

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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 New York City criteria of 1.4 factor applied to total machine moment.

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	20,100				125
130	46.1	271.9	17,900 *	51.7	281.8	19,000				130
135	43.7	266.8	17,400 *	49.5	277.6	17,900				135
140	41.2	261.2	16,900 *	47.2	273.1	16,900				140
145	38.5	255.1	16,500 *	44.8	268.2	15,900				145
150	35.7	248.3	16,000 *	42.4	262.8	15,000	56.4	282.5	8,000	150
155	32.7	240.8	15,100 *	39.8	257.0	14,200	54.3	278.9	7,500	155
160	29.4	232.3	14,200 *	37.1	250.6	13,500	52.2	275.1	6,900	160
165	25.7	222.5	13,400 *	34.2	243.4	12,700	50.0	271.0	6,400	165
170	21.4	210.7	12,600 *	31.0	235.5	12,100	47.8	266.6	6,000	170
175	16.0	195.5	11,700 *	27.5	226.3	11,400	45.5	261.8	5,500	175
180	7.4	170.1	9,700 *	23.6	215.6	10,800	43.0	256.5	5,100	180
185				18.8	202.3	10,200	40.5	250.8	4,700	185
190				12.3	183.6	9,700	37.8	244.5	4,300	190
195							35.0	237.6	4,000	195

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Luffing Jib No. 139 On Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

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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	18,800				130
135	46.9	281.0	17,200 *	52.1	290.6	17,700				135
140	44.7	276.0	16,700 *	50.1	286.5	16,700				140
145	42.4	270.7	16,300 *	48.0	282.1	15,700				145
150	40.0	264.8	15,800 *	45.8	277.3	14,800				150
155	37.4	258.5	15,000 *	43.5	272.2	14,000	56.6	291.2	7,300	155
160	34.7	251.5	14,100 *	41.1	266.6	13,300	54.6	287.7	6,700	160
165	31.7	243.7	13,300 *	38.6	260.5	12,600	52.7	283.9	6,200	165
170	28.5	234.9	12,600 *	36.0	253.8	11,900	50.6	279.9	5,800	170
175	25.0	224.7	11,800 *	33.2	246.4	11,300	48.5	275.5	5,300	175
180	20.8	212.6	11,100 *	30.1	238.1	10,700	46.4	270.9	4,900	180
185	15.6	196.8	10,300 *	26.7	228.7	10,100	44.1	265.8	4,500	185
190	7.1	170.7	8,500 *	22.9	217.6	9,500	41.8	260.3	4,100	190
195				18.2	203.9	9,000				195
200				11.9	184.6	8,500				200



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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	18,300				130
135	49.7	294.4	16,900 *	54.5	303.2	17,200				135
140	47.7	290.0	16,500 *	52.6	299.4	16,200				140
145	45.6	285.2	16,100 *	50.6	295.4	15,300				145
150	43.5	280.0	15,600 *	48.7	291.1	14,400				150
155	41.2	274.4	14,700 *	46.6	286.4	13,600				155
160	38.9	268.4	13,900 *	44.5	281.4	12,900	56.8	299.8	6,200	160
165	36.4	261.7	13,100 *	42.3	276.1	12,100	54.9	296.4	5,700	165
170	33.7	254.5	12,300 *	40.0	270.2	11,500	53.1	292.7	5,300	170
175	30.9	246.4	11,600 *	37.6	263.9	10,800	51.2	288.7	4,800	175
180	27.8	237.3	10,900 *	35.0	257.0	10,300	49.2	284.5	4,400	180
185	24.3	226.9	10,200 *	32.3	249.3	9,700	47.2	279.9	4,000	185
190	20.2	214.3	9,600 *	29.3	240.7	9,200				190
195	15.1	198.1	8,900 *	26.0	231.0	8,600				195
200	6.9	171.3	7,200 *	22.2	219.5	8,200				200
205				17.7	205.4	7,700				205
210				11.6	185.6	7,200				210

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

Fixed Jib Oper. Rad. Feet	88 Degree Boom Angle			83 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	
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	16,900	135
140	50.3	303.3	16,000 *	54.7	311.9	15,900	140
145	48.4	299.0	15,500 *	53.0	308.2	15,000	145
150	46.4	294.3	15,100 *	51.1	304.2	14,100	150
155	44.4	289.3	14,500 *	49.3	300.0	13,300	155
160	42.3	283.9	13,600 *	47.4	295.5	12,500	160
165	40.1	278.1	12,800 *	45.4	290.6	11,800	165
170	37.8	271.8	12,000 *	43.3	285.4	11,100	170
175	35.4	264.9	11,300 *	41.2	279.8	10,500	175
180	32.8	257.4	10,700 *	38.9	273.8	9,900	180
185	30.1	249.1	10,000 *	36.6	267.2	9,400	185
190	27.0	239.7	9,400 *	34.1	260.0	8,800	190
195	23.6	228.9	8,800 *	31.4	252.1	8,300	195
200	19.7	216.0	8,200 *	28.5	243.3	7,800	200
205	14.7	199.4	7,600 *	25.3	233.2	7,400	205
210	6.7	171.8	6,100 *	21.7	221.4	6,900	210
220				11.3	186.6	6,100	220



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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	7,600	155
160	35.1	251.4	12,800 *	41.5	266.5	13,700	55.1	287.6	7,100	160
165	32.1	243.6	12,500 *	39.0	260.4	13,000	53.1	283.9	6,600	165
170	28.9	234.8	12,200 *	36.4	253.7	12,300	51.0	279.8	6,100	170
175	25.3	224.6	11,900 *	33.6	246.3	11,600	48.9	275.5	5,600	175
180	21.2	212.4	11,500 *	30.5	238.0	11,000	46.8	270.8	5,200	180
185	15.9	196.7	10,700 *	27.1	228.6	10,500	44.5	265.7	4,800	185
190	7.4	170.3	8,900 *	23.3	217.5	9,900	42.2	260.3	4,500	190
195				18.6	203.7	9,400	39.7	254.3	4,100	195
200				12.3	184.4	8,900				200

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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	13,500	57.1	299.8	6,900	160
165	36.7	261.7	12,300 *	42.7	276.0	12,800	55.3	296.3	6,400	165
170	34.1	254.4	12,000 *	40.4	270.2	12,100	53.5	292.6	5,900	170
175	31.2	246.3	11,700 *	37.9	263.8	11,500	51.5	288.7	5,400	175
180	28.1	237.2	11,500 *	35.4	256.9	10,900	49.6	284.4	5,000	180
185	24.6	226.7	10,800 *	32.6	249.2	10,300	47.5	279.9	4,600	185
190	20.6	214.2	10,200 *	29.6	240.6	9,800	45.4	275.0	4,300	190
195	15.5	197.9	9,400 *	26.4	230.9	9,200				195
200	7.2	170.8	7,800 *	22.6	219.4	8,800				200
205				18.1	205.2	8,300				205
210				11.9	185.4	7,800				210



