
170	34.1	275.5	12,400 *	41.1	293.0	13,300 *	55.6	316.5	9,400	170
175	31.3	267.6	11,700 *	38.8	286.9	12,600 *	53.8	312.9	8,900	175
180	28.2	258.7	11,000 *	36.3	280.3	12,000 *	51.9	309.0	8,500	180
185	24.8	248.4	10,300 *	33.6	273.0	11,400 *	49.9	304.9	8,000	185
190	20.8	236.2	9,700 *	30.8	264.9	10,800 *	47.9	300.4	7,600	190
195	16.0	220.7	9,000 *	27.6	255.8	10,300 *	45.8	295.7	7,200	195
200	8.6	196.7	7,500 *	24.1	245.2	9,800 *	43.7	290.5	6,800	200
205				20.1	232.6	9,300 *	41.4	285.0	6,500	205
210				14.9	216.2	8,800 *	39.1	279.0	6,100	210
220							34.0	265.2	5,500	220
230							28.1	248.3	4,900	230
240							20.7	225.7	4,400	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

160 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	74.9	363.4	20,000 *							65
70	73.4	361.9	19,800 *							70
75	71.9	360.3	19,500 *							75
80	70.4	358.6	19,300 *							80
85	68.9	356.7	19,100 *							85
90	67.3	354.6	18,800 *							90
95	65.8	352.4	18,600 *	70.1	357.1	18,400 *				95
100	64.2	350.0	18,300 *	68.6	355.1	18,200 *				100
105	62.6	347.4	18,100 *	67.0	353.0	18,100 *				105
110	60.9	344.7	17,700 *	65.5	350.8	17,900 *				110
115	59.3	341.8	17,300 *	63.9	348.4	17,800 *				115
120	57.6	338.7	16,800 *	62.3	345.8	17,600 *				120
125	55.9	335.3	16,400 *	60.7	343.0	17,400 *				125
130	54.1	331.8	15,900 *	59.0	340.0	17,300 *				130
135	52.4	328.0	15,400 *	57.3	336.9	17,200 *				135
140	50.5	323.9	15,000 *	55.6	333.5	17,000 *				140
145	48.6	319.6	14,500 *	53.8	329.9	16,700 *				145
150	46.7	314.9	14,000 *	52.0	326.1	16,000 *				150
155	44.7	310.0	13,600 *	50.2	322.0	15,200 *				155
160	42.6	304.6	13,100 *	48.3	317.6	14,400 *				160
165	40.4	298.9	12,700 *	46.3	312.9	13,600 *				165
170	38.2	292.7	12,200 *	44.3	307.9	12,900 *	57.5	328.5	9,100	170
175	35.8	285.9	11,400 *	42.2	302.5	12,200 *	55.8	325.2	8,600	175
180	33.2	278.5	10,800 *	40.0	296.6	11,600 *	54.1	321.6	8,200	180
185	30.5	270.3	10,100 *	37.7	290.3	11,000 *	52.3	317.8	7,700	185
190	27.5	261.1	9,500 *	35.3	283.5	10,500 *	50.5	313.7	7,300	190
195	24.1	250.5	8,900 *	32.7	275.9	9,900 *	48.6	309.4	6,900	195
200	20.3	238.0	8,300 *	30.0	267.6	9,400 *	46.6	304.8	6,500	200
205	15.5	222.1	7,700 *	26.9	258.1	8,900 *	44.6	299.8	6,200	205
210	8.4	197.4	6,300 *	23.5	247.3	8,500 *	42.5	294.4	5,900	210
220				14.5	217.5	7,600 *	38.1	282.4	5,200	220
230							33.1	268.2	4,700	230
240							27.4	250.7	4,100	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

160 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.2	344.0	22,100 *							60
65	73.6	342.5	21,800 *							65
70	71.9	340.9	21,600 *							70
75	70.2	339.1	21,400 *							75
80	68.5	337.1	21,100 *							80
85	66.8	334.9	20,900 *							85
90	65.0	332.6	20,200 *	69.9	337.5	21,400 *				90
95	63.3	330.1	19,400 *	68.2	335.5	21,200 *				95
100	61.5	327.3	18,700 *	66.5	333.3	21,100 *				100
105	59.6	324.4	18,000 *	64.7	331.0	20,400 *				105
110	57.8	321.2	17,400 *	62.9	328.4	19,600 *				110
115	55.8	317.9	16,800 *	61.1	325.6	18,900 *				115
120	53.9	314.2	16,200 *	59.3	322.7	18,200 *				120
125	51.9	310.3	15,700 *	57.4	319.5	17,500 *				125
130	49.8	306.1	15,200 *	55.5	316.0	16,900 *				130
135	47.7	301.5	14,700 *	53.5	312.3	16,400 *				135
140	45.4	296.6	14,300 *	51.5	308.4	15,800 *				140
145	43.1	291.3	13,900 *	49.4	304.1	15,300 *				145
150	40.7	285.6	13,500 *	47.3	299.5	14,900 *				150
155	38.2	279.3	13,200 *	45.0	294.5	14,400 *				155
160	35.5	272.4	12,800 *	42.7	289.2	14,000 *	57.7	311.1	11,100	160
165	32.6	264.7	12,500 *	40.3	283.3	13,700 *	55.8	307.7	10,600	165
170	29.4	256.1	12,300 *	37.7	276.9	13,300 *	53.8	304.1	10,000	170
175	25.9	246.1	11,900 *	35.0	269.9	13,000 *	51.8	300.1	9,500	175
180	21.8	234.3	11,300 *	32.0	262.1	12,700 *	49.7	295.9	9,100	180
185	16.8	219.2	10,800 *	28.8	253.2	12,200 *	47.6	291.4	8,600	185
190	9.2	195.7	9,200 *	25.2	243.0	11,600 *	45.4	286.4	8,200	190
195				21.0	230.7	11,100 *	43.0	281.1	7,800	195
200				15.7	214.8	10,600 *	40.6	275.4	7,400	200
205				6.9	187.4	9,500 *	38.1	269.0	7,100	205
210							35.4	262.1	6,700	210
220							29.3	245.7	6,100	220
230							21.6	223.8	5,500	230
240							8.7	184.4	4,900	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

160 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	76.0	354.4	21,500 *							60
65	74.5	353.0	21,300 *							65
70	72.9	351.4	21,100 *							70
75	71.3	349.7	20,900 *							75
80	69.7	347.8	20,700 *							80
85	68.1	345.8	20,500 *							85
90	66.4	343.6	19,800 *	71.0	348.2	20,400 *				90
95	64.8	341.3	19,000 *	69.4	346.3	20,300 *				95
100	63.1	338.7	18,300 *	67.8	344.2	20,100 *				100
105	61.4	336.0	17,600 *	66.1	342.0	19,900 *				105
110	59.6	333.1	17,000 *	64.5	339.6	19,200 *				110
115	57.9	329.9	16,400 *	62.8	337.1	18,500 *				115
120	56.1	326.6	15,900 *	61.1	334.3	17,800 *				120
125	54.2	323.0	15,400 *	59.3	331.3	17,200 *				125
130	52.3	319.1	14,900 *	57.6	328.1	16,600 *				130
135	50.4	315.0	14,500 *	55.7	324.7	16,100 *				135
140	48.4	310.5	14,100 *	53.9	321.1	15,600 *				140
145	46.3	305.8	13,700 *	52.0	317.2	15,100 *				145
150	44.1	300.7	13,300 *	50.0	313.0	14,600 *				150
155	41.9	295.1	13,000 *	48.0	308.5	14,200 *				155
160	39.6	289.1	12,700 *	45.9	303.7	13,800 *				160
165	37.1	282.6	12,400 *	43.8	298.5	13,400 *	57.8	319.8	10,400	165
170	34.5	275.4	12,100 *	41.5	292.9	13,100 *	56.0	316.4	9,900	170
175	31.7	267.5	11,700 *	39.1	286.8	12,800 *	54.1	312.8	9,400	175
180	28.6	258.5	11,200 *	36.6	280.2	12,500 *	52.2	308.9	8,900	180
185	25.2	248.3	10,900 *	34.0	272.9	12,000 *	50.3	304.8	8,500	185
190	21.2	236.1	10,300 *	31.1	264.8	11,400 *	48.3	300.4	8,100	190
195	16.3	220.5	9,600 *	28.0	255.6	10,900 *	46.2	295.6	7,700	195
200	8.9	196.4	8,000 *	24.5	245.1	10,400 *	44.1	290.5	7,300	200
205				20.4	232.4	9,900 *	41.8	284.9	6,900	205
210				15.3	216.0	9,500 *	39.5	278.9	6,600	210
220							34.4	265.2	6,000	220
230							28.5	248.2	5,400	230
240							21.0	225.6	4,800	240
250							8.5	185.1	4,300	250



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.2	363.4	19,800 *							65
70	73.8	361.9	19,600 *							70
75	72.3	360.3	19,400 *							75
80	70.8	358.5	19,100 *							80
85	69.2	356.6	18,900 *							85
90	67.7	354.6	18,600 *							90
95	66.1	352.3	18,500 *	70.5	357.0	18,300 *				95
100	64.5	350.0	17,900 *	69.0	355.1	18,200 *				100
105	62.9	347.4	17,200 *	67.4	353.0	18,000 *				105
110	61.3	344.7	16,700 *	65.8	350.7	17,900 *				110
115	59.7	341.7	16,100 *	64.3	348.3	17,700 *				115
120	58.0	338.6	15,600 *	62.7	345.7	17,400 *				120
125	56.3	335.3	15,100 *	61.0	342.9	16,800 *				125
130	54.5	331.7	14,700 *	59.4	340.0	16,300 *				130
135	52.7	327.9	14,200 *	57.7	336.8	15,700 *				135
140	50.9	323.8	13,900 *	56.0	333.4	15,300 *				140
145	49.0	319.5	13,500 *	54.2	329.8	14,800 *				145
150	47.1	314.9	13,100 *	52.4	326.0	14,400 *				150
155	45.0	309.9	12,800 *	50.6	321.9	14,000 *				155
160	43.0	304.6	12,500 *	48.7	317.5	13,600 *				160
165	40.8	298.8	12,200 *	46.7	312.8	13,200 *				165
170	38.5	292.6	11,900 *	44.7	307.8	12,900 *	57.9	328.5	9,500	170
175	36.1	285.8	11,600 *	42.6	302.4	12,600 *	56.2	325.1	9,000	175
180	33.6	278.4	11,100 *	40.4	296.6	12,200 *	54.4	321.6	8,500	180
185	30.8	270.2	10,700 *	38.1	290.2	11,600 *	52.7	317.7	8,100	185
190	27.8	261.0	10,100 *	35.7	283.4	11,000 *	50.8	313.7	7,700	190
195	24.5	250.4	9,500 *	33.1	275.8	10,500 *	48.9	309.3	7,300	195
200	20.6	237.8	8,900 *	30.3	267.5	10,000 *	47.0	304.7	6,900	200
205	15.9	221.9	8,300 *	27.3	258.0	9,500 *	45.0	299.7	6,600	205
210	8.6	197.1	6,800 *	23.9	247.2	9,000 *	42.9	294.4	6,200	210
220				14.9	217.3	8,200 *	38.4	282.4	5,600	220
230							33.5	268.1	5,000	230
240							27.7	250.6	4,500	240
250							20.5	227.3	4,000	250

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	76.0	373.7	18,000 *							65
70	74.6	372.3	17,800 *							70
75	73.1	370.8	17,600 *							75
80	71.7	369.1	17,300 *							80
85	70.3	367.3	17,100 *							85
90	68.8	365.4	16,900 *							90
95	67.3	363.3	16,700 *							95
100	65.8	361.0	16,500 *	70.0	365.8	16,400 *				100
105	64.3	358.6	16,300 *	68.5	363.8	16,300 *				105
110	62.8	356.1	16,100 *	67.1	361.7	16,100 *				110
115	61.3	353.3	15,700 *	65.6	359.4	15,900 *				115
120	59.7	350.4	15,200 *	64.1	357.0	15,800 *				120
125	58.1	347.3	14,800 *	62.5	354.4	15,700 *				125
130	56.4	344.0	14,300 *	61.0	351.6	15,500 *				130
135	54.8	340.4	13,900 *	59.4	348.6	15,300 *				135
140	53.1	336.7	13,500 *	57.8	345.5	14,900 *				140
145	51.3	332.7	13,200 *	56.2	342.1	14,400 *				145
150	49.6	328.4	12,800 *	54.5	338.6	14,000 *				150
155	47.7	323.9	12,500 *	52.8	334.8	13,700 *				155
160	45.8	319.1	12,200 *	51.0	330.8	13,300 *				160
165	43.9	313.9	11,900 *	49.2	326.5	13,000 *				165
170	41.9	308.4	11,600 *	47.4	321.9	12,600 *				170
175	39.7	302.4	11,200 *	45.5	317.0	12,300 *	58.0	337.1	8,700	175
180	37.5	296.0	10,800 *	43.5	311.8	11,800 *	56.4	333.8	8,200	180
185	35.2	289.0	10,400 *	41.5	306.1	11,200 *	54.7	330.3	7,800	185
190	32.7	281.3	9,800 *	39.4	300.1	10,600 *	53.0	326.5	7,400	190
195	30.0	272.8	9,200 *	37.1	293.6	10,100 *	51.3	322.5	7,000	195
200	27.1	263.3	8,700 *	34.8	286.5	9,600 *	49.5	318.3	6,600	200
205	23.9	252.5	8,200 *	32.3	278.7	9,100 *	47.7	313.7	6,300	205
210	20.1	239.6	7,600 *	29.5	270.0	8,700 *	45.8	308.9	5,900	210
220	8.4	197.7	5,700 *	23.3	249.2	7,800 *	41.8	298.1	5,300	220
230				14.5	218.5	7,000 *	37.5	285.7	4,800	230
240							32.6	271.0	4,200	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