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44,000 Lb. Carbody Counterweight

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 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	13,100				160
165	40.5	278.0	12,100 *	45.7	290.6	12,400	57.3	308.5	5,800	165
170	38.2	271.7	11,900 *	43.7	285.4	11,700	55.6	305.0	5,400	170
175	35.8	264.8	11,600 *	41.5	279.7	11,100	53.8	301.4	4,900	175
180	33.2	257.3	11,200 *	39.3	273.7	10,500	52.0	297.5	4,500	180
185	30.4	249.0	10,600 *	36.9	267.1	9,900	50.1	293.3	4,100	185
190	27.4	239.6	10,000 *	34.4	259.9	9,400				190
195	24.0	228.8	9,400 *	31.8	252.0	8,900				195
200	20.0	215.9	8,800 *	28.9	243.2	8,400				200
205	15.1	199.2	8,100 *	25.7	233.1	7,900				205
210	7.0	171.4	6,600 *	22.0	221.3	7,500				210
220				11.6	186.3	6,600				220

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	12,700 *	160
165	43.6	293.2	11,900 *	48.4	304.4	12,000 *	165
170	41.6	287.6	11,600 *	46.5	299.7	11,300 *	170
175	39.4	281.5	11,400 *	44.6	294.6	10,700 *	175
180	37.2	275.0	11,000 *	42.6	289.2	10,100 *	180
185	34.9	267.9	10,300 *	40.5	283.4	9,600 *	185
190	32.4	260.2	9,700 *	38.3	277.1	9,000 *	190
195	29.6	251.6	9,100 *	36.0	270.3	8,500 *	195
200	26.7	241.9	8,600 *	33.6	262.9	8,000 *	200
205	23.4	230.8	8,100 *	31.0	254.7	7,600 *	205
210	19.5	217.5	7,500 *	28.1	245.6	7,200 *	210
220	6.8	171.9	5,500 *	21.4	223.1	6,300 *	220
230				11.3	187.2	5,500 *	230



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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	7,100	160
165	36.8	261.7	10,800 *	42.8	276.0	11,700 *	55.4	296.3	6,600	165
170	34.2	254.4	10,600 *	40.5	270.2	11,400 *	53.5	292.6	6,200	170
175	31.3	246.3	10,300 *	38.0	263.8	11,100 *	51.6	288.7	5,700	175
180	28.2	237.2	10,100 *	35.5	256.9	10,800 *	49.7	284.4	5,300	180
185	24.7	226.7	9,900 *	32.7	249.2	10,500 *	47.6	279.9	4,900	185
190	20.7	214.2	9,700 *	29.7	240.6	10,100	45.5	275.0	4,500	190
195	15.6	198.0	9,500 *	26.5	230.9	9,600	43.4	269.7	4,200	195
200	7.3	170.9	8,100 *	22.7	219.4	9,100				200
205				18.2	205.3	8,600				205
210				12.0	185.4	8,200				210

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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	6,400	165
170	38.3	271.7	10,400 *	43.8	285.4	11,200 *	55.7	305.0	5,900	170
175	35.9	264.9	10,200 *	41.6	279.8	10,900 *	53.9	301.4	5,500	175
180	33.3	257.3	9,900 *	39.4	273.7	10,600 *	52.1	297.5	5,100	180
185	30.5	249.0	9,700 *	37.0	267.1	10,400 *	50.2	293.3	4,700	185
190	27.5	239.6	9,500 *	34.5	259.9	9,900	48.3	288.9	4,300	190
195	24.1	228.8	9,300 *	31.9	252.0	9,400	46.3	284.1	4,000	195
200	20.1	215.9	9,100 *	29.0	243.2	8,900				200
205	15.2	199.2	8,600 *	25.8	233.1	8,500				205
210	7.1	171.4	7,100 *	22.1	221.3	8,000				210
220				11.7	186.3	7,200				220



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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 *	170
175	39.5	281.6	10,000 *	44.6	294.6	10,800 *	175
180	37.3	275.0	9,800 *	42.6	289.2	10,500 *	180
185	34.9	268.0	9,600 *	40.6	283.4	10,000	185
190	32.4	260.2	9,400 *	38.4	277.1	9,500	190
195	29.7	251.6	9,200 *	36.1	270.3	9,000	195
200	26.8	241.9	9,000 *	33.7	262.9	8,500	200
205	23.5	230.8	8,600 *	31.1	254.8	8,100	205
210	19.6	217.6	8,000 *	28.2	245.6	7,600	210
220	6.9	171.9	6,000 *	21.5	223.2	6,800	220
230				11.4	187.3	6,000	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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 *	175
180	40.6	291.2	9,600 *	45.4	303.8	10,300 *	180
185	38.6	285.0	9,400 *	43.5	298.6	9,700 *	185
190	36.4	278.3	9,200 *	41.6	293.0	9,200 *	190
195	34.1	271.0	9,000 *	39.6	287.0	8,700 *	195
200	31.7	263.0	8,800 *	37.4	280.5	8,200 *	200
205	29.0	254.1	8,300 *	35.2	273.5	7,700 *	205
210	26.1	244.2	7,800 *	32.8	265.8	7,300 *	210
220	19.1	219.2	6,900 *	27.5	248.0	6,500 *	220
230	6.7	172.4	5,000 *	21.0	224.9	5,700 *	230
240				11.1	188.2	5,000 *	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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	6,600	165
170	38.1	271.8	9,400 *	43.6	285.4	10,200 *	55.5	305.1	6,200	170
175	35.7	264.9	9,200 *	41.4	279.8	9,900 *	53.7	301.4	5,700	175
180	33.1	257.4	8,900 *	39.2	273.8	9,600 *	51.9	297.5	5,300	180
185	30.3	249.1	8,700 *	36.8	267.2	9,400 *	50.0	293.4	4,900	185
190	27.3	239.7	8,500 *	34.3	260.0	9,100 *	48.1	288.9	4,600	190
195	23.9	228.9	8,300 *	31.7	252.1	8,900 *	46.2	284.2	4,200	195
200	20.0	216.0	8,100 *	28.8	243.3	8,700 *				200
205	15.0	199.4	8,000 *	25.6	233.2	8,500 *				205
210	7.0	171.8	7,400 *	21.9	221.4	8,300 *				210
220				11.6	186.6	7,500				220

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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	5,900	170
175	39.4	281.6	9,000 *	44.5	294.7	9,700 *	55.7	313.8	5,500	175
180	37.1	275.1	8,800 *	42.5	289.3	9,500 *	54.0	310.2	5,100	180
185	34.8	268.0	8,600 *	40.4	283.5	9,200 *	52.3	306.4	4,700	185
190	32.3	260.3	8,400 *	38.2	277.2	9,000 *	50.5	302.3	4,400	190
195	29.6	251.7	8,200 *	35.9	270.4	8,800 *	48.7	297.9	4,000	195
200	26.6	242.0	8,000 *	33.5	263.0	8,600 *				200
205	23.3	230.9	7,800 *	30.9	254.8	8,400 *				205
210	19.5	217.7	7,700 *	28.1	245.7	8,100				210
220	6.8	172.3	6,400 *	21.4	223.3	7,300				220
230				11.3	187.5	6,600				230



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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 *	175
180	40.5	291.3	8,700 *	45.3	303.9	9,300 *	180
185	38.4	285.1	8,500 *	43.4	298.7	9,100 *	185
190	36.2	278.4	8,300 *	41.4	293.1	8,900 *	190
195	33.9	271.1	8,100 *	39.4	287.0	8,600 *	195
200	31.5	263.1	7,900 *	37.3	280.6	8,400 *	200
205	28.9	254.2	7,700 *	35.0	273.6	8,200 *	205
210	26.0	244.3	7,600 *	32.7	265.9	7,800 *	210
220	19.0	219.3	7,300 *	27.4	248.1	6,900 *	220
230	6.7	172.9	5,400 *	20.9	225.1	6,200 *	230
240				11.0	188.4	5,500 *	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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 *	180
185	41.5	300.9	8,300 *	46.0	313.0	8,900 *	185
190	39.5	294.9	8,100 *	44.2	308.0	8,700 *	190
195	37.5	288.5	7,900 *	42.4	302.5	8,500 *	195
200	35.4	281.5	7,800 *	40.5	296.7	8,300 *	200
205	33.2	274.0	7,600 *	38.5	290.5	7,800 *	205
210	30.8	265.8	7,400 *	36.4	283.8	7,400 *	210
220	25.4	246.5	7,100 *	31.9	268.7	6,600 *	220
230	18.6	220.9	6,300 *	26.8	250.5	5,900 *	230
240	6.5	173.4	4,400 *	20.4	226.8	5,200 *	240
250				10.7	189.3	4,500 *	250



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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	22,100				115
120	50.9	301.5	19,200 *	56.8	310.8	20,700				120
125	48.7	297.2	18,600 *	54.8	307.4	19,500				125
130	46.4	292.5	18,000 *	52.7	303.6	18,300				130
135	44.0	287.5	17,500 *	50.5	299.6	17,300				135
140	41.5	282.0	17,000 *	48.3	295.2	16,300				140
145	38.9	276.0	16,300 *	46.0	290.5	15,300				145
150	36.1	269.3	15,600 *	43.6	285.4	14,500				150
155	33.1	261.9	14,800 *	41.1	279.8	13,700	57.1	302.5	5,800	155
160	29.9	253.6	14,200 *	38.4	273.6	12,900	55.1	299.1	5,300	160
165	26.3	244.0	13,500 *	35.6	266.9	12,200	53.0	295.4	4,900	165
170	22.1	232.5	12,700 *	32.6	259.3	11,600	50.8	291.4	4,500	170
175	16.9	217.9	11,900 *	29.3	250.8	11,000	48.6	287.0	4,100	175
180	9.1	195.3	10,000 *	25.6	240.9	10,400				180
185				21.2	229.0	9,800				185
190				15.8	213.6	9,300				190
195				6.8	187.3	8,700				195

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	20,500	120
125	51.5	310.4	18,300 *	57.0	319.5	19,300	125
130	49.4	306.1	17,700 *	55.1	316.1	18,100	130
135	47.3	301.6	17,200 *	53.1	312.4	17,100	135
140	45.0	296.7	16,500 *	51.1	308.4	16,100	140
145	42.7	291.4	15,900 *	49.0	304.2	15,200	145
150	40.3	285.7	15,300 *	46.9	299.6	14,300	150
155	37.8	279.4	14,600 *	44.6	294.6	13,500	155
160	35.1	272.5	14,000 *	42.3	289.2	12,800	160
165	32.2	264.8	13,400 *	39.9	283.4	12,100	165
170	29.0	256.2	12,700 *	37.3	277.0	11,400	170
175	25.5	246.2	11,900 *	34.6	270.0	10,800	175
180	21.4	234.4	11,200 *	31.6	262.1	10,200	180
185	16.4	219.4	10,500 *	28.4	253.3	9,600	185
190	8.8	196.0	8,800 *	24.8	243.1	9,100	190
195				20.6	230.8	8,600	195
200				15.3	214.9	8,100	200
205				6.6	187.8	7,600	205

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	18,800	125
130	51.9	319.2	16,900 *	57.2	328.2	17,700	130
135	50.0	315.0	16,400 *	55.4	324.8	16,600	135
140	48.0	310.6	15,800 *	53.5	321.2	15,600	140
145	45.9	305.9	15,200 *	51.6	317.3	14,700	145
150	43.8	300.7	14,700 *	49.6	313.1	13,900	150
155	41.5	295.2	14,200 *	47.6	308.6	13,100	155
160	39.2	289.2	13,700 *	45.5	303.8	12,300	160
165	36.7	282.7	13,200 *	43.4	298.6	11,600	165
170	34.1	275.5	12,400 *	41.1	293.0	11,000	170
175	31.3	267.6	11,700 *	38.8	286.9	10,400	175
180	28.2	258.7	11,000 *	36.3	280.3	9,800	180
185	24.8	248.4	10,300 *	33.6	273.0	9,200	185
190	20.8	236.2	9,700 *	30.8	264.9	8,700	190
195	16.0	220.7	9,000 *	27.6	255.8	8,200	195
200	8.6	196.7	7,500 *	24.1	245.2	7,800	200
205				20.1	232.6	7,300	205
210				14.9	216.2	6,800	210

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	16,300	135
140	50.5	323.9	15,000 *	55.6	333.5	15,300	140
145	48.6	319.6	14,500 *	53.8	329.9	14,400	145
150	46.7	314.9	14,000 *	52.0	326.1	13,500	150
155	44.7	310.0	13,600 *	50.2	322.0	12,700	155
160	42.6	304.6	13,100 *	48.3	317.6	12,000	160
165	40.4	298.9	12,700 *	46.3	312.9	11,300	165
170	38.2	292.7	12,200 *	44.3	307.9	10,700	170
175	35.8	285.9	11,400 *	42.2	302.5	10,000	175
180	33.2	278.5	10,800 *	40.0	296.6	9,500	180
185	30.5	270.3	10,100 *	37.7	290.3	8,900	185
190	27.5	261.1	9,500 *	35.3	283.5	8,400	190
195	24.1	250.5	8,900 *	32.7	275.9	7,900	195
200	20.3	238.0	8,300 *	30.0	267.6	7,400	200
205	15.5	222.1	7,700 *	26.9	258.1	7,000	205
210	8.4	197.4	6,300 *	23.5	247.3	6,600	210
220				14.5	217.5	5,700	220