160 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	74.5	353.0	18,700 *							65
70	73.0	351.4	18,500 *							70
75	71.4	349.7	18,300 *							75
80	69.8	347.9	18,000 *							80
85	68.2	345.8	17,800 *							85
90	66.5	343.6	17,600 *							90
95	64.9	341.3	17,200 *	69.5	346.3	18,000 *				95
100	63.2	338.7	16,600 *	67.9	344.3	17,700 *				100
105	61.5	336.0	15,900 *	66.2	342.0	17,500 *				105
110	59.7	333.1	15,300 *	64.6	339.6	17,200 *				110
115	58.0	329.9	14,800 *	62.9	337.1	16,700 *				115
120	56.2	326.6	14,300 *	61.2	334.3	16,100 *				120
125	54.3	323.0	13,800 *	59.4	331.3	15,500 *				125
130	52.4	319.1	13,400 *	57.7	328.2	14,900 *				130
135	50.5	315.0	12,900 *	55.8	324.7	14,400 *				135
140	48.5	310.6	12,500 *	54.0	321.1	13,900 *				140
145	46.4	305.8	12,200 *	52.1	317.2	13,500 *				145
150	44.2	300.7	11,800 *	50.1	313.0	13,100 *				150
155	42.0	295.1	11,500 *	48.1	308.5	12,700 *				155
160	39.7	289.2	11,200 *	46.0	303.7	12,300 *				160
165	37.2	282.6	10,900 *	43.9	298.5	11,900 *	57.9	319.8	10,600	165
170	34.6	275.5	10,600 *	41.6	292.9	11,600 *	56.1	316.4	10,100	170
175	31.8	267.5	10,400 *	39.2	286.8	11,300 *	54.2	312.8	9,600	175
180	28.7	258.6	10,100 *	36.7	280.2	11,000 *	52.3	309.0	9,100	180
185	25.3	248.3	9,900 *	34.1	272.9	10,700 *	50.4	304.8	8,700	185
190	21.3	236.1	9,700 *	31.2	264.8	10,500 *	48.4	300.4	8,300	190
195	16.4	220.6	9,500 *	28.1	255.7	10,200 *	46.3	295.6	7,900	195
200	9.0	196.4	8,400 *	24.6	245.1	10,000 *	44.2	290.5	7,500	200
205				20.5	232.5	9,800 *	41.9	284.9	7,100	205
210				15.4	216.1	9,600 *	39.6	278.9	6,800	210
220							34.5	265.2	6,200	220
230							28.6	248.2	5,600	230
240							21.1	225.6	5,000	240
250							8.6	185.1	4,500	250

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

160 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.3	363.4	18,200 *							65
70	73.9	361.9	18,000 *							70
75	72.4	360.3	17,800 *							75
80	70.8	358.5	17,500 *							80
85	69.3	356.6	17,300 *							85
90	67.8	354.6	17,000 *							90
95	66.2	352.3	16,700 *	70.6	357.0	16,900 *				95
100	64.6	350.0	16,200 *	69.0	355.1	16,700 *				100
105	63.0	347.4	15,600 *	67.5	353.0	16,500 *				105
110	61.4	344.7	15,000 *	65.9	350.7	16,300 *				110
115	59.8	341.7	14,500 *	64.4	348.3	16,100 *				115
120	58.1	338.6	14,000 *	62.7	345.7	15,800 *				120
125	56.4	335.3	13,500 *	61.1	343.0	15,200 *				125
130	54.6	331.7	13,100 *	59.5	340.0	14,700 *				130
135	52.8	327.9	12,700 *	57.8	336.8	14,200 *				135
140	51.0	323.8	12,300 *	56.0	333.5	13,700 *				140
145	49.1	319.5	12,000 *	54.3	329.8	13,200 *				145
150	47.1	314.9	11,600 *	52.5	326.0	12,800 *				150
155	45.1	309.9	11,300 *	50.6	321.9	12,400 *				155
160	43.1	304.6	11,000 *	48.8	317.5	12,100 *				160
165	40.9	298.8	10,700 *	46.8	312.8	11,700 *				165
170	38.6	292.6	10,500 *	44.8	307.8	11,400 *	58.0	328.5	9,900	170
175	36.2	285.8	10,200 *	42.7	302.4	11,100 *	56.3	325.1	9,400	175
180	33.7	278.4	10,000 *	40.5	296.6	10,800 *	54.5	321.6	9,000	180
185	30.9	270.2	9,700 *	38.2	290.3	10,500 *	52.7	317.8	8,500	185
190	27.9	261.0	9,500 *	35.8	283.4	10,300 *	50.9	313.7	8,100	190
195	24.6	250.4	9,300 *	33.2	275.8	10,100 *	49.0	309.3	7,700	195
200	20.7	237.9	9,200 *	30.4	267.5	9,800 *	47.1	304.7	7,400	200
205	16.0	221.9	8,800 *	27.4	258.0	9,600 *	45.1	299.7	7,000	205
210	8.7	197.1	7,300 *	23.9	247.2	9,400 *	43.0	294.4	6,700	210
220				15.0	217.3	8,700 *	38.5	282.4	6,000	220
230							33.6	268.1	5,500	230
240							27.8	250.6	4,900	240
250							20.6	227.4	4,400	250



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

160 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	74.6	372.3	16,700 *							70
75	73.2	370.8	16,500 *							75
80	71.8	369.2	16,300 *							80
85	70.3	367.3	16,100 *							85
90	68.9	365.4	15,800 *							90
95	67.4	363.3	15,600 *							95
100	65.9	361.1	15,400 *	70.1	365.8	15,500 *				100
105	64.4	358.6	15,300 *	68.6	363.8	15,300 *				105
110	62.9	356.1	14,700 *	67.2	361.7	15,200 *				110
115	61.3	353.3	14,200 *	65.7	359.4	15,100 *				115
120	59.8	350.4	13,700 *	64.1	357.0	14,900 *				120
125	58.2	347.3	13,300 *	62.6	354.4	14,700 *				125
130	56.5	344.0	12,900 *	61.1	351.6	14,400 *				130
135	54.9	340.4	12,500 *	59.5	348.7	13,900 *				135
140	53.2	336.7	12,100 *	57.9	345.5	13,400 *				140
145	51.4	332.7	11,800 *	56.2	342.2	13,000 *				145
150	49.7	328.4	11,400 *	54.6	338.6	12,600 *				150
155	47.8	323.9	11,100 *	52.9	334.8	12,200 *				155
160	45.9	319.1	10,900 *	51.1	330.8	11,900 *				160
165	44.0	313.9	10,600 *	49.3	326.5	11,500 *				165
170	41.9	308.4	10,300 *	47.5	321.9	11,200 *				170
175	39.8	302.4	10,100 *	45.6	317.0	10,900 *				175
180	37.6	296.0	9,800 *	43.6	311.8	10,700 *	56.5	333.8	8,600	180
185	35.3	289.0	9,600 *	41.6	306.2	10,400 *	54.8	330.3	8,100	185
190	32.8	281.3	9,400 *	39.5	300.1	10,200 *	53.1	326.5	7,700	190
195	30.1	272.9	9,200 *	37.2	293.6	9,900 *	51.4	322.5	7,300	195
200	27.2	263.4	9,000 *	34.9	286.5	9,700 *	49.6	318.3	7,000	200
205	24.0	252.5	8,700 *	32.3	278.7	9,500 *	47.8	313.7	6,600	205
210	20.2	239.6	8,100 *	29.6	270.1	9,200 *	45.9	308.9	6,300	210
220	8.5	197.8	6,200 *	23.3	249.2	8,300 *	41.9	298.2	5,700	220
230				14.6	218.5	7,500 *	37.5	285.7	5,100	230
240							32.7	271.0	4,600	240
250							27.1	253.0	4,100	250

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

160 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	75.4	382.7	15,500 *							70
75	74.0	381.3	15,300 *							75
80	72.6	379.7	15,100 *							80
85	71.3	378.0	14,800 *							85
90	69.9	376.1	14,600 *							90
95	68.5	374.2	14,500 *							95
100	67.1	372.0	14,300 *							100
105	65.7	369.8	14,100 *	69.6	374.6	14,100 *				105
110	64.2	367.3	13,900 *	68.2	372.6	14,000 *				110
115	62.8	364.7	13,800 *	66.8	370.4	13,800 *				115
120	61.3	362.0	13,400 *	65.4	368.1	13,700 *				120
125	59.8	359.1	13,000 *	64.0	365.7	13,600 *				125
130	58.2	355.9	12,600 *	62.5	363.1	13,400 *				130
135	56.7	352.7	12,200 *	61.0	360.3	13,300 *				135
140	55.1	349.2	11,900 *	59.5	357.3	13,100 *				140
145	53.5	345.4	11,500 *	58.0	354.2	12,700 *				145
150	51.8	341.5	11,200 *	56.4	350.9	12,300 *				150
155	50.2	337.3	10,900 *	54.8	347.3	12,000 *				155
160	48.4	332.9	10,600 *	53.2	343.6	11,600 *				160
165	46.6	328.2	10,400 *	51.6	339.6	11,300 *				165
170	44.8	323.2	10,100 *	49.9	335.4	11,000 *				170
175	42.9	317.8	9,900 *	48.1	330.9	10,700 *				175
180	40.9	312.1	9,600 *	46.3	326.1	10,400 *				180
185	38.9	305.9	9,400 *	44.5	321.0	10,200 *	56.6	342.5	7,800	185
190	36.7	299.2	9,200 *	42.6	315.6	9,900 *	55.1	339.0	7,400	190
195	34.4	292.0	9,000 *	40.6	309.8	9,700 *	53.4	335.3	7,000	195
200	32.0	284.1	8,900 *	38.5	303.6	9,500 *	51.8	331.4	6,700	200
205	29.4	275.4	8,400 *	36.3	296.8	9,200 *	50.1	327.2	6,300	205
210	26.6	265.7	7,900 *	34.0	289.5	8,800 *	48.4	322.7	6,000	210
220	19.7	241.3	7,000 *	28.9	272.6	7,900 *	44.7	313.0	5,400	220
230	8.3	198.4	5,200 *	22.8	251.1	7,200 *	40.9	301.8	4,800	230
240				14.2	219.7	6,500 *	36.6	289.0	4,300	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

160 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.1	363.4	15,400 *							65
70	73.7	361.9	15,100 *							70
75	72.2	360.3	14,900 *							75
80	70.6	358.6	14,600 *							80
85	69.1	356.7	14,300 *							85
90	67.6	354.6	14,000 *							90
95	66.0	352.4	13,700 *	70.4	357.1	14,100 *				95
100	64.4	350.0	13,500 *	68.9	355.1	13,900 *				100
105	62.8	347.4	13,200 *	67.3	353.0	13,700 *				105
110	61.2	344.7	13,000 *	65.7	350.8	13,500 *				110
115	59.6	341.8	12,700 *	64.2	348.4	13,200 *				115
120	57.9	338.7	12,500 *	62.6	345.8	13,000 *				120
125	56.2	335.3	12,300 *	60.9	343.0	12,800 *				125
130	54.4	331.8	12,100 *	59.3	340.0	12,600 *				130
135	52.6	328.0	11,700 *	57.6	336.9	12,400 *				135
140	50.8	323.9	11,300 *	55.9	333.5	12,200 *				140
145	48.9	319.6	10,900 *	54.1	329.9	12,000 *				145
150	47.0	314.9	10,600 *	52.3	326.1	11,800 *				150
155	45.0	310.0	10,300 *	50.5	322.0	11,400 *				155
160	42.9	304.6	10,000 *	48.6	317.6	11,000 *				160
165	40.7	298.9	9,700 *	46.6	312.9	10,700 *				165
170	38.4	292.7	9,500 *	44.6	307.9	10,400 *	57.8	328.5	10,100	170
175	36.0	285.9	9,200 *	42.5	302.5	10,100 *	56.1	325.2	9,600	175
180	33.5	278.5	9,000 *	40.3	296.6	9,800 *	54.4	321.6	9,100	180
185	30.7	270.3	8,800 *	38.0	290.3	9,500 *	52.6	317.8	8,700	185
190	27.7	261.1	8,600 *	35.6	283.5	9,300 *	50.7	313.7	8,300	190
195	24.4	250.5	8,400 *	33.0	275.9	9,100 *	48.8	309.4	7,900	195
200	20.6	238.0	8,200 *	30.2	267.6	8,800 *	46.9	304.8	7,500	200
205	15.8	222.1	8,000 *	27.2	258.1	8,600 *	44.9	299.8	7,200	205
210	8.6	197.4	7,600 *	23.8	247.3	8,400 *	42.8	294.4	6,800	210
220				14.8	217.5	8,100 *	38.3	282.4	6,200	220
230							33.4	268.2	5,600	230
240							27.6	250.7	5,100	240
250							20.4	227.5	4,600	250
260							8.2	186.1	4,100	260

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

160 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.9	373.8	14,800 *							65
70	74.5	372.4	14,500 *							70
75	73.0	370.9	14,300 *							75
80	71.6	369.2	14,000 *							80
85	70.2	367.4	13,800 *							85
90	68.7	365.4	13,500 *							90
95	67.2	363.3	13,300 *							95
100	65.7	361.1	13,000 *	69.9	365.9	13,400 *				100
105	64.2	358.7	12,800 *	68.4	363.9	13,200 *				105
110	62.7	356.1	12,600 *	67.0	361.8	12,900 *				110
115	61.2	353.4	12,400 *	65.5	359.5	12,800 *				115
120	59.6	350.4	12,200 *	64.0	357.0	12,600 *				120
125	58.0	347.3	12,000 *	62.4	354.4	12,400 *				125
130	56.4	344.0	11,800 *	60.9	351.7	12,200 *				130
135	54.7	340.5	11,500 *	59.3	348.7	12,000 *				135
140	53.0	336.7	11,100 *	57.7	345.6	11,800 *				140
145	51.3	332.7	10,800 *	56.1	342.2	11,700 *				145
150	49.5	328.5	10,400 *	54.4	338.6	11,500 *				150
155	47.6	324.0	10,100 *	52.7	334.8	11,200 *				155
160	45.8	319.1	9,800 *	50.9	330.8	10,900 *				160
165	43.8	314.0	9,600 *	49.2	326.5	10,500 *				165
170	41.8	308.4	9,300 *	47.3	321.9	10,200 *				170
175	39.7	302.5	9,100 *	45.4	317.1	9,900 *	57.9	337.2	9,400	175
180	37.4	296.0	8,800 *	43.4	311.8	9,700 *	56.3	333.9	9,000	180
185	35.1	289.1	8,600 *	41.4	306.2	9,400 *	54.6	330.3	8,500	185
190	32.6	281.4	8,400 *	39.3	300.2	9,100 *	52.9	326.6	8,100	190
195	30.0	272.9	8,200 *	37.0	293.7	8,900 *	51.2	322.6	7,700	195
200	27.0	263.5	8,100 *	34.7	286.6	8,700 *	49.4	318.3	7,400	200
205	23.8	252.6	7,900 *	32.2	278.8	8,500 *	47.6	313.8	7,000	205
210	20.0	239.7	7,700 *	29.5	270.2	8,300 *	45.7	309.0	6,700	210
220	8.4	198.1	6,700 *	23.2	249.3	7,900 *	41.7	298.2	6,100	220
230				14.4	218.7	7,600 *	37.4	285.8	5,500	230
240							32.5	271.1	5,000	240
250							26.9	253.1	4,500	250
260							19.9	229.2	4,000	260