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	14,700 *	150
155	38.2	279.3	13,200 *	45.0	294.5	13,900 *	155
160	35.5	272.4	12,800 *	42.7	289.2	13,200 *	160
165	32.6	264.7	12,500 *	40.3	283.3	12,500 *	165
170	29.4	256.1	12,300 *	37.7	276.9	11,800 *	170
175	25.9	246.1	11,900 *	35.0	269.9	11,200 *	175
180	21.8	234.3	11,300 *	32.0	262.1	10,600 *	180
185	16.8	219.2	10,800 *	28.8	253.2	10,000 *	185
190	9.2	195.7	9,200 *	25.2	243.0	9,500 *	190
195				21.0	230.7	9,000 *	195
200				15.7	214.8	8,500 *	200
205				6.9	187.4	8,000 *	205

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	14,500 *	150
155	41.9	295.1	13,000 *	48.0	308.5	13,700 *	155
160	39.6	289.1	12,700 *	45.9	303.7	13,000 *	160
165	37.1	282.6	12,400 *	43.8	298.5	12,300 *	165
170	34.5	275.4	12,100 *	41.5	292.9	11,600 *	170
175	31.7	267.5	11,700 *	39.1	286.8	11,000 *	175
180	28.6	258.5	11,200 *	36.6	280.2	10,400 *	180
185	25.2	248.3	10,900 *	34.0	272.9	9,900 *	185
190	21.2	236.1	10,300 *	31.1	264.8	9,300 *	190
195	16.3	220.5	9,600 *	28.0	255.6	8,800 *	195
200	8.9	196.4	8,000 *	24.5	245.1	8,400 *	200
205				20.4	232.4	7,900 *	205
210				15.3	216.0	7,400 *	210



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	14,100	150
155	45.0	309.9	12,800 *	50.6	321.9	13,300	155
160	43.0	304.6	12,500 *	48.7	317.5	12,500	160
165	40.8	298.8	12,200 *	46.7	312.8	11,800	165
170	38.5	292.6	11,900 *	44.7	307.8	11,200	170
175	36.1	285.8	11,600 *	42.6	302.4	10,600	175
180	33.6	278.4	11,100 *	40.4	296.6	10,000	180
185	30.8	270.2	10,700 *	38.1	290.2	9,400	185
190	27.8	261.0	10,100 *	35.7	283.4	8,900	190
195	24.5	250.4	9,500 *	33.1	275.8	8,400	195
200	20.6	237.8	8,900 *	30.3	267.5	8,000	200
205	15.9	221.9	8,300 *	27.3	258.0	7,500	205
210	8.6	197.1	6,800 *	23.9	247.2	7,100	210
220				14.9	217.3	6,300	220

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	13,700 *	150
155	47.7	323.9	12,500 *	52.8	334.8	12,900 *	155
160	45.8	319.1	12,200 *	51.0	330.8	12,200 *	160
165	43.9	313.9	11,900 *	49.2	326.5	11,500 *	165
170	41.9	308.4	11,600 *	47.4	321.9	10,800 *	170
175	39.7	302.4	11,200 *	45.5	317.0	10,200 *	175
180	37.5	296.0	10,800 *	43.5	311.8	9,700 *	180
185	35.2	289.0	10,400 *	41.5	306.1	9,100 *	185
190	32.7	281.3	9,800 *	39.4	300.1	8,600 *	190
195	30.0	272.8	9,200 *	37.1	293.6	8,100 *	195
200	27.1	263.3	8,700 *	34.8	286.5	7,600 *	200
205	23.9	252.5	8,200 *	32.3	278.7	7,200 *	205
210	20.1	239.6	7,600 *	29.5	270.0	6,800 *	210
220	8.4	197.7	5,700 *	23.3	249.2	6,000 *	220
230				14.5	218.5	5,200 *	230



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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 *	165
170	34.6	275.5	10,600 *	41.6	292.9	11,600 *	170
175	31.8	267.5	10,400 *	39.2	286.8	11,300 *	175
180	28.7	258.6	10,100 *	36.7	280.2	10,700 *	180
185	25.3	248.3	9,900 *	34.1	272.9	10,200 *	185
190	21.3	236.1	9,700 *	31.2	264.8	9,700 *	190
195	16.4	220.6	9,500 *	28.1	255.7	9,200 *	195
200	9.0	196.4	8,400 *	24.6	245.1	8,700 *	200
205				20.5	232.5	8,200 *	205
210				15.4	216.1	7,800 *	210

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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 *	170
175	36.2	285.8	10,200 *	42.7	302.4	11,100 *	175
180	33.7	278.4	10,000 *	40.5	296.6	10,500 *	180
185	30.9	270.2	9,700 *	38.2	290.3	10,000 *	185
190	27.9	261.0	9,500 *	35.8	283.4	9,500 *	190
195	24.6	250.4	9,300 *	33.2	275.8	9,000 *	195
200	20.7	237.9	9,200 *	30.4	267.5	8,500 *	200
205	16.0	221.9	8,800 *	27.4	258.0	8,100 *	205
210	8.7	197.1	7,300 *	23.9	247.2	7,600 *	210
220				15.0	217.3	6,800 *	220



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	10,700	175
180	37.6	296.0	9,800 *	43.6	311.8	10,100	180
185	35.3	289.0	9,600 *	41.6	306.2	9,600	185
190	32.8	281.3	9,400 *	39.5	300.1	9,100	190
195	30.1	272.9	9,200 *	37.2	293.6	8,600	195
200	27.2	263.4	9,000 *	34.9	286.5	8,100	200
205	24.0	252.5	8,700 *	32.3	278.7	7,700	205
210	20.2	239.6	8,100 *	29.6	270.1	7,200	210
220	8.5	197.8	6,200 *	23.3	249.2	6,400	220
230				14.6	218.5	5,700	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	10,400	175
180	40.9	312.1	9,600 *	46.3	326.1	9,800	180
185	38.9	305.9	9,400 *	44.5	321.0	9,200	185
190	36.7	299.2	9,200 *	42.6	315.6	8,700	190
195	34.4	292.0	9,000 *	40.6	309.8	8,200	195
200	32.0	284.1	8,900 *	38.5	303.6	7,800	200
205	29.4	275.4	8,400 *	36.3	296.8	7,300	205
210	26.6	265.7	7,900 *	34.0	289.5	6,900	210
220	19.7	241.3	7,000 *	28.9	272.6	6,100	220
230	8.3	198.4	5,200 *	22.8	251.1	5,400	230
240				14.2	219.7	4,700	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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 *	170
175	36.0	285.9	9,200 *	42.5	302.5	10,100 *	175
180	33.5	278.5	9,000 *	40.3	296.6	9,800 *	180
185	30.7	270.3	8,800 *	38.0	290.3	9,500 *	185
190	27.7	261.1	8,600 *	35.6	283.5	9,300 *	190
195	24.4	250.5	8,400 *	33.0	275.9	9,100 *	195
200	20.6	238.0	8,200 *	30.2	267.6	8,800 *	200
205	15.8	222.1	8,000 *	27.2	258.1	8,400 *	205
210	8.6	197.4	7,600 *	23.8	247.3	7,900 *	210
220				14.8	217.5	7,100 *	220

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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 *	175
180	37.4	296.0	8,800 *	43.4	311.8	9,700 *	180
185	35.1	289.1	8,600 *	41.4	306.2	9,400 *	185
190	32.6	281.4	8,400 *	39.3	300.2	9,100 *	190
195	30.0	272.9	8,200 *	37.0	293.7	8,900 *	195
200	27.0	263.5	8,100 *	34.7	286.6	8,600 *	200
205	23.8	252.6	7,900 *	32.2	278.8	8,200 *	205
210	20.0	239.7	7,700 *	29.5	270.2	7,800 *	210
220	8.4	198.1	6,700 *	23.2	249.3	7,000 *	220
230				14.4	218.7	6,200 *	230



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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 *	185
190	36.5	299.3	8,300 *	42.4	315.7	9,000 *	190
195	34.3	292.1	8,100 *	40.4	309.9	8,700 *	195
200	31.8	284.2	7,900 *	38.3	303.6	8,200 *	200
205	29.2	275.5	7,800 *	36.2	296.9	7,800 *	205
210	26.4	265.8	7,600 *	33.9	289.6	7,300 *	210
220	19.6	241.4	7,300 *	28.8	272.7	6,600 *	220
230	8.2	198.8	5,600 *	22.6	251.3	5,800 *	230
240				14.1	219.9	5,200 *	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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 *	190
195	37.8	309.4	8,000 *	43.3	325.1	8,300 *	195
200	35.7	302.5	7,800 *	41.4	319.4	7,900 *	200
205	33.5	295.1	7,600 *	39.5	313.4	7,400 *	205
210	31.1	287.0	7,500 *	37.4	307.0	7,000 *	210
220	25.8	268.0	7,200 *	33.1	292.5	6,200 *	220
230	19.1	243.0	6,300 *	28.1	275.2	5,500 *	230
240	8.0	199.4	4,700 *	22.1	253.2	4,900 *	240
250				13.8	221.0	4,200 *	250



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	23,200	110
115	53.2	315.8	19,800 *	59.3	324.7	21,700	115
120	51.1	311.8	19,200 *	57.3	321.6	20,400	120
125	48.9	307.5	18,600 *	55.3	318.2	19,100	125
130	46.6	302.9	17,900 *	53.2	314.5	18,000	130
135	44.2	297.9	17,200 *	51.1	310.5	16,900	135
140	41.7	292.4	16,500 *	48.9	306.2	15,900	140
145	39.1	286.4	15,800 *	46.6	301.6	15,000	145
150	36.3	279.8	15,100 *	44.2	296.6	14,200	150
155	33.4	272.5	14,400 *	41.7	291.1	13,400	155
160	30.1	264.2	13,700 *	39.1	285.1	12,700	160
165	26.5	254.7	13,100 *	36.3	278.5	12,000	165
170	22.4	243.4	12,600 *	33.3	271.2	11,300	170
175	17.3	229.1	12,000 *	30.1	262.9	10,700	175
180	9.9	207.5	10,200 *	26.5	253.4	10,100	180
185				22.4	242.1	9,600	185
190				17.3	227.8	9,000	190
195				9.8	206.2	8,500	195

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	21,500 *	115
120	53.6	324.5	18,500 *	59.3	333.4	20,200 *	120
125	51.6	320.6	17,900 *	57.5	330.2	18,900 *	125
130	49.5	316.4	17,200 *	55.6	326.9	17,800 *	130
135	47.4	311.9	16,600 *	53.6	323.2	16,700 *	135
140	45.2	307.1	16,000 *	51.6	319.3	15,800 *	140
145	42.9	301.8	15,300 *	49.5	315.2	14,800 *	145
150	40.5	296.1	14,700 *	47.4	310.6	14,000 *	150
155	38.0	289.8	14,200 *	45.2	305.8	13,200 *	155
160	35.3	283.0	13,600 *	42.9	300.5	12,500 *	160
165	32.4	275.4	13,000 *	40.5	294.8	11,800 *	165
170	29.2	266.8	12,500 *	37.9	288.5	11,200 *	170
175	25.8	257.0	11,900 *	35.3	281.7	10,500 *	175
180	21.7	245.3	11,300 *	32.4	274.1	10,000 *	180
185	16.8	230.6	10,600 *	29.2	265.5	9,400 *	185
190	9.6	208.3	8,900 *	25.7	255.7	8,900 *	190
195				21.7	244.0	8,400 *	195
200				16.8	229.3	7,900 *	200
205				9.5	207.0	7,400 *	205



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	18,500	125
130	52.1	329.4	16,300 *	57.6	338.9	17,300	130
135	50.1	325.3	15,800 *	55.8	335.6	16,300	135
140	48.1	320.9	15,300 *	54.0	332.0	15,300	140
145	46.1	316.2	14,700 *	52.1	328.2	14,400	145
150	43.9	311.1	14,200 *	50.1	324.0	13,600	150
155	41.7	305.6	13,700 *	48.1	319.6	12,800	155
160	39.4	299.7	13,200 *	46.1	314.9	12,100	160
165	36.9	293.2	12,700 *	43.9	309.8	11,400	165
170	34.3	286.0	12,300 *	41.7	304.3	10,700	170
175	31.5	278.2	11,700 *	39.4	298.4	10,100	175
180	28.4	269.3	11,000 *	36.9	291.9	9,600	180
185	25.0	259.2	10,400 *	34.3	284.8	9,000	185
190	21.1	247.1	9,700 *	31.5	276.9	8,500	190
195	16.3	232.0	9,100 *	28.4	268.0	8,000	195
200	9.3	209.1	7,600 *	25.0	257.9	7,500	200
205				21.1	245.8	7,100	205
210				16.3	230.7	6,600	210

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	15,900	135
140	50.6	334.2	14,500 *	56.0	344.3	15,000	140
145	48.8	329.9	14,000 *	54.3	340.7	14,100	145
150	46.8	325.3	13,600 *	52.5	336.9	13,200	150
155	44.8	320.3	13,100 *	50.6	332.9	12,400	155
160	42.7	315.0	12,700 *	48.8	328.6	11,700	160
165	40.6	309.3	12,300 *	46.8	324.0	11,000	165
170	38.3	303.1	11,900 *	44.8	319.0	10,400	170
175	35.9	296.4	11,500 *	42.7	313.7	9,800	175
180	33.4	289.0	10,800 *	40.6	308.0	9,200	180
185	30.7	280.9	10,200 *	38.3	301.8	8,700	185
190	27.7	271.8	9,600 *	35.9	295.1	8,200	190
195	24.4	261.3	9,000 *	33.4	287.8	7,700	195
200	20.6	248.9	8,400 *	30.7	279.6	7,200	200
205	15.9	233.3	7,800 *	27.7	270.5	6,800	205
210	9.1	209.8	6,400 *	24.4	260.0	6,300	210
220				15.9	232.0	5,500	220