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	382.8	13,800 *							70
75	73.8	381.3	13,600 *							75
80	72.5	379.8	13,400 *							80
85	71.1	378.0	13,200 *							85
90	69.7	376.2	12,900 *							90
95	68.3	374.2	12,700 *							95
100	66.9	372.1	12,500 *	70.9	376.5	12,700 *				100
105	65.5	369.8	12,300 *	69.5	374.7	12,500 *				105
110	64.0	367.4	12,100 *	68.1	372.6	12,300 *				110
115	62.6	364.8	11,900 *	66.7	370.5	12,200 *				115
120	61.1	362.0	11,700 *	65.2	368.2	12,000 *				120
125	59.6	359.1	11,500 *	63.8	365.7	11,800 *				125
130	58.1	356.0	11,400 *	62.3	363.1	11,700 *				130
135	56.5	352.7	11,200 *	60.8	360.3	11,500 *				135
140	54.9	349.2	10,900 *	59.3	357.4	11,400 *				140
145	53.3	345.5	10,600 *	57.8	354.2	11,200 *				145
150	51.7	341.6	10,300 *	56.2	350.9	11,100 *				150
155	50.0	337.4	10,000 *	54.7	347.4	10,900 *				155
160	48.3	333.0	9,700 *	53.0	343.6	10,700 *				160
165	46.5	328.3	9,400 *	51.4	339.7	10,400 *				165
170	44.6	323.2	9,200 *	49.7	335.4	10,100 *				170
175	42.7	317.9	8,900 *	47.9	331.0	9,800 *				175
180	40.8	312.1	8,700 *	46.2	326.2	9,500 *				180
185	38.7	306.0	8,500 *	44.3	321.1	9,300 *	56.5	342.6	8,100	185
190	36.5	299.3	8,300 *	42.4	315.7	9,000 *	54.9	339.1	7,700	190
195	34.3	292.1	8,100 *	40.4	309.9	8,800 *	53.3	335.4	7,300	195
200	31.8	284.2	7,900 *	38.3	303.6	8,600 *	51.6	331.4	7,000	200
205	29.2	275.5	7,800 *	36.2	296.9	8,400 *	49.9	327.2	6,600	205
210	26.4	265.8	7,600 *	33.9	289.6	8,200 *	48.2	322.8	6,300	210
220	19.6	241.4	7,300 *	28.8	272.7	7,800 *	44.6	313.0	5,700	220
230		198.8	5,600 *	22.6	251.3	7,500 *	40.7	301.9	5,100	230
240				14.1	219.9	6,900 *	36.5	289.1	4,600	240
250							31.8	273.9	4,100	250

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	393.1	13,000 *							70
75	74.5	391.8	12,800 *							75
80	73.3	390.3	12,600 *							80
85	71.9	388.6	12,400 *							85
90	70.6	386.9	12,200 *							90
95	69.3	385.0	12,100 *							95
100	68.0	383.0	11,900 *							100
105	66.6	380.8	11,700 *	70.4	385.3	11,800 *				105
110	65.3	378.5	11,500 *	69.1	383.4	11,600 *				110
115	63.9	376.0	11,300 *	67.7	381.4	11,500 *				115
120	62.5	373.4	11,200 *	66.4	379.2	11,400 *				120
125	61.1	370.7	11,000 *	65.0	376.9	11,200 *				125
130	59.6	367.8	10,900 *	63.6	374.4	11,100 *				130
135	58.2	364.7	10,700 *	62.2	371.8	10,900 *				135
140	56.7	361.4	10,600 *	60.8	369.0	10,800 *				140
145	55.2	357.9	10,400 *	59.4	366.0	10,700 *				145
150	53.6	354.3	10,100 *	57.9	362.9	10,600 *				150
155	52.1	350.4	9,800 *	56.4	359.6	10,500 *				155
160	50.5	346.3	9,500 *	54.9	356.1	10,300 *				160
165	48.8	341.9	9,200 *	53.4	352.4	10,100 *				165
170	47.1	337.3	9,000 *	51.8	348.5	9,800 *				170
175	45.4	332.4	8,800 *	50.2	344.3	9,600 *				175
180	43.6	327.2	8,600 *	48.5	339.9	9,300 *				180
185	41.7	321.7	8,300 *	46.8	335.3	9,100 *				185
190	39.8	315.7	8,100 *	45.1	330.3	8,800 *	56.6	351.3	7,400	190
195	37.8	309.4	8,000 *	43.3	325.1	8,600 *	55.1	347.8	7,000	195
200	35.7	302.5	7,800 *	41.4	319.4	8,400 *	53.6	344.1	6,700	200
205	33.5	295.1	7,600 *	39.5	313.4	8,200 *	52.0	340.2	6,300	205
210	31.1	287.0	7,500 *	37.4	307.0	8,000 *	50.4	336.1	6,000	210
220	25.8	268.0	7,200 *	33.1	292.5	7,700 *	47.1	327.1	5,400	220
230	19.1	243.0	6,300 *	28.1	275.2	7,300 *	43.5	317.0	4,800	230
240	8.0	199.4	4,700 *	22.1	253.2	6,600 *	39.7	305.5	4,300	240
250				13.8	221.0	5,900 *				250



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On

Luffing Jib No. 139 On Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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

170 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	74.0	343.7	26,100 *							60
65	72.3	342.2	25,900 *							65
70	70.5	340.4	25,600 *							70
75	68.7	338.5	25,400 *							75
80	66.9	336.4	25,200 *							80
85	65.0	334.1	24,700 *	70.5	339.1	25,500 *				85
90	63.1	331.6	23,800 *	68.7	337.2	25,400 *				90
95	61.2	328.9	22,900 *	66.9	335.1	25,300 *				95
100	59.3	326.0	22,000 *	65.0	332.8	25,200 *				100
105	57.3	322.8	21,300 *	63.1	330.3	24,300 *				105
110	55.3	319.4	20,500 *	61.2	327.6	23,300 *				110
115	53.2	315.8	19,800 *	59.3	324.7	22,500 *				115
120	51.1	311.8	19,200 *	57.3	321.6	21,700 *				120
125	48.9	307.5	18,600 *	55.3	318.2	20,900 *				125
130	46.6	302.9	17,900 *	53.2	314.5	20,200 *				130
135	44.2	297.9	17,200 *	51.1	310.5	19,400 *				135
140	41.7	292.4	16,500 *	48.9	306.2	18,400 *				140
145	39.1	286.4	15,800 *	46.6	301.6	17,400 *				145
150	36.3	279.8	15,100 *	44.2	296.6	16,500 *				150
155	33.4	272.5	14,400 *	41.7	291.1	15,700 *				155
160	30.1	264.2	13,700 *	39.1	285.1	14,900 *	56.5	310.8	10,400	160
165	26.5	254.7	13,100 *	36.3	278.5	14,200 *	54.4	307.3	9,900	165
170	22.4	243.4	12,600 *	33.3	271.2	13,500 *	52.3	303.5	9,400	170
175	17.3	229.1	12,000 *	30.1	262.9	12,800 *	50.2	299.4	8,900	175
180	9.9	207.5	10,200 *	26.5	253.4	12,200 *	47.9	295.0	8,400	180
185				22.4	242.1	11,600 *	45.6	290.2	8,000	185
190				17.3	227.8	11,100 *	43.2	285.0	7,600	190
195				9.8	206.2	10,500 *	40.6	279.3	7,200	195
200							38.0	273.1	6,800	200
205							35.1	266.2	6,500	205
210							32.0	258.5	6,200	210
220							24.9	239.6	5,500	220
230							14.6	210.9	4,900	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

170 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	74.9	354.1	24,400 *							60
65	73.3	352.7	24,200 *							65
70	71.6	351.0	24,100 *							70
75	69.9	349.2	23,800 *							75
80	68.2	347.3	23,500 *							80
85	66.5	345.1	22,900 *							85
90	64.7	342.8	22,300 *	69.9	348.0	22,700 *				90
95	63.0	340.3	21,700 *	68.2	346.0	22,700 *				95
100	61.2	337.6	21,100 *	66.5	343.8	22,600 *				100
105	59.3	334.7	20,400 *	64.7	341.5	22,400 *				105
110	57.5	331.5	19,800 *	63.0	339.0	22,300 *				110
115	55.6	328.1	19,200 *	61.2	336.3	22,000 *				115
120	53.6	324.5	18,500 *	59.3	333.4	21,200 *				120
125	51.6	320.6	17,900 *	57.5	330.2	20,500 *				125
130	49.5	316.4	17,200 *	55.6	326.9	19,900 *				130
135	47.4	311.9	16,600 *	53.6	323.2	19,200 *				135
140	45.2	307.1	16,000 *	51.6	319.3	18,200 *				140
145	42.9	301.8	15,300 *	49.5	315.2	17,200 *				145
150	40.5	296.1	14,700 *	47.4	310.6	16,300 *				150
155	38.0	289.8	14,200 *	45.2	305.8	15,500 *				155
160	35.3	283.0	13,600 *	42.9	300.5	14,700 *				160
165	32.4	275.4	13,000 *	40.5	294.8	14,000 *	56.7	319.5	9,700	165
170	29.2	266.8	12,500 *	37.9	288.5	13,300 *	54.7	316.0	9,200	170
175	25.8	257.0	11,900 *	35.3	281.7	12,600 *	52.8	312.3	8,700	175
180	21.7	245.3	11,300 *	32.4	274.1	12,000 *	50.7	308.3	8,300	180
185	16.8	230.6	10,600 *	29.2	265.5	11,400 *	48.6	304.0	7,900	185
190	9.6	208.3	8,900 *	25.7	255.7	10,900 *	46.5	299.3	7,500	190
195				21.7	244.0	10,300 *	44.2	294.3	7,100	195
200				16.8	229.3	9,800 *	41.9	288.8	6,700	200
205				9.5	207.0	9,400 *	39.4	282.9	6,400	205
210							36.8	276.4	6,000	210
220							31.1	261.3	5,400	220
230							24.1	241.7	4,800	230
240							14.2	212.1	4,300	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

170 Ft. Boom, 160 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.7	364.5	22,000 *							60
65	74.2	363.1	21,900 *							65
70	72.6	361.6	21,500 *							70
75	71.0	359.9	21,300 *							75
80	69.4	358.0	21,100 *							80
85	67.8	356.0	20,800 *							85
90	66.2	353.8	20,500 *	71.0	358.6	20,300 *				90
95	64.5	351.5	20,000 *	69.4	356.8	20,200 *				95
100	62.8	349.0	19,500 *	67.8	354.7	20,100 *				100
105	61.1	346.2	19,000 *	66.2	352.6	19,900 *				105
110	59.4	343.3	18,500 *	64.5	350.2	19,800 *				110
115	57.6	340.2	17,900 *	62.8	347.7	19,700 *				115
120	55.8	336.9	17,400 *	61.1	345.0	19,500 *				120
125	54.0	333.3	16,900 *	59.4	342.0	19,400 *				125
130	52.1	329.4	16,300 *	57.6	338.9	19,300 *				130
135	50.1	325.3	15,800 *	55.8	335.6	18,700 *				135
140	48.1	320.9	15,300 *	54.0	332.0	17,700 *				140
145	46.1	316.2	14,700 *	52.1	328.2	16,700 *				145
150	43.9	311.1	14,200 *	50.1	324.0	15,800 *				150
155	41.7	305.6	13,700 *	48.1	319.6	15,000 *				155
160	39.4	299.7	13,200 *	46.1	314.9	14,200 *				160
165	36.9	293.2	12,700 *	43.9	309.8	13,500 *				165
170	34.3	286.0	12,300 *	41.7	304.3	12,800 *	56.9	328.2	8,800	170
175	31.5	278.2	11,700 *	39.4	298.4	12,200 *	55.0	324.8	8,300	175
180	28.4	269.3	11,000 *	36.9	291.9	11,500 *	53.2	321.1	7,900	180
185	25.0	259.2	10,400 *	34.3	284.8	11,000 *	51.3	317.1	7,500	185
190	21.1	247.1	9,700 *	31.5	276.9	10,400 *	49.3	312.9	7,100	190
195	16.3	232.0	9,100 *	28.4	268.0	9,900 *	47.3	308.4	6,700	195
200	9.3	209.1	7,600 *	25.0	257.9	9,400 *	45.2	303.5	6,300	200
205				21.1	245.8	8,900 *	43.0	298.2	6,000	205
210				16.3	230.7	8,500 *	40.7	292.5	5,700	210
220							35.8	279.6	5,000	220
230							30.2	264.0	4,500	230
240							23.5	243.8	4,000	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