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	15,200 *	145
150	40.9	296.0	13,600 *	47.8	310.6	14,400 *	150
155	38.4	289.7	13,200 *	45.6	305.7	13,600 *	155
160	35.7	282.9	12,900 *	43.3	300.4	12,900 *	160
165	32.8	275.3	12,600 *	40.9	294.7	12,200 *	165
170	29.6	266.7	12,000 *	38.3	288.5	11,500 *	170
175	26.1	256.8	11,500 *	35.7	281.6	10,900 *	175
180	22.1	245.2	11,000 *	32.8	274.0	10,300 *	180
185	17.2	230.4	10,600 *	29.6	265.4	9,800 *	185
190	9.9	208.0	9,300 *	26.1	255.6	9,300 *	190
195				22.1	243.9	8,800 *	195
200				17.2	229.1	8,300 *	200
205				9.9	206.6	7,800 *	205

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	15,000	145
150	44.3	311.0	13,400 *	50.5	324.0	14,200	150
155	42.1	305.5	13,000 *	48.5	319.6	13,400	155
160	39.7	299.6	12,700 *	46.4	314.8	12,700	160
165	37.3	293.1	12,400 *	44.3	309.7	12,000	165
170	34.7	286.0	11,900 *	42.1	304.2	11,300	170
175	31.9	278.1	11,400 *	39.7	298.3	10,700	175
180	28.8	269.2	10,900 *	37.3	291.8	10,200	180
185	25.4	259.0	10,500 *	34.7	284.7	9,600	185
190	21.5	247.0	10,100 *	31.9	276.8	9,100	190
195	16.7	231.8	9,700 *	28.8	267.9	8,600	195
200	9.6	208.8	8,200 *	25.4	257.8	8,100	200
205				21.5	245.7	7,700	205
210				16.7	230.5	7,200	210



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	14,600 *	145
150	47.2	325.2	13,200 *	52.8	336.9	13,800 *	150
155	45.2	320.3	12,800 *	51.0	332.8	13,000 *	155
160	43.1	314.9	12,500 *	49.1	328.5	12,300 *	160
165	40.9	309.2	12,000 *	47.2	323.9	11,600 *	165
170	38.7	303.0	11,600 *	45.2	319.0	10,900 *	170
175	36.3	296.3	11,200 *	43.1	313.7	10,300 *	175
180	33.7	288.9	10,800 *	40.9	307.9	9,700 *	180
185	31.0	280.8	10,400 *	38.7	301.8	9,200 *	185
190	28.0	271.7	10,000 *	36.3	295.0	8,700 *	190
195	24.7	261.2	9,500 *	33.7	287.7	8,200 *	195
200	20.9	248.8	8,900 *	31.0	279.5	7,700 *	200
205	16.2	233.2	8,300 *	28.0	270.4	7,300 *	205
210	9.3	209.5	7,000 *	24.7	259.9	6,900 *	210
220				16.2	231.8	6,100 *	220

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	14,300	145
150	49.7	338.7	12,700 *	54.9	349.4	13,400	150
155	47.9	334.2	12,300 *	53.2	345.7	12,600	155
160	46.0	329.4	12,000 *	51.5	341.7	11,900	160
165	44.0	324.3	11,600 *	49.7	337.5	11,200	165
170	42.0	318.8	11,200 *	47.9	332.9	10,600	170
175	39.9	312.8	10,800 *	46.0	328.1	10,000	175
180	37.7	306.4	10,500 *	44.0	323.0	9,400	180
185	35.4	299.5	10,200 *	42.0	317.5	8,900	185
190	32.9	291.9	9,800 *	39.9	311.5	8,400	190
195	30.2	283.5	9,300 *	37.7	305.1	7,900	195
200	27.3	274.0	8,700 *	35.4	298.2	7,400	200
205	24.1	263.3	8,200 *	32.9	290.6	7,000	205
210	20.4	250.5	7,700 *	30.2	282.2	6,500	210
220	9.1	210.2	5,900 *	24.1	262.0	5,800	220
230				15.8	233.2	5,000	230



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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 *	170
175	32.0	278.1	10,400 *	39.8	298.3	11,100 *	175
180	28.9	269.2	10,200 *	37.4	291.8	10,500 *	180
185	25.5	259.1	9,900 *	34.8	284.7	10,000 *	185
190	21.6	247.0	9,700 *	32.0	276.8	9,400 *	190
195	16.8	231.8	9,300 *	28.9	267.9	8,900 *	195
200	9.7	208.8	8,500 *	25.5	257.8	8,500 *	200
205				21.6	245.7	8,000 *	205
210				16.8	230.5	7,600 *	210

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	10,900 *	175
180	33.8	289.0	10,000 *	41.0	308.0	10,300 *	180
185	31.1	280.8	9,800 *	38.8	301.8	9,800 *	185
190	28.1	271.7	9,600 *	36.4	295.0	9,200 *	190
195	24.8	261.2	9,200 *	33.8	287.7	8,800 *	195
200	21.0	248.8	8,900 *	31.1	279.5	8,300 *	200
205	16.3	233.2	8,600 *	28.1	270.4	7,800 *	205
210	9.4	209.5	7,500 *	24.8	259.9	7,400 *	210
220				16.3	231.9	6,600 *	220



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	11,100	170
175	40.0	312.8	10,100 *	46.1	328.1	10,500	175
180	37.8	306.4	9,900 *	44.1	323.0	9,900	180
185	35.5	299.5	9,600 *	42.1	317.5	9,300	185
190	33.0	291.9	9,400 *	40.0	311.6	8,800	190
195	30.3	283.5	9,200 *	37.8	305.1	8,300	195
200	27.4	274.1	8,800 *	35.4	298.2	7,900	200
205	24.2	263.3	8,500 *	33.0	290.6	7,400	205
210	20.5	250.6	8,200 *	30.3	282.2	7,000	210
220	9.2	210.3	6,300 *	24.2	262.0	6,200	220
230				15.9	233.2	5,500	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	11,300 *	165
170	44.9	333.5	10,100 *	50.3	346.4	10,700 *	170
175	43.0	328.2	9,900 *	48.5	341.9	10,100 *	175
180	41.1	322.5	9,700 *	46.8	337.2	9,500 *	180
185	39.0	316.3	9,400 *	44.9	332.2	9,000 *	185
190	36.9	309.7	9,200 *	43.0	326.9	8,500 *	190
195	34.6	302.5	9,000 *	41.1	321.2	8,000 *	195
200	32.2	294.7	8,700 *	39.0	315.1	7,500 *	200
205	29.6	286.1	8,400 *	36.9	308.4	7,100 *	205
210	26.8	276.4	8,000 *	34.6	301.3	6,700 *	210
220	20.0	252.3	7,000 *	29.6	284.8	5,900 *	220
230	9.0	211.0	5,300 *	23.6	264.0	5,200 *	230
240				15.5	234.5	4,500 *	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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 *	175
180	33.7	289.0	9,000 *	40.8	308.0	9,900 *	180
185	30.9	280.9	8,800 *	38.6	301.8	9,600 *	185
190	28.0	271.8	8,600 *	36.2	295.1	9,400 *	190
195	24.7	261.3	8,400 *	33.6	287.8	9,100 *	195
200	20.9	248.9	8,200 *	30.9	279.6	8,600	200
205	16.2	233.3	8,000 *	28.0	270.5	8,200	205
210	9.3	209.8	7,800 *	24.6	260.0	7,700	210
220				16.2	232.0	6,900	220