170 Ft. Boom, 170 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.0	373.5	19,600 *							65
70	73.5	372.0	19,300 *							70
75	72.0	370.4	19,100 *							75
80	70.5	368.7	18,900 *							80
85	69.0	366.8	18,600 *							85
90	67.4	364.8	18,400 *							90
95	65.9	362.6	18,200 *	70.5	367.4	18,000 *				95
100	64.3	360.2	17,900 *	69.0	365.5	17,800 *				100
105	62.7	357.6	17,600 *	67.4	363.5	17,700 *				105
110	61.1	354.9	17,200 *	65.9	361.3	17,600 *				110
115	59.4	352.0	16,700 *	64.3	358.9	17,400 *				115
120	57.7	348.9	16,300 *	62.7	356.4	17,300 *				120
125	56.0	345.5	15,800 *	61.1	353.6	17,100 *				125
130	54.3	342.0	15,400 *	59.4	350.7	17,000 *				130
135	52.5	338.2	14,900 *	57.7	347.6	16,800 *				135
140	50.6	334.2	14,500 *	56.0	344.3	16,700 *				140
145	48.8	329.9	14,000 *	54.3	340.7	16,400 *				145
150	46.8	325.3	13,600 *	52.5	336.9	15,500 *				150
155	44.8	320.3	13,100 *	50.6	332.9	14,600 *				155
160	42.7	315.0	12,700 *	48.8	328.6	13,900 *				160
165	40.6	309.3	12,300 *	46.8	324.0	13,100 *				165
170	38.3	303.1	11,900 *	44.8	319.0	12,400 *				170
175	35.9	296.4	11,500 *	42.7	313.7	11,800 *	57.0	336.9	8,000	175
180	33.4	289.0	10,800 *	40.6	308.0	11,200 *	55.3	333.5	7,600	180
185	30.7	280.9	10,200 *	38.3	301.8	10,600 *	53.5	329.8	7,200	185
190	27.7	271.8	9,600 *	35.9	295.1	10,000 *	51.7	325.9	6,800	190
195	24.4	261.3	9,000 *	33.4	287.8	9,500 *	49.9	321.8	6,400	195
200	20.6	248.9	8,400 *	30.7	279.6	9,000 *	48.0	317.4	6,000	200
205	15.9	233.3	7,800 *	27.7	270.5	8,600 *	46.0	312.6	5,700	205
210	9.1	209.8	6,400 *	24.4	260.0	8,100 *	44.0	307.5	5,400	210
220				15.9	232.0	7,300 *	39.6	296.2	4,800	220
230							34.9	282.8	4,200	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

170 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.3	354.1	21,900 *							60
65	73.7	352.6	21,600 *							65
70	72.0	351.0	21,400 *							70
75	70.3	349.2	21,200 *							75
80	68.6	347.2	21,000 *							80
85	66.9	345.1	20,800 *							85
90	65.2	342.7	20,300 *	70.3	347.9	21,200 *				90
95	63.4	340.2	19,500 *	68.6	345.9	21,100 *				95
100	61.6	337.5	18,700 *	66.9	343.8	20,900 *				100
105	59.8	334.6	18,000 *	65.2	341.5	20,700 *				105
110	57.9	331.5	17,400 *	63.4	339.0	19,900 *				110
115	56.0	328.1	16,800 *	61.6	336.2	19,100 *				115
120	54.0	324.5	16,200 *	59.7	333.3	18,400 *				120
125	52.0	320.6	15,700 *	57.9	330.2	17,700 *				125
130	49.9	316.4	15,200 *	56.0	326.8	17,100 *				130
135	47.8	311.9	14,800 *	54.0	323.2	16,500 *				135
140	45.6	307.0	14,300 *	52.0	319.3	16,000 *				140
145	43.3	301.7	13,900 *	49.9	315.1	15,500 *				145
150	40.9	296.0	13,600 *	47.8	310.6	15,000 *				150
155	38.4	289.7	13,200 *	45.6	305.7	14,600 *				155
160	35.7	282.9	12,900 *	43.3	300.4	14,200 *				160
165	32.8	275.3	12,600 *	40.9	294.7	13,800 *	57.1	319.5	9,900	165
170	29.6	266.7	12,000 *	38.3	288.5	13,400 *	55.2	316.0	9,400	170
175	26.1	256.8	11,500 *	35.7	281.6	13,000 *	53.2	312.2	9,000	175
180	22.1	245.2	11,000 *	32.8	274.0	12,400 *	51.1	308.2	8,500	180
185	17.2	230.4	10,600 *	29.6	265.4	11,800 *	49.0	303.9	8,100	185
190	9.9	208.0	9,300 *	26.1	255.6	11,200 *	46.9	299.2	7,700	190
195				22.1	243.9	10,700 *	44.6	294.2	7,300	195
200				17.2	229.1	10,200 *	42.3	288.8	6,900	200
205				9.9	206.6	9,700 *	39.8	282.8	6,600	205
210							37.2	276.3	6,300	210
220							31.5	261.2	5,600	220
230							24.5	241.6	5,100	230
240							14.6	211.9	4,500	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

170 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	74.6	363.1	21,100 *							65
70	73.0	361.5	20,900 *							70
75	71.4	359.8	20,700 *							75
80	69.8	358.0	20,500 *							80
85	68.2	356.0	20,300 *							85
90	66.6	353.8	19,800 *							90
95	64.9	351.4	19,000 *	69.8	356.7	19,800 *				95
100	63.2	348.9	18,300 *	68.2	354.7	19,700 *				100
105	61.5	346.2	17,700 *	66.5	352.5	19,500 *				105
110	59.8	343.3	17,000 *	64.9	350.2	19,400 *				110
115	58.0	340.1	16,500 *	63.2	347.6	18,700 *				115
120	56.2	336.8	15,900 *	61.5	344.9	18,000 *				120
125	54.3	333.2	15,400 *	59.8	342.0	17,400 *				125
130	52.5	329.4	15,000 *	58.0	338.9	16,800 *				130
135	50.5	325.3	14,500 *	56.2	335.5	16,200 *				135
140	48.5	320.9	14,100 *	54.3	331.9	15,700 *				140
145	46.4	316.1	13,700 *	52.4	328.1	15,200 *				145
150	44.3	311.0	13,400 *	50.5	324.0	14,800 *				150
155	42.1	305.5	13,000 *	48.5	319.6	14,300 *				155
160	39.7	299.6	12,700 *	46.4	314.8	13,900 *				160
165	37.3	293.1	12,400 *	44.3	309.7	13,600 *				165
170	34.7	286.0	11,900 *	42.1	304.2	13,200 *	57.2	328.1	9,300	170
175	31.9	278.1	11,400 *	39.7	298.3	12,800 *	55.4	324.7	8,800	175
180	28.8	269.2	10,900 *	37.3	291.8	12,200 *	53.6	321.0	8,400	180
185	25.4	259.0	10,500 *	34.7	284.7	11,600 *	51.6	317.1	7,900	185
190	21.5	247.0	10,100 *	31.9	276.8	11,000 *	49.7	312.8	7,500	190
195	16.7	231.8	9,700 *	28.8	267.9	10,500 *	47.6	308.3	7,200	195
200	9.6	208.8	8,200 *	25.4	257.8	10,000 *	45.5	303.4	6,800	200
205				21.5	245.7	9,500 *	43.4	298.2	6,400	205
210				16.7	230.5	9,100 *	41.1	292.5	6,100	210
220							36.2	279.6	5,500	220
230							30.6	263.9	4,900	230
240							23.8	243.6	4,400	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.3	373.5	19,400 *							65
70	73.9	372.0	19,200 *							70
75	72.4	370.4	19,000 *							75
80	70.9	368.7	18,700 *							80
85	69.3	366.8	18,500 *							85
90	67.8	364.7	18,300 *							90
95	66.2	362.5	18,100 *	70.9	367.4	17,900 *				95
100	64.7	360.1	17,900 *	69.3	365.5	17,800 *				100
105	63.1	357.6	17,300 *	67.8	363.4	17,600 *				105
110	61.4	354.8	16,700 *	66.2	361.2	17,500 *				110
115	59.8	351.9	16,100 *	64.6	358.8	17,400 *				115
120	58.1	348.8	15,600 *	63.0	356.3	17,300 *				120
125	56.4	345.5	15,100 *	61.4	353.6	17,000 *				125
130	54.6	341.9	14,700 *	59.8	350.7	16,400 *				130
135	52.8	338.2	14,300 *	58.1	347.5	15,900 *				135
140	51.0	334.1	13,900 *	56.4	344.2	15,400 *				140
145	49.1	329.8	13,500 *	54.6	340.7	14,900 *				145
150	47.2	325.2	13,200 *	52.8	336.9	14,500 *				150
155	45.2	320.3	12,800 *	51.0	332.8	14,100 *				155
160	43.1	314.9	12,500 *	49.1	328.5	13,700 *				160
165	40.9	309.2	12,000 *	47.2	323.9	13,400 *				165
170	38.7	303.0	11,600 *	45.2	319.0	13,000 *				170
175	36.3	296.3	11,200 *	43.1	313.7	12,300 *	57.4	336.8	8,400	175
180	33.7	288.9	10,800 *	40.9	307.9	11,700 *	55.7	333.4	8,000	180
185	31.0	280.8	10,400 *	38.7	301.8	11,100 *	53.9	329.8	7,500	185
190	28.0	271.7	10,000 *	36.3	295.0	10,600 *	52.1	325.9	7,100	190
195	24.7	261.2	9,500 *	33.7	287.7	10,100 *	50.2	321.7	6,800	195
200	20.9	248.8	8,900 *	31.0	279.5	9,600 *	48.3	317.3	6,400	200
205	16.2	233.2	8,300 *	28.0	270.4	9,100 *	46.4	312.5	6,100	205
210	9.3	209.5	7,000 *	24.7	259.9	8,600 *	44.3	307.5	5,700	210
220				16.2	231.8	7,800 *	40.0	296.1	5,100	220
230							35.2	282.7	4,600	230
240							29.8	266.5	4,100	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	74.7	382.4	17,400 *							70
75	73.2	380.9	17,200 *							75
80	71.8	379.3	17,000 *							80
85	70.4	377.5	16,800 *							85
90	68.9	375.5	16,600 *							90
95	67.4	373.4	16,300 *							95
100	65.9	371.2	16,200 *	70.4	376.2	16,000 *				100
105	64.4	368.8	16,000 *	68.9	374.3	15,900 *				105
110	62.9	366.2	15,800 *	67.4	372.2	15,800 *				110
115	61.4	363.5	15,400 *	65.9	369.9	15,700 *				115
120	59.8	360.6	15,000 *	64.4	367.5	15,500 *				120
125	58.2	357.5	14,600 *	62.9	365.0	15,400 *				125
130	56.6	354.2	14,300 *	61.4	362.2	15,300 *				130
135	54.9	350.7	13,900 *	59.8	359.3	15,100 *				135
140	53.2	346.9	13,500 *	58.2	356.2	15,000 *				140
145	51.5	343.0	13,100 *	56.6	352.9	14,600 *				145
150	49.7	338.7	12,700 *	54.9	349.4	14,200 *				150
155	47.9	334.2	12,300 *	53.2	345.7	13,800 *				155
160	46.0	329.4	12,000 *	51.5	341.7	13,400 *				160
165	44.0	324.3	11,600 *	49.7	337.5	13,100 *				165
170	42.0	318.8	11,200 *	47.9	332.9	12,600 *				170
175	39.9	312.8	10,800 *	46.0	328.1	12,000 *				175
180	37.7	306.4	10,500 *	44.0	323.0	11,300 *	57.5	345.5	7,700	180
185	35.4	299.5	10,200 *	42.0	317.5	10,800 *	55.9	342.1	7,200	185
190	32.9	291.9	9,800 *	39.9	311.5	10,200 *	54.2	338.5	6,800	190
195	30.2	283.5	9,300 *	37.7	305.1	9,700 *	52.5	334.7	6,500	195
200	27.3	274.0	8,700 *	35.4	298.2	9,200 *	50.7	330.6	6,100	200
205	24.1	263.3	8,200 *	32.9	290.6	8,700 *	48.9	326.3	5,800	205
210	20.4	250.5	7,700 *	30.2	282.2	8,300 *	47.1	321.6	5,400	210
220	9.1	210.2	5,900 *	24.1	262.0	7,400 *	43.2	311.4	4,800	220
230				15.8	233.2	6,700 *	39.0	299.6	4,300	230



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

170 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	74.7	363.1	18,600 *							65
70	73.1	361.5	18,300 *							70
75	71.5	359.8	18,100 *							75
80	69.9	358.0	17,900 *							80
85	68.3	356.0	17,700 *							85
90	66.6	353.8	17,500 *							90
95	65.0	351.4	17,300 *	69.9	356.7	17,700 *				95
100	63.3	348.9	16,600 *	68.3	354.7	17,500 *				100
105	61.6	346.2	16,000 *	66.6	352.5	17,300 *				105
110	59.9	343.3	15,400 *	65.0	350.2	17,100 *				110
115	58.1	340.1	14,800 *	63.3	347.6	16,900 *				115
120	56.3	336.8	14,300 *	61.6	344.9	16,300 *				120
125	54.4	333.2	13,800 *	59.9	342.0	15,700 *				125
130	52.5	329.4	13,400 *	58.1	338.9	15,100 *				130
135	50.6	325.3	13,000 *	56.3	335.5	14,600 *				135
140	48.6	320.9	12,600 *	54.4	331.9	14,100 *				140
145	46.5	316.1	12,200 *	52.5	328.1	13,600 *				145
150	44.4	311.0	11,900 *	50.6	324.0	13,200 *				150
155	42.2	305.5	11,500 *	48.6	319.6	12,800 *				155
160	39.8	299.6	11,200 *	46.5	314.9	12,400 *				160
165	37.4	293.1	10,900 *	44.4	309.8	12,000 *				165
170	34.8	286.0	10,700 *	42.2	304.3	11,700 *	57.3	328.2	9,500	170
175	32.0	278.1	10,400 *	39.8	298.3	11,400 *	55.5	324.7	9,000	175
180	28.9	269.2	10,200 *	37.4	291.8	11,100 *	53.6	321.0	8,500	180
185	25.5	259.1	9,900 *	34.8	284.7	10,800 *	51.7	317.1	8,100	185
190	21.6	247.0	9,700 *	32.0	276.8	10,500 *	49.8	312.8	7,700	190
195	16.8	231.8	9,300 *	28.9	267.9	10,300 *	47.7	308.3	7,300	195
200	9.7	208.8	8,500 *	25.5	257.8	10,100 *	45.6	303.4	7,000	200
205				21.6	245.7	9,900 *	43.5	298.2	6,600	205
210				16.8	230.5	9,400 *	41.2	292.5	6,300	210
220							36.3	279.6	5,700	220
230							30.7	263.9	5,200	230
240							23.9	243.7	4,600	240
250							14.3	213.1	4,100	250

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

170 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.4	373.5	17,900 *							65
70	74.0	372.0	17,700 *							70
75	72.5	370.4	17,500 *							75
80	70.9	368.7	17,200 *							80
85	69.4	366.8	17,000 *							85
90	67.9	364.7	16,800 *							90
95	66.3	362.5	16,500 *	70.9	367.4	16,600 *				95
100	64.7	360.1	16,300 *	69.4	365.5	16,500 *				100
105	63.1	357.6	15,600 *	67.9	363.4	16,300 *				105
110	61.5	354.9	15,100 *	66.3	361.2	16,100 *				110
115	59.9	351.9	14,600 *	64.7	358.9	16,000 *				115
120	58.2	348.8	14,100 *	63.1	356.3	15,700 *				120
125	56.5	345.5	13,600 *	61.5	353.6	15,400 *				125
130	54.7	342.0	13,100 *	59.9	350.7	14,800 *				130
135	52.9	338.2	12,700 *	58.2	347.5	14,300 *				135
140	51.1	334.1	12,400 *	56.5	344.2	13,800 *				140
145	49.2	329.8	12,000 *	54.7	340.7	13,400 *				145
150	47.3	325.2	11,700 *	52.9	336.9	13,000 *				150
155	45.3	320.3	11,300 *	51.1	332.9	12,600 *				155
160	43.2	315.0	11,000 *	49.2	328.5	12,200 *				160
165	41.0	309.2	10,800 *	47.3	323.9	11,900 *				165
170	38.8	303.1	10,500 *	45.3	319.0	11,500 *				170
175	36.4	296.3	10,200 *	43.2	313.7	11,200 *	57.5	336.8	8,800	175
180	33.8	289.0	10,000 *	41.0	308.0	10,900 *	55.7	333.4	8,400	180
185	31.1	280.8	9,800 *	38.8	301.8	10,600 *	54.0	329.8	8,000	185
190	28.1	271.7	9,600 *	36.4	295.0	10,400 *	52.2	325.9	7,600	190
195	24.8	261.2	9,200 *	33.8	287.7	10,100 *	50.3	321.7	7,200	195
200	21.0	248.8	8,900 *	31.1	279.5	9,900 *	48.4	317.3	6,800	200
205	16.3	233.2	8,600 *	28.1	270.4	9,700 *	46.4	312.6	6,500	205
210	9.4	209.5	7,500 *	24.8	259.9	9,200 *	44.4	307.5	6,200	210
220				16.3	231.9	8,400 *	40.1	296.1	5,600	220
230							35.3	282.7	5,000	230
240							29.9	266.5	4,500	240
250							23.3	245.7	4,000	250



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On

Luffing Jib No. 139 On Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

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

170 Ft. Boom, 160 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	74.7	382.4	16,500 *							70
75	73.3	380.9	16,300 *							75
80	71.9	379.3	16,000 *							80
85	70.4	377.5	15,800 *							85
90	69.0	375.5	15,600 *							90
95	67.5	373.4	15,400 *							95
100	66.0	371.2	15,200 *	70.4	376.2	15,300 *				100
105	64.5	368.8	15,000 *	69.0	374.3	15,100 *				105
110	63.0	366.2	14,800 *	67.5	372.2	15,000 *				110
115	61.4	363.5	14,300 *	66.0	369.9	14,800 *				115
120	59.9	360.6	13,800 *	64.5	367.5	14,700 *				120
125	58.3	357.5	13,300 *	63.0	365.0	14,600 *				125
130	56.6	354.2	12,900 *	61.4	362.2	14,400 *				130
135	55.0	350.7	12,500 *	59.9	359.3	14,000 *				135
140	53.3	346.9	12,100 *	58.3	356.2	13,600 *				140
145	51.6	343.0	11,800 *	56.6	352.9	13,100 *				145
150	49.8	338.7	11,500 *	55.0	349.4	12,700 *				150
155	47.9	334.2	11,200 *	53.3	345.7	12,300 *				155
160	46.1	329.4	10,900 *	51.6	341.7	12,000 *				160
165	44.1	324.3	10,600 *	49.8	337.5	11,700 *				165
170	42.1	318.8	10,300 *	47.9	333.0	11,300 *				170
175	40.0	312.8	10,100 *	46.1	328.1	11,000 *				175
180	37.8	306.4	9,900 *	44.1	323.0	10,800 *	57.6	345.5	8,000	180
185	35.5	299.5	9,600 *	42.1	317.5	10,500 *	56.0	342.1	7,600	185
190	33.0	291.9	9,400 *	40.0	311.6	10,200 *	54.3	338.5	7,200	190
195	30.3	283.5	9,200 *	37.8	305.1	10,000 *	52.6	334.7	6,800	195
200	27.4	274.1	8,800 *	35.4	298.2	9,700 *	50.8	330.6	6,400	200
205	24.2	263.3	8,500 *	33.0	290.6	9,200 *	49.0	326.3	6,100	205
210	20.5	250.6	8,200 *	30.3	282.2	8,800 *	47.2	321.6	5,800	210
220	9.2	210.3	6,300 *	24.2	262.0	7,900 *	43.3	311.4	5,200	220
230				15.9	233.2	7,200 *	39.1	299.6	4,600	230
240							34.4	285.8	4,100	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

170 Ft. Boom, 170 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	75.4	392.8	15,200 *							70
75	74.1	391.4	15,000 *							75
80	72.7	389.8	14,800 *							80
85	71.4	388.1	14,600 *							85
90	70.0	386.3	14,400 *							90
95	68.6	384.3	14,200 *							95
100	67.2	382.2	14,000 *							100
105	65.8	379.9	13,900 *	70.0	385.0	13,900 *				105
110	64.3	377.5	13,700 *	68.6	383.0	13,700 *				110
115	62.9	374.9	13,600 *	67.2	380.9	13,600 *				115
120	61.4	372.2	13,400 *	65.8	378.6	13,500 *				120
125	59.9	369.3	13,000 *	64.3	376.2	13,400 *				125
130	58.4	366.2	12,600 *	62.9	373.6	13,200 *				130
135	56.8	362.9	12,200 *	61.4	370.9	13,100 *				135
140	55.2	359.4	11,900 *	59.9	368.0	13,000 *				140
145	53.6	355.7	11,500 *	58.4	364.9	12,800 *				145
150	52.0	351.8	11,200 *	56.8	361.6	12,400 *				150
155	50.3	347.6	10,900 *	55.2	358.1	12,100 *				155
160	48.5	343.2	10,600 *	53.6	354.4	11,700 *				160
165	46.8	338.5	10,400 *	52.0	350.5	11,400 *				165
170	44.9	333.5	10,100 *	50.3	346.4	11,100 *				170
175	43.0	328.2	9,900 *	48.5	341.9	10,800 *				175
180	41.1	322.5	9,700 *	46.8	337.2	10,500 *				180
185	39.0	316.3	9,400 *	44.9	332.2	10,300 *	57.7	354.2	7,300	185
190	36.9	309.7	9,200 *	43.0	326.9	10,000 *	56.1	350.8	6,900	190
195	34.6	302.5	9,000 *	41.1	321.2	9,800 *	54.5	347.3	6,500	195
200	32.2	294.7	8,700 *	39.0	315.1	9,300 *	52.9	343.5	6,100	200
205	29.6	286.1	8,400 *	36.9	308.4	8,900 *	51.3	339.5	5,800	205
210	26.8	276.4	8,000 *	34.6	301.3	8,400 *	49.6	335.2	5,500	210
220	20.0	252.3	7,000 *	29.6	284.8	7,600 *	46.0	325.8	4,900	220
230	9.0	211.0	5,300 *	23.6	264.0	6,800 *	42.2	315.2	4,400	230
240				15.5	234.5	6,100 *				240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

170 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.2	373.5	15,300 *							65
70	73.8	372.0	15,000 *							70
75	72.3	370.4	14,700 *							75
80	70.8	368.7	14,400 *							80
85	69.2	366.8	14,200 *							85
90	67.7	364.8	13,900 *							90
95	66.1	362.5	13,600 *	70.7	367.4	14,000 *				95
100	64.6	360.2	13,400 *	69.2	365.5	13,800 *				100
105	63.0	357.6	13,100 *	67.7	363.5	13,600 *				105
110	61.3	354.9	12,900 *	66.1	361.3	13,400 *				110
115	59.7	352.0	12,700 *	64.5	358.9	13,100 *				115
120	58.0	348.9	12,500 *	62.9	356.4	12,900 *				120
125	56.3	345.5	12,200 *	61.3	353.6	12,700 *				125
130	54.5	342.0	12,100 *	59.7	350.7	12,500 *				130
135	52.8	338.2	11,700 *	58.0	347.6	12,300 *				135
140	50.9	334.2	11,300 *	56.3	344.3	12,100 *				140
145	49.0	329.9	11,000 *	54.5	340.7	12,000 *				145
150	47.1	325.3	10,600 *	52.7	336.9	11,800 *				150
155	45.1	320.3	10,300 *	50.9	332.9	11,500 *				155
160	43.0	315.0	10,000 *	49.0	328.6	11,200 *				160
165	40.8	309.3	9,800 *	47.1	324.0	10,800 *				165
170	38.6	303.1	9,500 *	45.1	319.0	10,500 *				170
175	36.2	296.4	9,200 *	43.0	313.7	10,200 *	57.3	336.9	9,000	175
180	33.7	289.0	9,000 *	40.8	308.0	9,900 *	55.6	333.5	8,500	180
185	30.9	280.9	8,800 *	38.6	301.8	9,600 *	53.8	329.8	8,100	185
190	28.0	271.8	8,600 *	36.2	295.1	9,400 *	52.0	325.9	7,700	190
195	24.7	261.3	8,400 *	33.6	287.8	9,100 *	50.1	321.8	7,400	195
200	20.9	248.9	8,200 *	30.9	279.6	8,900 *	48.2	317.4	7,000	200
205	16.2	233.3	8,000 *	28.0	270.5	8,700 *	46.3	312.6	6,700	205
210	9.3	209.8	7,800 *	24.6	260.0	8,500 *	44.2	307.5	6,300	210
220				16.2	232.0	8,100 *	39.9	296.2	5,700	220
230							35.1	282.8	5,200	230
240							29.7	266.6	4,700	240
250							23.1	245.8	4,200	250

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

170 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	76.0	383.9	14,600 *							65
70	74.6	382.5	14,400 *							70
75	73.1	381.0	14,100 *							75
80	71.7	379.3	13,900 *							80
85	70.3	377.5	13,600 *							85
90	68.8	375.6	13,400 *							90
95	67.3	373.5	13,100 *							95
100	65.8	371.3	12,900 *	70.3	376.2	13,200 *				100
105	64.3	368.9	12,700 *	68.8	374.3	13,000 *				105
110	62.8	366.3	12,500 *	67.3	372.2	12,800 *				110
115	61.3	363.6	12,300 *	65.8	370.0	12,700 *				115
120	59.7	360.6	12,100 *	64.3	367.6	12,500 *				120
125	58.1	357.5	11,900 *	62.8	365.0	12,300 *				125
130	56.5	354.2	11,700 *	61.3	362.3	12,100 *				130
135	54.8	350.7	11,500 *	59.7	359.4	12,000 *				135
140	53.1	347.0	11,100 *	58.1	356.3	11,800 *				140
145	51.4	343.0	10,800 *	56.5	353.0	11,600 *				145
150	49.6	338.8	10,500 *	54.8	349.5	11,500 *				150
155	47.8	334.3	10,200 *	53.1	345.7	11,300 *				155
160	45.9	329.5	9,900 *	51.4	341.7	11,000 *				160
165	43.9	324.3	9,600 *	49.6	337.5	10,600 *				165
170	41.9	318.8	9,300 *	47.8	333.0	10,300 *				170
175	39.8	312.9	9,100 *	45.9	328.2	10,000 *				175
180	37.6	306.5	8,900 *	43.9	323.1	9,700 *	57.4	345.6	8,400	180
185	35.3	299.6	8,700 *	41.9	317.5	9,500 *	55.8	342.2	8,000	185
190	32.8	292.0	8,400 *	39.8	311.6	9,200 *	54.1	338.6	7,600	190
195	30.2	283.6	8,300 *	37.6	305.2	9,000 *	52.4	334.7	7,200	195
200	27.3	274.2	8,100 *	35.3	298.3	8,800 *	50.6	330.7	6,800	200
205	24.0	263.4	7,900 *	32.8	290.7	8,600 *	48.8	326.3	6,500	205
210	20.3	250.7	7,700 *	30.1	282.3	8,400 *	47.0	321.7	6,200	210
220		210.6	6,800 *	24.0	262.1	8,000 *	43.1	311.5	5,600	220
230				15.8	233.4	7,700 *	38.9	299.7	5,000	230
240							34.3	285.8	4,500	240
250							29.0	269.1	4,100	250