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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 *	180
185	35.3	299.6	8,700 *	41.9	317.5	9,500 *	185
190	32.8	292.0	8,400 *	39.8	311.6	9,200 *	190
195	30.2	283.6	8,300 *	37.6	305.2	8,900	195
200	27.3	274.2	8,100 *	35.3	298.3	8,400	200
205	24.0	263.4	7,900 *	32.8	290.7	8,000	205
210	20.3	250.7	7,700 *	30.1	282.3	7,500	210
220	9.1	210.6	6,800 *	24.0	262.1	6,800	220
230				15.8	233.4	6,000	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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 *	185
190	36.7	309.8	8,300 *	42.9	327.0	8,900 *	190
195	34.4	302.6	8,100 *	40.9	321.3	8,400 *	195
200	32.0	294.8	8,000 *	38.8	315.1	8,000 *	200
205	29.4	286.1	7,800 *	36.7	308.5	7,500 *	205
210	26.6	276.5	7,600 *	34.4	301.3	7,100 *	210
220	19.8	252.4	7,300 *	29.4	284.9	6,400 *	220
230	8.9	211.3	5,700 *	23.5	264.1	5,600 *	230
240				15.4	234.7	5,000 *	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	8,600 *	190
195	38.0	319.8	8,000 *	43.7	336.3	8,100 *	195
200	35.9	313.0	7,800 *	41.9	330.8	7,600 *	200
205	33.6	305.6	7,600 *	39.9	324.9	7,200 *	205
210	31.3	297.6	7,500 *	37.9	318.5	6,800 *	210
220	26.0	278.8	7,200 *	33.6	304.3	6,000 *	220
230	19.4	254.1	6,400 *	28.8	287.4	5,300 *	230
240	8.6	212.0	4,800 *	22.9	266.1	4,700 *	240
250				15.0	235.9	4,000 *	250



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	22,800	110
115	53.4	326.0	19,300 *	59.8	335.4	21,400	115
120	51.2	322.1	18,600 *	57.8	332.3	20,000	120
125	49.0	317.8	17,800 *	55.8	328.9	18,800	125
130	46.7	313.2	17,100 *	53.7	325.3	17,700	130
135	44.4	308.2	16,400 *	51.6	321.4	16,600	135
140	41.9	302.8	15,700 *	49.4	317.2	15,700	140
145	39.3	296.8	15,000 *	47.1	312.7	14,800	145
150	36.5	290.3	14,400 *	44.8	307.8	13,900	150
155	33.6	283.0	13,800 *	42.3	302.4	13,100	155
160	30.4	274.8	13,200 *	39.8	296.5	12,400	160
165	26.8	265.4	12,500 *	37.0	290.1	11,700	165
170	22.7	254.3	12,000 *	34.1	283.0	11,100	170
175	17.7	240.3	11,500 *	30.9	274.9	10,500	175
180	10.6	219.5	10,300 *	27.4	265.8	9,900	180
185				23.4	255.0	9,400	185
190				18.7	241.6	8,800	190
195				12.1	222.7	8,300	195

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	21,200 *	115
120	53.7	334.8	17,700 *	59.8	344.0	19,800 *	120
125	51.7	330.9	17,100 *	57.9	341.0	18,600 *	125
130	49.7	326.7	16,400 *	56.0	337.6	17,500 *	130
135	47.6	322.2	15,800 *	54.1	334.1	16,400 *	135
140	45.3	317.4	15,200 *	52.1	330.2	15,500 *	140
145	43.1	312.2	14,600 *	50.0	326.1	14,600 *	145
150	40.7	306.5	14,100 *	47.9	321.7	13,700 *	150
155	38.1	300.3	13,500 *	45.7	316.9	13,000 *	155
160	35.5	293.5	13,000 *	43.5	311.8	12,200 *	160
165	32.6	285.9	12,400 *	41.1	306.2	11,600 *	165
170	29.5	277.4	11,900 *	38.6	300.0	10,900 *	170
175	26.0	267.7	11,400 *	35.9	293.3	10,300 *	175
180	22.0	256.2	11,000 *	33.1	285.9	9,700 *	180
185	17.2	241.7	10,600 *	30.0	277.6	9,200 *	185
190	10.3	220.4	9,000 *	26.6	268.1	8,700 *	190
195				22.8	257.0	8,200 *	195
200				18.1	243.2	7,700 *	200
205				11.7	223.7	7,300 *	205



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	18,100	125
130	52.2	339.7	15,600 *	58.0	349.6	17,000	130
135	50.3	335.6	15,100 *	56.2	346.3	16,000	135
140	48.3	331.2	14,600 *	54.4	342.8	15,000	140
145	46.2	326.5	14,100 *	52.5	339.0	14,100	145
150	44.1	321.5	13,600 *	50.6	335.0	13,300	150
155	41.8	316.0	13,100 *	48.6	330.7	12,500	155
160	39.5	310.1	12,600 *	46.6	326.0	11,800	160
165	37.1	303.6	12,100 *	44.4	321.0	11,100	165
170	34.5	296.6	11,700 *	42.2	315.6	10,500	170
175	31.7	288.7	11,300 *	39.9	309.8	9,900	175
180	28.7	280.0	10,800 *	37.5	303.4	9,300	180
185	25.3	269.9	10,400 *	34.9	296.5	8,800	185
190	21.4	258.1	9,800 *	32.2	288.8	8,300	190
195	16.7	243.2	9,200 *	29.2	280.2	7,800	195
200	10.0	221.2	7,700 *	25.9	270.4	7,300	200
205				22.1	258.9	6,900	205
210				17.6	244.7	6,500	210

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	15,600	135
140	50.8	344.5	13,800 *	56.4	355.0	14,700	140
145	48.9	340.2	13,400 *	54.7	351.5	13,800	145
150	47.0	335.6	13,000 *	52.9	347.8	12,900	150
155	45.0	330.7	12,500 *	51.1	343.8	12,200	155
160	42.9	325.4	12,100 *	49.2	339.6	11,500	160
165	40.7	319.7	11,700 *	47.3	335.1	10,800	165
170	38.5	313.6	11,300 *	45.3	330.2	10,100	170
175	36.1	306.9	11,000 *	43.3	325.0	9,500	175
180	33.6	299.6	10,600 *	41.1	319.4	9,000	180
185	30.9	291.5	10,200 *	38.9	313.3	8,400	185
190	27.9	282.4	9,600 *	36.5	306.7	7,900	190
195	24.6	272.1	9,000 *	34.0	299.5	7,500	195
200	20.9	259.9	8,400 *	31.3	291.6	7,000	200
205	16.3	244.6	7,900 *	28.4	282.7	6,600	205
210	9.7	222.1	6,500 *	25.2	272.6	6,200	210
220				17.2	246.2	5,400	220