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	75.3	392.9	13,600 *							70
75	73.9	391.4	13,400 *							75
80	72.6	389.9	13,200 *							80
85	71.2	388.2	13,000 *							85
90	69.8	386.3	12,800 *							90
95	68.4	384.3	12,600 *							95
100	67.0	382.2	12,400 *							100
105	65.6	380.0	12,200 *	69.8	385.0	12,400 *				105
110	64.1	377.5	12,000 *	68.4	383.1	12,200 *				110
115	62.7	375.0	11,800 *	67.0	380.9	12,100 *				115
120	61.2	372.2	11,600 *	65.6	378.7	11,900 *				120
125	59.7	369.3	11,500 *	64.1	376.3	11,800 *				125
130	58.2	366.2	11,300 *	62.7	373.7	11,600 *				130
135	56.6	362.9	11,100 *	61.2	370.9	11,500 *				135
140	55.1	359.5	10,900 *	59.7	368.0	11,300 *				140
145	53.4	355.8	10,600 *	58.2	364.9	11,200 *				145
150	51.8	351.8	10,300 *	56.6	361.7	11,000 *				150
155	50.1	347.7	10,000 *	55.0	358.2	10,900 *				155
160	48.4	343.3	9,700 *	53.4	354.5	10,800 *				160
165	46.6	338.6	9,500 *	51.8	350.6	10,500 *				165
170	44.8	333.6	9,200 *	50.1	346.4	10,200 *				170
175	42.9	328.3	9,000 *	48.4	342.0	9,900 *				175
180	40.9	322.5	8,700 *	46.6	337.3	9,600 *				180
185	38.8	316.4	8,500 *	44.8	332.3	9,300 *	57.5	354.2	7,600	185
190	36.7	309.8	8,300 *	42.9	327.0	9,100 *	56.0	350.9	7,200	190
195	34.4	302.6	8,100 *	40.9	321.3	8,900 *	54.4	347.3	6,800	195
200	32.0	294.8	8,000 *	38.8	315.1	8,700 *	52.7	343.5	6,400	200
205	29.4	286.1	7,800 *	36.7	308.5	8,500 *	51.1	339.5	6,100	205
210	26.6	276.5	7,600 *	34.4	301.3	8,300 *	49.4	335.3	5,800	210
220	19.8	252.4	7,300 *	29.4	284.9	7,900 *	45.8	325.9	5,200	220
230	8.9	211.3	5,700 *	23.5	264.1	7,300 *	42.0	315.3	4,700	230
240				15.4	234.7	6,600 *	38.0	303.1	4,200	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	403.2	12,800 *							70
75	74.6	401.9	12,600 *							75
80	73.3	400.4	12,400 *							80
85	72.0	398.7	12,300 *							85
90	70.7	397.0	12,100 *							90
95	69.4	395.1	11,900 *							95
100	68.1	393.1	11,700 *							100
105	66.7	390.9	11,600 *	70.7	395.7	11,700 *				105
110	65.3	388.7	11,400 *	69.4	393.8	11,600 *				110
115	64.0	386.2	11,200 *	68.1	391.8	11,400 *				115
120	62.6	383.6	11,000 *	66.7	389.7	11,300 *				120
125	61.2	380.9	10,900 *	65.3	387.4	11,100 *				125
130	59.7	378.0	10,800 *	64.0	384.9	11,000 *				130
135	58.3	374.9	10,600 *	62.6	382.4	10,900 *				135
140	56.8	371.6	10,500 *	61.2	379.6	10,700 *				140
145	55.3	368.2	10,300 *	59.7	376.7	10,600 *				145
150	53.7	364.5	10,100 *	58.3	373.6	10,500 *				150
155	52.2	360.7	9,800 *	56.8	370.3	10,400 *				155
160	50.6	356.6	9,500 *	55.3	366.9	10,300 *				160
165	48.9	352.2	9,300 *	53.7	363.2	10,200 *				165
170	47.2	347.6	9,000 *	52.2	359.4	9,900 *				170
175	45.5	342.8	8,800 *	50.6	355.3	9,700 *				175
180	43.7	337.6	8,600 *	48.9	351.0	9,400 *				180
185	41.9	332.1	8,400 *	47.2	346.4	9,100 *				185
190	40.0	326.2	8,200 *	45.5	341.5	8,900 *	57.6	362.9	6,900	190
195	38.0	319.8	8,000 *	43.7	336.3	8,700 *	56.1	359.6	6,500	195
200	35.9	313.0	7,800 *	41.9	330.8	8,500 *	54.6	356.0	6,200	200
205	33.6	305.6	7,600 *	39.9	324.9	8,300 *	53.1	352.3	5,800	205
210	31.3	297.6	7,500 *	37.9	318.5	8,100 *	51.5	348.4	5,500	210
220	26.0	278.8	7,200 *	33.6	304.3	7,700 *	48.2	339.7	4,900	220
230	19.4	254.1	6,400 *	28.8	287.4	6,900 *	44.8	330.0	4,400	230
240	8.6	212.0	4,800 *	22.9	266.1	6,200 *				240
250				15.0	235.9	5,600 *				250



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 140 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	74.1	353.8	25,800 *							60
65	72.4	352.3	25,600 *							65
70	70.6	350.5	25,400 *							70
75	68.8	348.6	24,900 *							75
80	67.0	346.5	24,300 *							80
85	65.1	344.3	23,600 *	70.9	349.5	24,600 *				85
90	63.3	341.8	22,900 *	69.1	347.6	24,600 *				90
95	61.4	339.1	22,200 *	67.3	345.6	24,500 *				95
100	59.4	336.2	21,500 *	65.5	343.3	24,400 *				100
105	57.5	333.1	20,800 *	63.6	340.9	24,300 *				105
110	55.4	329.7	20,000 *	61.7	338.2	23,600 *				110
115	53.4	326.0	19,300 *	59.8	335.4	22,700 *				115
120	51.2	322.1	18,600 *	57.8	332.3	21,900 *				120
125	49.0	317.8	17,800 *	55.8	328.9	21,100 *				125
130	46.7	313.2	17,100 *	53.7	325.3	19,900 *				130
135	44.4	308.2	16,400 *	51.6	321.4	18,800 *				135
140	41.9	302.8	15,700 *	49.4	317.2	17,800 *				140
145	39.3	296.8	15,000 *	47.1	312.7	16,800 *				145
150	36.5	290.3	14,400 *	44.8	307.8	15,900 *				150
155	33.6	283.0	13,800 *	42.3	302.4	15,100 *				155
160	30.4	274.8	13,200 *	39.8	296.5	14,300 *	57.8	322.5	9,300 *	160
165	26.8	265.4	12,500 *	37.0	290.1	13,600 *	55.8	319.1	8,900 *	165
170	22.7	254.3	12,000 *	34.1	283.0	12,900 *	53.8	315.5	8,500 *	170
175	17.7	240.3	11,500 *	30.9	274.9	12,300 *	51.6	311.7	8,100 *	175
180	10.6	219.5	10,300 *	27.4	265.8	11,700 *	49.5	307.5	7,800 *	180
185				23.4	255.0	11,100 *	47.2	302.9	7,400	185
190				18.7	241.6	10,600 *	44.8	298.0	7,000	190
195				12.1	222.7	10,100 *	42.4	292.7	6,700	195
200							39.8	286.8	6,300	200
205							37.1	280.4	6,000	205
210							34.2	273.3	5,700	210
220							27.5	256.1	5,100	220
230							18.8	232.1	4,500	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 150 Ft. Luffing Jib, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.0	364.2	23,700 *							60
65	73.4	362.8	23,500 *							65
70	71.7	361.1	23,400 *							70
75	70.0	359.4	23,000 *							75
80	68.3	357.4	22,500 *							80
85	66.6	355.3	21,900 *							85
90	64.9	353.0	21,400 *	70.3	358.3	22,000 *				90
95	63.1	350.5	20,800 *	68.6	356.4	22,000 *				95
100	61.3	347.8	20,200 *	66.9	354.3	21,900 *				100
105	59.5	344.9	19,500 *	65.2	352.0	21,800 *				105
110	57.6	341.7	18,900 *	63.4	349.6	21,800 *				110
115	55.7	338.4	18,300 *	61.6	346.9	21,500 *				115
120	53.7	334.8	17,700 *	59.8	344.0	21,400 *				120
125	51.7	330.9	17,100 *	57.9	341.0	20,700 *				125
130	49.7	326.7	16,400 *	56.0	337.6	19,700 *				130
135	47.6	322.2	15,800 *	54.1	334.1	18,600 *				135
140	45.3	317.4	15,200 *	52.1	330.2	17,500 *				140
145	43.1	312.2	14,600 *	50.0	326.1	16,600 *				145
150	40.7	306.5	14,100 *	47.9	321.7	15,700 *				150
155	38.1	300.3	13,500 *	45.7	316.9	14,900 *				155
160	35.5	293.5	13,000 *	43.5	311.8	14,100 *				160
165	32.6	285.9	12,400 *	41.1	306.2	13,400 *	58.0	331.2	8,600 *	165
170	29.5	277.4	11,900 *	38.6	300.0	12,700 *	56.1	327.8	8,200 *	170
175	26.0	267.7	11,400 *	35.9	293.3	12,100 *	54.1	324.3	7,900 *	175
180	22.0	256.2	11,000 *	33.1	285.9	11,500 *	52.1	320.5	7,500 *	180
185	17.2	241.7	10,600 *	30.0	277.6	10,900 *	50.1	316.4	7,200 *	185
190	10.3	220.4	9,000 *	26.6	268.1	10,400 *	48.0	311.9	6,900 *	190
195				22.8	257.0	9,900 *	45.8	307.2	6,500	195
200				18.1	243.2	9,400 *	43.5	302.0	6,200	200
205				11.7	223.7	8,900 *	41.1	296.4	5,800	205
210							38.6	290.3	5,500	210
220							33.2	276.2	4,900	220
230							26.7	258.5	4,400	230



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 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, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.8	374.6	21,400 *							60
65	74.3	373.2	21,300 *							65
70	72.7	371.7	21,000 *							70
75	71.1	370.0	20,700 *							75
80	69.5	368.2	20,600 *							80
85	67.9	366.2	20,200 *							85
90	66.3	364.0	19,700 *							90
95	64.6	361.7	19,200 *	69.8	367.1	19,600 *				95
100	62.9	359.1	18,700 *	68.2	365.2	19,500 *				100
105	61.2	356.4	18,200 *	66.6	363.0	19,400 *				105
110	59.5	353.5	17,700 *	64.9	360.7	19,300 *				110
115	57.7	350.4	17,200 *	63.2	358.2	19,100 *				115
120	55.9	347.1	16,700 *	61.5	355.6	19,000 *				120
125	54.1	343.5	16,100 *	59.8	352.7	19,000 *				125
130	52.2	339.7	15,600 *	58.0	349.6	18,800 *				130
135	50.3	335.6	15,100 *	56.2	346.3	18,100 *				135
140	48.3	331.2	14,600 *	54.4	342.8	17,100 *				140
145	46.2	326.5	14,100 *	52.5	339.0	16,100 *				145
150	44.1	321.5	13,600 *	50.6	335.0	15,200 *				150
155	41.8	316.0	13,100 *	48.6	330.7	14,400 *				155
160	39.5	310.1	12,600 *	46.6	326.0	13,700 *				160
165	37.1	303.6	12,100 *	44.4	321.0	12,900 *				165
170	34.5	296.6	11,700 *	42.2	315.6	12,300 *				170
175	31.7	288.7	11,300 *	39.9	309.8	11,600 *	56.3	336.5	7,300 *	175
180	28.7	280.0	10,800 *	37.5	303.4	11,000 *	54.4	333.0	7,000 *	180
185	25.3	269.9	10,400 *	34.9	296.5	10,500 *	52.6	329.3	6,700 *	185
190	21.4	258.1	9,800 *	32.2	288.8	9,900 *	50.6	325.2	6,300 *	190
195	16.7	243.2	9,200 *	29.2	280.2	9,400 *	48.7	320.9	6,000 *	195
200	10.0	221.2	7,700 *	25.9	270.4	8,900 *	46.6	316.3	5,700 *	200
205				22.1	258.9	8,500 *	44.5	311.3	5,400 *	205
210				17.6	244.7	8,100 *	42.3	305.9	5,100 *	210
220							37.6	293.7	4,600	220
230							32.2	279.1	4,000	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 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, 30 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.1	383.6	19,100 *							65
70	73.6	382.1	18,800 *							70
75	72.1	380.6	18,600 *							75
80	70.6	378.8	18,400 *							80
85	69.1	376.9	18,200 *							85
90	67.5	374.9	18,000 *							90
95	66.0	372.7	17,700 *	70.8	377.8	17,500 *				95
100	64.4	370.3	17,300 *	69.3	375.9	17,400 *				100
105	62.8	367.8	16,900 *	67.8	373.9	17,300 *				105
110	61.2	365.1	16,500 *	66.2	371.8	17,100 *				110
115	59.5	362.2	16,000 *	64.7	369.4	17,000 *				115
120	57.8	359.1	15,600 *	63.1	366.9	16,900 *				120
125	56.1	355.8	15,200 *	61.5	364.2	16,700 *				125
130	54.4	352.3	14,700 *	59.8	361.4	16,600 *				130
135	52.6	348.5	14,300 *	58.1	358.3	16,500 *				135
140	50.8	344.5	13,800 *	56.4	355.0	16,400 *				140
145	48.9	340.2	13,400 *	54.7	351.5	15,700 *				145
150	47.0	335.6	13,000 *	52.9	347.8	14,900 *				150
155	45.0	330.7	12,500 *	51.1	343.8	14,100 *				155
160	42.9	325.4	12,100 *	49.2	339.6	13,300 *				160
165	40.7	319.7	11,700 *	47.3	335.1	12,600 *				165
170	38.5	313.6	11,300 *	45.3	330.2	11,900 *				170
175	36.1	306.9	11,000 *	43.3	325.0	11,300 *				175
180	33.6	299.6	10,600 *	41.1	319.4	10,700 *	56.5	345.2	6,700 *	180
185	30.9	291.5	10,200 *	38.9	313.3	10,100 *	54.7	341.7	6,400 *	185
190	27.9	282.4	9,600 *	36.5	306.7	9,600 *	53.0	338.0	6,100 *	190
195	24.6	272.1	9,000 *	34.0	299.5	9,100 *	51.1	334.1	5,800 *	195
200	20.9	259.9	8,400 *	31.3	291.6	8,600 *	49.3	329.8	5,400 *	200
205	16.3	244.6	7,900 *	28.4	282.7	8,100 *	47.3	325.3	5,200 *	205
210	9.7	222.1	6,500 *	25.2	272.6	7,700 *	45.4	320.4	4,800 *	210
220				17.2	246.2	6,900 *	41.2	309.6	4,300 *	220



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 140 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
60	75.4	364.2	21,700 *							60
65	73.8	362.7	21,400 *							65
70	72.1	361.1	21,200 *							70
75	70.4	359.3	21,000 *							75
80	68.7	357.3	20,800 *							80
85	67.0	355.2	20,600 *							85
90	65.3	352.9	20,300 *	70.7	358.3	21,000 *				90
95	63.5	350.4	19,500 *	69.0	356.4	20,900 *				95
100	61.7	347.7	18,700 *	67.3	354.3	20,800 *				100
105	59.9	344.8	18,100 *	65.6	352.0	20,600 *				105
110	58.0	341.7	17,400 *	63.8	349.5	20,100 *				110
115	56.1	338.3	16,800 *	62.0	346.9	19,300 *				115
120	54.2	334.7	16,300 *	60.2	344.0	18,600 *				120
125	52.1	330.8	15,800 *	58.3	340.9	17,900 *				125
130	50.1	326.7	15,300 *	56.4	337.6	17,300 *				130
135	48.0	322.2	14,800 *	54.5	334.0	16,700 *				135
140	45.8	317.3	14,400 *	52.5	330.2	16,200 *				140
145	43.5	312.1	14,000 *	50.4	326.1	15,700 *				145
150	41.1	306.4	13,600 *	48.3	321.6	15,200 *				150
155	38.5	300.2	13,100 *	46.1	316.9	14,700 *				155
160	35.9	293.4	12,500 *	43.9	311.7	14,300 *				160
165	33.0	285.8	12,000 *	41.5	306.1	13,800 *				165
170	29.9	277.3	11,400 *	39.0	300.0	13,100 *	56.5	327.8	8,400 *	170
175	26.4	267.6	10,900 *	36.3	293.3	12,500 *	54.5	324.2	8,100 *	175
180	22.4	256.1	10,500 *	33.5	285.8	11,900 *	52.5	320.4	7,800 *	180
185	17.6	241.6	10,100 *	30.4	277.5	11,300 *	50.5	316.3	7,400 *	185
190	10.6	220.1	9,400 *	27.0	268.0	10,800 *	48.4	311.9	7,100 *	190
195				23.1	256.9	10,300 *	46.2	307.1	6,700	195
200				18.5	243.0	9,800 *	43.9	301.9	6,400	200
205				12.1	223.5	9,300 *	41.5	296.3	6,100	205
210							39.0	290.2	5,700	210
220							33.6	276.1	5,200	220
230							27.1	258.4	4,600	230
240							18.6	233.5	4,100	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 150 Ft. Luffing Jib, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	74.7	373.2	20,800 *							65
70	73.1	371.6	20,600 *							70
75	71.5	369.9	20,300 *							75
80	69.9	368.1	20,100 *							80
85	68.3	366.1	19,900 *							85
90	66.7	363.9	19,500 *							90
95	65.0	361.6	19,000 *	70.2	367.1	19,300 *				95
100	63.3	359.1	18,300 *	68.6	365.1	19,200 *				100
105	61.6	356.4	17,700 *	66.9	363.0	19,100 *				105
110	59.9	353.5	17,100 *	65.3	360.7	19,000 *				110
115	58.1	350.4	16,500 *	63.6	358.2	18,800 *				115
120	56.3	347.0	16,000 *	61.9	355.5	18,200 *				120
125	54.5	343.5	15,500 *	60.2	352.6	17,600 *				125
130	52.6	339.6	15,000 *	58.4	349.6	17,000 *				130
135	50.6	335.5	14,600 *	56.6	346.3	16,400 *				135
140	48.6	331.2	14,100 *	54.8	342.8	15,900 *				140
145	46.6	326.5	13,800 *	52.9	339.0	15,400 *				145
150	44.5	321.4	13,300 *	51.0	334.9	14,900 *				150
155	42.2	315.9	12,800 *	49.0	330.6	14,500 *				155
160	39.9	310.0	12,300 *	46.9	326.0	14,100 *				160
165	37.5	303.5	11,800 *	44.8	320.9	13,600 *				165
170	34.9	296.5	11,400 *	42.6	315.6	12,900 *				170
175	32.1	288.6	10,900 *	40.3	309.7	12,300 *	56.7	336.5	7,800 *	175
180	29.0	279.9	10,400 *	37.9	303.4	11,700 *	54.8	333.0	7,500 *	180
185	25.7	269.8	10,000 *	35.3	296.4	11,100 *	53.0	329.2	7,200 *	185
190	21.8	257.9	9,700 *	32.6	288.7	10,600 *	51.0	325.2	6,800 *	190
195	17.1	243.0	9,300 *	29.6	280.1	10,000 *	49.0	320.8	6,500 *	195
200	10.3	220.9	8,300 *	26.3	270.3	9,600 *	47.0	316.2	6,200 *	200
205				22.5	258.8	9,100 *	44.9	311.2	5,900	205
210				18.0	244.5	8,700 *	42.7	305.8	5,600	210
220							37.9	293.6	5,000	220
230							32.6	279.0	4,500	230
240							26.3	260.7	4,000	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 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, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.5	383.5	18,900 *							65
70	74.0	382.1	18,700 *							70
75	72.5	380.5	18,500 *							75
80	71.0	378.8	18,300 *							80
85	69.4	376.9	18,100 *							85
90	67.9	374.8	17,900 *							90
95	66.3	372.6	17,600 *							95
100	64.8	370.3	17,200 *	69.7	375.9	17,400 *				100
105	63.2	367.7	16,800 *	68.2	373.9	17,200 *				105
110	61.5	365.0	16,300 *	66.6	371.7	17,200 *				110
115	59.9	362.1	15,900 *	65.0	369.4	17,000 *				115
120	58.2	359.0	15,500 *	63.4	366.9	16,900 *				120
125	56.5	355.7	15,000 *	61.8	364.2	16,800 *				125
130	54.8	352.2	14,600 *	60.2	361.3	16,600 *				130
135	53.0	348.4	14,100 *	58.5	358.2	16,000 *				135
140	51.1	344.4	13,700 *	56.8	355.0	15,500 *				140
145	49.3	340.1	13,200 *	55.1	351.5	15,100 *				145
150	47.3	335.5	12,800 *	53.3	347.8	14,600 *				150
155	45.3	330.6	12,400 *	51.5	343.8	14,200 *				155
160	43.3	325.3	11,900 *	49.6	339.5	13,800 *				160
165	41.1	319.6	11,500 *	47.7	335.0	13,100 *				165
170	38.8	313.5	11,100 *	45.7	330.1	12,400 *				170
175	36.5	306.8	10,700 *	43.6	324.9	11,800 *				175
180	33.9	299.5	10,300 *	41.5	319.3	11,200 *	56.8	345.2	6,900 *	180
185	31.2	291.4	9,900 *	39.2	313.2	10,600 *	55.1	341.7	6,600 *	185
190	28.3	282.3	9,600 *	36.9	306.7	10,100 *	53.3	338.0	6,300 *	190
195	25.0	272.0	9,100 *	34.4	299.4	9,600 *	51.5	334.0	6,000 *	195
200	21.2	259.7	8,900 *	31.7	291.5	9,100 *	49.6	329.8	5,700 *	200
205	16.6	244.4	8,400 *	28.8	282.6	8,700 *	47.7	325.2	5,400 *	205
210	10.0	221.7	7,100 *	25.6	272.5	8,200 *	45.7	320.4	5,100 *	210
220				17.5	246.0	7,400 *	41.5	309.6	4,600 *	220
230							36.9	296.9	4,100 *	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 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, 40 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	74.8	392.5	17,000 *							70
75	73.3	391.0	16,800 *							75
80	71.9	389.4	16,600 *							80
85	70.5	387.6	16,400 *							85
90	69.0	385.7	16,300 *							90
95	67.5	383.6	16,000 *							95
100	66.0	381.4	15,800 *	70.7	386.6	15,600 *				100
105	64.5	379.0	15,600 *	69.3	384.7	15,500 *				105
110	63.0	376.4	15,200 *	67.8	382.6	15,400 *				110
115	61.5	373.7	14,800 *	66.3	380.4	15,300 *				115
120	59.9	370.8	14,500 *	64.8	378.1	15,200 *				120
125	58.3	367.7	14,100 *	63.3	375.5	15,100 *				125
130	56.7	364.4	13,700 *	61.7	372.8	15,000 *				130
135	55.0	360.9	13,300 *	60.2	370.0	14,800 *				135
140	53.3	357.2	12,900 *	58.6	366.9	14,800 *				140
145	51.6	353.2	12,600 *	57.0	363.7	14,700 *				145
150	49.8	349.0	12,200 *	55.3	360.2	14,300 *				150
155	48.0	344.5	11,800 *	53.6	356.5	13,900 *				155
160	46.1	339.8	11,400 *	51.9	352.6	13,500 *				160
165	44.2	334.6	11,100 *	50.1	348.4	12,700 *				165
170	42.2	329.1	10,700 *	48.3	344.0	12,100 *				170
175	40.0	323.2	10,400 *	46.4	339.3	11,400 *				175
180	37.8	316.9	10,000 *	44.5	334.2	10,800 *				180
185	35.5	310.0	9,700 *	42.5	328.8	10,300 *	57.0	353.9	6,300 *	185
190	33.1	302.4	9,400 *	40.4	323.0	9,700 *	55.3	350.4	6,000 *	190
195	30.4	294.1	9,100 *	38.2	316.7	9,200 *	53.7	346.7	5,700 *	195
200	27.5	284.7	8,800 *	35.9	309.9	8,800 *	51.9	342.8	5,400 *	200
205	24.4	274.1	8,300 *	33.5	302.4	8,300 *	50.2	338.7	5,200 *	205
210	20.7	261.5	7,700 *	30.9	294.2	7,900 *	48.3	334.2	4,900 *	210
220	9.7	222.5	5,900 *	24.9	274.7	7,000 *	44.5	324.4	4,400	220
230				17.0	247.5	6,300 *				230



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 140 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	74.8	373.2	18,000 *							65
70	73.2	371.6	18,000 *							70
75	71.6	369.9	18,000 *							75
80	70.0	368.1	17,800 *							80
85	68.4	366.1	17,600 *							85
90	66.8	363.9	17,400 *							90
95	65.1	361.6	17,200 *							95
100	63.4	359.1	16,600 *	68.7	365.1	17,300 *				100
105	61.7	356.4	16,000 *	67.0	363.0	17,000 *				105
110	60.0	353.5	15,400 *	65.4	360.7	16,800 *				110
115	58.2	350.4	14,900 *	63.7	358.2	16,700 *				115
120	56.4	347.0	14,400 *	62.0	355.5	16,500 *				120
125	54.6	343.5	13,900 *	60.3	352.7	15,900 *				125
130	52.7	339.7	13,400 *	58.5	349.6	15,300 *				130
135	50.7	335.6	13,000 *	56.7	346.3	14,800 *				135
140	48.7	331.2	12,600 *	54.9	342.8	14,300 *				140
145	46.7	326.5	12,200 *	53.0	339.0	13,800 *				145
150	44.5	321.4	11,900 *	51.1	334.9	13,300 *				150
155	42.3	315.9	11,600 *	49.1	330.6	12,900 *				155
160	40.0	310.0	11,300 *	47.0	326.0	12,500 *				160
165	37.5	303.6	11,000 *	44.9	321.0	12,200 *				165
170	34.9	296.5	10,700 *	42.7	315.6	11,800 *				170
175	32.2	288.7	10,400 *	40.4	309.7	11,500 *	56.8	336.5	8,000 *	175
180	29.1	279.9	10,000 *	38.0	303.4	11,200 *	54.9	333.0	7,700 *	180
185	25.8	269.8	9,600 *	35.4	296.4	10,900 *	53.0	329.2	7,300 *	185
190	21.9	257.9	9,200 *	32.7	288.7	10,600 *	51.1	325.2	7,000 *	190
195	17.2	243.0	8,900 *	29.7	280.1	10,400 *	49.1	320.8	6,700 *	195
200	10.4	221.0	8,600 *	26.4	270.3	9,900 *	47.1	316.2	6,400 *	200
205				22.6	258.8	9,400 *	45.0	311.2	6,100 *	205
210				18.1	244.6	9,000 *	42.8	305.8	5,800 *	210
220							38.0	293.6	5,200 *	220
230							32.7	279.0	4,700 *	230
240							26.4	260.7	4,200 *	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 150 Ft. Luffing Jib, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.5	383.6	17,600 *							65
70	74.1	382.1	17,400 *							70
75	72.6	380.5	17,200 *							75
80	71.1	378.8	17,000 *							80
85	69.5	376.9	16,800 *							85
90	68.0	374.9	16,500 *							90
95	66.4	372.7	16,300 *							95
100	64.9	370.3	16,000 *	69.8	375.9	16,200 *				100
105	63.3	367.8	15,700 *	68.3	373.9	16,100 *				105
110	61.6	365.0	15,100 *	66.7	371.7	15,900 *				110
115	60.0	362.1	14,600 *	65.1	369.4	15,700 *				115
120	58.3	359.0	14,100 *	63.5	366.9	15,500 *				120
125	56.6	355.7	13,600 *	61.9	364.2	15,400 *				125
130	54.9	352.2	13,200 *	60.3	361.3	15,000 *				130
135	53.1	348.4	12,800 *	58.6	358.2	14,500 *				135
140	51.2	344.4	12,400 *	56.9	355.0	14,000 *				140
145	49.4	340.1	12,000 *	55.2	351.5	13,500 *				145
150	47.4	335.5	11,700 *	53.4	347.8	13,100 *				150
155	45.4	330.6	11,400 *	51.6	343.8	12,700 *				155
160	43.3	325.3	11,100 *	49.7	339.5	12,300 *				160
165	41.2	319.6	10,800 *	47.8	335.0	12,000 *				165
170	38.9	313.5	10,500 *	45.8	330.1	11,600 *				170
175	36.5	306.8	10,300 *	43.7	324.9	11,300 *				175
180	34.0	299.5	10,000 *	41.6	319.3	11,000 *	56.9	345.2	7,400 *	180
185	31.3	291.4	9,600 *	39.3	313.3	10,700 *	55.2	341.7	7,100 *	185
190	28.4	282.3	9,200 *	37.0	306.7	10,500 *	53.4	338.0	6,800 *	190
195	25.1	272.0	8,800 *	34.5	299.5	10,200 *	51.6	334.0	6,500 *	195
200	21.3	259.8	8,500 *	31.8	291.5	9,700 *	49.7	329.8	6,200 *	200
205	16.7	244.4	8,200 *	28.9	282.6	9,200 *	47.8	325.2	5,900 *	205
210	10.1	221.8	7,600 *	25.7	272.5	8,800 *	45.8	320.4	5,600 *	210
220				17.6	246.0	8,000 *	41.6	309.6	5,100 *	220
230							37.0	296.9	4,500	230
240							31.8	281.8	4,000 *	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 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, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	74.8	392.5	16,200 *							70
75	73.4	391.0	16,000 *							75
80	72.0	389.4	15,700 *							80
85	70.5	387.6	15,500 *							85
90	69.1	385.7	15,300 *							90
95	67.6	383.6	15,100 *							95
100	66.1	381.4	15,000 *							100
105	64.6	379.0	14,800 *	69.3	384.7	14,800 *				105
110	63.1	376.4	14,600 *	67.9	382.6	14,700 *				110
115	61.6	373.7	14,300 *	66.4	380.4	14,500 *				115
120	60.0	370.8	13,800 *	64.9	378.1	14,400 *				120
125	58.4	367.7	13,400 *	63.4	375.5	14,300 *				125
130	56.8	364.4	12,900 *	61.8	372.8	14,200 *				130
135	55.1	360.9	12,500 *	60.3	370.0	14,000 *				135
140	53.4	357.2	12,200 *	58.7	366.9	13,700 *				140
145	51.7	353.3	11,800 *	57.0	363.7	13,300 *				145
150	49.9	349.0	11,500 *	55.4	360.2	12,900 *				150
155	48.1	344.6	11,200 *	53.7	356.5	12,500 *				155
160	46.2	339.8	10,900 *	52.0	352.6	12,100 *				160
165	44.3	334.6	10,600 *	50.2	348.4	11,800 *				165
170	42.2	329.2	10,400 *	48.4	344.0	11,400 *				170
175	40.1	323.3	10,100 *	46.5	339.3	11,100 *				175
180	37.9	316.9	9,800 *	44.6	334.2	10,900 *				180
185	35.6	310.0	9,400 *	42.6	328.8	10,600 *	57.1	353.9	6,500 *	185
190	33.2	302.4	9,100 *	40.5	323.0	10,200 *	55.4	350.4	6,200 *	190
195	30.5	294.1	8,800 *	38.3	316.7	9,700 *	53.7	346.7	6,000 *	195
200	27.6	284.7	8,500 *	36.0	309.9	9,200 *	52.0	342.8	5,700 *	200
205	24.4	274.1	8,100 *	33.6	302.4	8,800 *	50.2	338.7	5,400 *	205
210	20.8	261.5	7,900 *	31.0	294.2	8,300 *	48.4	334.2	5,100 *	210
220	9.8	222.6	6,400 *	25.0	274.7	7,500 *	44.6	324.5	4,600 *	220
230				17.1	247.5	6,800 *	40.5	313.2	4,100 *	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 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, 50 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	75.5	402.9	14,900 *							70
75	74.2	401.5	14,700 *							75
80	72.8	399.9	14,500 *							80
85	71.5	398.2	14,300 *							85
90	70.1	396.4	14,100 *							90
95	68.7	394.4	14,000 *							95
100	67.3	392.3	13,800 *							100
105	65.9	390.1	13,600 *							105
110	64.4	387.7	13,500 *	68.9	393.4	13,500 *				110
115	63.0	385.1	13,300 *	67.5	391.4	13,600 *				115
120	61.5	382.4	13,200 *	66.1	389.1	13,200 *				120
125	60.0	379.5	12,900 *	64.7	386.7	13,100 *				125
130	58.5	376.4	12,600 *	63.2	384.2	13,000 *				130
135	56.9	373.1	12,200 *	61.7	381.5	12,900 *				135
140	55.3	369.6	11,900 *	60.2	378.6	12,800 *				140
145	53.7	366.0	11,600 *	58.7	375.6	12,700 *				145
150	52.1	362.1	11,200 *	57.2	372.3	12,500 *				150
155	50.4	357.9	10,900 *	55.6	368.9	12,200 *				155
160	48.7	353.5	10,700 *	54.0	365.3	11,800 *				160
165	46.9	348.9	10,400 *	52.4	361.4	11,500 *				165
170	45.1	343.9	10,100 *	50.7	357.3	11,200 *				170
175	43.2	338.6	9,800 *	49.0	353.0	10,900 *				175
180	41.2	332.9	9,500 *	47.2	348.3	10,600 *				180
185	39.2	326.8	9,200 *	45.4	343.4	10,400 *				185
190	37.0	320.2	8,900 *	43.5	338.2	9,900 *	57.2	362.6	5,900 *	190
195	34.8	313.1	8,600 *	41.6	332.5	9,400 *	55.6	359.1	5,700 *	195
200	32.4	305.3	8,300 *	39.5	326.5	8,900 *	54.0	355.5	5,400 *	200
205	29.8	296.7	8,100 *	37.4	320.0	8,400 *	52.4	351.6	5,100 *	205
210	27.0	287.1	7,800 *	35.2	313.0	8,000 *	50.7	347.5	4,800 *	210
220	20.3	263.3	7,100 *	30.2	296.9	7,200 *	47.2	338.6	4,300 *	220
230	9.6	223.3	5,400 *	24.4	276.8	6,400 *				230
240				16.7	248.9	5,700 *				240



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 Lb. Carbody Counterweight
 360 Degree Rating

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

180 Ft. Boom, 140 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	
65	75.3	383.6	15,100 *							65
70	73.9	382.1	14,800 *							70
75	72.4	380.6	14,600 *							75
80	70.9	378.8	14,300 *							80
85	69.3	376.9	14,000 *							85
90	67.8	374.9	13,700 *							90
95	66.2	372.7	13,500 *							95
100	64.7	370.3	13,300 *	69.6	375.9	13,700 *				100
105	63.1	367.8	13,000 *	68.1	373.9	13,500 *				105
110	61.4	365.1	12,800 *	66.5	371.8	13,300 *				110
115	59.8	362.2	12,600 *	64.9	369.4	13,100 *				115
120	58.1	359.1	12,400 *	63.3	366.9	12,900 *				120
125	56.4	355.8	12,200 *	61.7	364.2	12,700 *				125
130	54.7	352.3	12,000 *	60.1	361.4	12,400 *				130
135	52.9	348.5	11,700 *	58.4	358.3	12,300 *				135
140	51.0	344.5	11,400 *	56.7	355.0	12,100 *				140
145	49.2	340.2	11,000 *	55.0	351.5	11,900 *				145
150	47.2	335.6	10,700 *	53.2	347.8	11,800 *				150
155	45.2	330.7	10,400 *	51.4	343.8	11,600 *				155
160	43.2	325.4	10,100 *	49.5	339.6	11,300 *				160
165	41.0	319.7	9,800 *	47.6	335.1	10,900 *				165
170	38.7	313.6	9,500 *	45.6	330.2	10,600 *				170
175	36.4	306.9	9,300 *	43.5	325.0	10,300 *				175
180	33.8	299.6	9,000 *	41.4	319.4	10,000 *	56.7	345.2	7,500 *	180
185	31.1	291.5	8,800 *	39.1	313.3	9,700 *	55.0	341.7	7,200 *	185
190	28.2	282.4	8,600 *	36.8	306.7	9,500 *	53.2	338.0	6,900 *	190
195	24.9	272.1	8,400 *	34.3	299.5	9,200 *	51.4	334.1	6,600 *	195
200	21.1	259.9	8,100 *	31.6	291.6	9,000 *	49.5	329.8	6,300 *	200
205	16.6	244.6	7,800 *	28.7	282.7	8,800 *	47.6	325.3	6,100 *	205
210	10.0	222.1	7,600 *	25.5	272.6	8,600 *	45.6	320.4	5,800 *	210
220				17.4	246.2	8,200 *	41.4	309.6	5,200	220
230							36.8	297.0	4,700	230
240							31.7	281.9	4,200	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

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

180 Ft. Boom, 150 Ft. Luffing Jib, 60 Ft. Fixed Jib

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 Degree Boom Angle			70 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	74.7	392.6	14,200 *							70
75	73.2	391.1	13,900 *							75
80	71.8	389.4	13,700 *							80
85	70.4	387.6	13,500 *							85
90	68.9	385.7	13,300 *							90
95	67.4	383.6	13,000 *							95
100	65.9	381.4	12,800 *	70.6	386.6	13,100 *				100
105	64.4	379.0	12,600 *	69.2	384.7	12,900 *				105
110	62.9	376.5	12,400 *	67.7	382.7	12,700 *				110
115	61.4	373.8	12,200 *	66.2	380.5	12,600 *				115
120	59.8	370.9	12,000 *	64.7	378.1	12,400 *				120
125	58.2	367.8	11,800 *	63.2	375.6	12,200 *				125
130	56.6	364.5	11,600 *	61.6	372.9	12,000 *				130
135	54.9	361.0	11,500 *	60.1	370.0	11,900 *				135
140	53.2	357.3	11,200 *	58.5	367.0	11,700 *				140
145	51.5	353.3	10,800 *	56.9	363.7	11,600 *				145
150	49.7	349.1	10,500 *	55.2	360.3	11,400 *				150
155	47.9	344.6	10,200 *	53.5	356.6	11,300 *				155
160	46.0	339.8	9,900 *	51.8	352.7	11,100 *				160
165	44.1	334.7	9,600 *	50.0	348.5	10,800 *				165
170	42.1	329.2	9,400 *	48.2	344.1	10,400 *				170
175	40.0	323.3	9,100 *	46.3	339.3	10,100 *				175
180	37.8	317.0	8,900 *	44.4	334.3	9,800 *				180
185	35.4	310.1	8,700 *	42.4	328.9	9,600 *	56.9	353.9	6,900 *	185
190	33.0	302.5	8,500 *	40.3	323.0	9,300 *	55.2	350.5	6,600 *	190
195	30.3	294.2	8,300 *	38.1	316.8	9,100 *	53.6	346.8	6,400 *	195
200	27.5	284.8	8,100 *	35.9	309.9	8,900 *	51.8	342.9	6,100 *	200
205	24.3	274.2	7,800 *	33.4	302.5	8,600 *	50.1	338.7	5,800 *	205
210	20.6	261.7	7,600 *	30.8	294.3	8,400 *	48.3	334.3	5,500 *	210
220	9.7	222.8	6,900 *	24.9	274.8	8,100 *	44.5	324.5	5,000 *	220
230				17.0	247.6	7,300 *	40.4	313.3	4,500 *	230
240							35.9	300.2	4,000 *	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
 Luffing Jib No. 139 On Boom No. 78
 142,000 Lb. Crane Counterweight
 44,000 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			70 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	75.4	403.0	13,400 *							70
75	74.0	401.5	13,500 *							75
80	72.7	400.0	13,000 *							80
85	71.3	398.3	12,900 *							85
90	69.9	396.4	12,600 *							90
95	68.5	394.5	12,400 *							95
100	67.1	392.4	12,200 *							100
105	65.7	390.1	12,000 *	70.1	395.4	12,200 *				105
110	64.2	387.7	11,900 *	68.8	393.5	12,100 *				110
115	62.8	385.1	11,700 *	67.3	391.4	12,000 *				115
120	61.3	382.4	11,500 *	65.9	389.2	11,800 *				120
125	59.8	379.5	11,400 *	64.5	386.8	11,600 *				125
130	58.3	376.4	11,200 *	63.0	384.3	11,500 *				130
135	56.7	373.2	11,000 *	61.6	381.6	11,300 *				135
140	55.2	369.7	10,900 *	60.1	378.7	11,200 *				140
145	53.6	366.0	10,600 *	58.6	375.6	11,100 *				145
150	51.9	362.1	10,300 *	57.0	372.4	10,900 *				150
155	50.2	358.0	10,000 *	55.4	369.0	10,800 *				155
160	48.5	353.6	9,700 *	53.8	365.3	10,700 *				160
165	46.7	348.9	9,500 *	52.2	361.5	10,500 *				165
170	44.9	343.9	9,200 *	50.5	357.4	10,300 *				170
175	43.0	338.6	9,000 *	48.8	353.0	10,000 *				175
180	41.0	332.9	8,800 *	47.0	348.4	9,700 *				180
185	39.0	326.8	8,600 *	45.2	343.5	9,400 *				185
190	36.9	320.3	8,400 *	43.3	338.2	9,200 *	57.0	362.6	6,100 *	190
195	34.6	313.1	8,200 *	41.4	332.6	9,000 *	55.5	359.2	5,800 *	195
200	32.2	305.4	8,000 *	39.4	326.6	8,700 *	53.9	355.5	5,600 *	200
205	29.6	296.8	7,800 *	37.2	320.1	8,500 *	52.2	351.7	5,300 *	205
210	26.8	287.2	7,500 *	35.0	313.1	8,300 *	50.6	347.6	5,100 *	210
220	20.1	263.4	7,000 *	30.1	297.0	7,600 *	47.1	338.6	4,500 *	220
230	9.5	223.6	5,800 *	24.3	276.9	6,900 *	43.4	328.5	4,100 *	230
240				16.6	249.0	6,200 *				240

Liftcrane Fixed Jib Capacities

777 SERIES 2

Fixed Jib No. 138 Set At 3 Degree Offset Angle On
Luffing Jib No. 139 On Boom No. 78
142,000 Lb. Crane Counterweight
44,000 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			70 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	76.0	413.3	12,600 *							70
75	74.7	411.9	12,500 *							75
80	73.4	410.5	12,300 *							80
85	72.1	408.8	12,100 *							85
90	70.8	407.1	11,900 *							90
95	69.5	405.2	11,800 *							95
100	68.2	403.2	11,600 *							100
105	66.8	401.1	11,400 *							105
110	65.4	398.8	11,200 *	69.7	404.2	11,400 *				110
115	64.1	396.4	11,100 *	68.4	402.3	11,300 *				115
120	62.7	393.8	10,900 *	67.0	400.1	11,100 *				120
125	61.3	391.1	10,800 *	65.7	397.9	11,000 *				125
130	59.8	388.2	10,600 *	64.3	395.5	10,900 *				130
135	58.4	385.1	10,500 *	62.9	392.9	10,700 *				135
140	56.9	381.9	10,400 *	61.5	390.2	10,600 *				140
145	55.4	378.4	10,200 *	60.1	387.3	10,500 *				145
150	53.8	374.8	10,100 *	58.6	384.3	10,400 *				150
155	52.3	370.9	9,800 *	57.1	381.1	10,300 *				155
160	50.7	366.9	9,500 *	55.6	377.7	10,200 *				160
165	49.0	362.5	9,300 *	54.1	374.1	10,000 *				165
170	47.4	358.0	9,000 *	52.6	370.3	9,900 *				170
175	45.6	353.1	8,800 *	51.0	366.2	9,700 *				175
180	43.8	347.9	8,600 *	49.3	362.0	9,500 *				180
185	42.0	342.4	8,400 *	47.7	357.4	9,200 *				185
190	40.1	336.6	8,200 *	45.9	352.6	9,000 *				190
195	38.1	330.3	8,000 *	44.2	347.5	8,800 *	57.2	371.3	5,500 *	195
200	36.0	323.5	7,800 *	42.3	342.1	8,500 *	55.7	367.9	5,300 *	200
205	33.8	316.2	7,600 *	40.4	336.3	8,300 *	54.1	364.3	5,000 *	205
210	31.5	308.1	7,400 *	38.4	330.1	8,100 *	52.6	360.5	4,800 *	210
220	26.2	289.5	6,900 *	34.2	316.1	7,300 *	49.4	352.2	4,300 *	220
230	19.7	265.1	6,400 *	29.4	299.6	6,500 *				230
240	9.2	224.4	4,800 *	23.7	279.0	5,800 *				240
250				16.2	250.4	5,200 *				250