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	15,900	140
145	43.5	312.1	14,000 *	50.4	326.1	15,000	145
150	41.1	306.4	13,600 *	48.3	321.6	14,100	150
155	38.5	300.2	13,100 *	46.1	316.9	13,300	155
160	35.9	293.4	12,500 *	43.9	311.7	12,600	160
165	33.0	285.8	12,000 *	41.5	306.1	11,900	165
170	29.9	277.3	11,400 *	39.0	300.0	11,300	170
175	26.4	267.6	10,900 *	36.3	293.3	10,700	175
180	22.4	256.1	10,500 *	33.5	285.8	10,100	180
185	17.6	241.6	10,100 *	30.4	277.5	9,600	185
190	10.6	220.1	9,400 *	27.0	268.0	9,100	190
195				23.1	256.9	8,600	195
200				18.5	243.0	8,100	200
205				12.1	223.5	7,600	205

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	15,600	140
145	46.6	326.5	13,800 *	52.9	339.0	14,800	145
150	44.5	321.4	13,300 *	51.0	334.9	13,900	150
155	42.2	315.9	12,800 *	49.0	330.6	13,100	155
160	39.9	310.0	12,300 *	46.9	326.0	12,400	160
165	37.5	303.5	11,800 *	44.8	320.9	11,700	165
170	34.9	296.5	11,400 *	42.6	315.6	11,100	170
175	32.1	288.6	10,900 *	40.3	309.7	10,500	175
180	29.0	279.9	10,400 *	37.9	303.4	9,900	180
185	25.7	269.8	10,000 *	35.3	296.4	9,400	185
190	21.8	257.9	9,700 *	32.6	288.7	8,900	190
195	17.1	243.0	9,300 *	29.6	280.1	8,400	195
200	10.3	220.9	8,300 *	26.3	270.3	7,900	200
205				22.5	258.8	7,500	205
210				18.0	244.5	7,100	210



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	15,200	140
145	49.3	340.1	13,200 *	55.1	351.5	14,300	145
150	47.3	335.5	12,800 *	53.3	347.8	13,500	150
155	45.3	330.6	12,400 *	51.5	343.8	12,700	155
160	43.3	325.3	11,900 *	49.6	339.5	12,000	160
165	41.1	319.6	11,500 *	47.7	335.0	11,300	165
170	38.8	313.5	11,100 *	45.7	330.1	10,700	170
175	36.5	306.8	10,700 *	43.6	324.9	10,100	175
180	33.9	299.5	10,300 *	41.5	319.3	9,500	180
185	31.2	291.4	9,900 *	39.2	313.2	9,000	185
190	28.3	282.3	9,600 *	36.9	306.7	8,500	190
195	25.0	272.0	9,100 *	34.4	299.4	8,000	195
200	21.2	259.7	8,900 *	31.7	291.5	7,500	200
205	16.6	244.4	8,400 *	28.8	282.6	7,100	205
210	10.0	221.7	7,100 *	25.6	272.5	6,700	210
220				17.5	246.0	5,900	220

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	14,000	145
150	49.8	349.0	12,200 *	55.3	360.2	13,100	150
155	48.0	344.5	11,800 *	53.6	356.5	12,400	155
160	46.1	339.8	11,400 *	51.9	352.6	11,600	160
165	44.2	334.6	11,100 *	50.1	348.4	11,000	165
170	42.2	329.1	10,700 *	48.3	344.0	10,300	170
175	40.0	323.2	10,400 *	46.4	339.3	9,700	175
180	37.8	316.9	10,000 *	44.5	334.2	9,200	180
185	35.5	310.0	9,700 *	42.5	328.8	8,600	185
190	33.1	302.4	9,400 *	40.4	323.0	8,100	190
195	30.4	294.1	9,100 *	38.2	316.7	7,700	195
200	27.5	284.7	8,800 *	35.9	309.9	7,200	200
205	24.4	274.1	8,300 *	33.5	302.4	6,800	205
210	20.7	261.5	7,700 *	30.9	294.2	6,400	210
220	9.7	222.5	5,900 *	24.9	274.7	5,600	220
230				17.0	247.5	4,800	230



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	12,100	165
170	34.9	296.5	10,700 *	42.7	315.6	11,400	170
175	32.2	288.7	10,400 *	40.4	309.7	10,800	175
180	29.1	279.9	10,000 *	38.0	303.4	10,300	180
185	25.8	269.8	9,600 *	35.4	296.4	9,700	185
190	21.9	257.9	9,200 *	32.7	288.7	9,200	190
195	17.2	243.0	8,900 *	29.7	280.1	8,700	195
200	10.4	221.0	8,600 *	26.4	270.3	8,300	200
205				22.6	258.8	7,800	205
210				18.1	244.6	7,400	210

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	11,900	165
170	38.9	313.5	10,500 *	45.8	330.1	11,200	170
175	36.5	306.8	10,300 *	43.7	324.9	10,600	175
180	34.0	299.5	10,000 *	41.6	319.3	10,100	180
185	31.3	291.4	9,600 *	39.3	313.3	9,500	185
190	28.4	282.3	9,200 *	37.0	306.7	9,000	190
195	25.1	272.0	8,800 *	34.5	299.5	8,500	195
200	21.3	259.8	8,500 *	31.8	291.5	8,100	200
205	16.7	244.4	8,200 *	28.9	282.6	7,700	205
210	10.1	221.8	7,600 *	25.7	272.5	7,200	210
220				17.6	246.0	6,400	220



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	11,400	165
170	42.2	329.2	10,400 *	48.4	344.0	10,800	170
175	40.1	323.3	10,100 *	46.5	339.3	10,200	175
180	37.9	316.9	9,800 *	44.6	334.2	9,600	180
185	35.6	310.0	9,400 *	42.6	328.8	9,100	185
190	33.2	302.4	9,100 *	40.5	323.0	8,600	190
195	30.5	294.1	8,800 *	38.3	316.7	8,100	195
200	27.6	284.7	8,500 *	36.0	309.9	7,700	200
205	24.4	274.1	8,100 *	33.6	302.4	7,200	205
210	20.8	261.5	7,900 *	31.0	294.2	6,800	210
220	9.8	222.6	6,400 *	25.0	274.7	6,100	220
230				17.1	247.5	5,300	230

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	11,100 *	165
170	45.1	343.9	10,100 *	50.7	357.3	10,500 *	170
175	43.2	338.6	9,800 *	49.0	353.0	9,900 *	175
180	41.2	332.9	9,500 *	47.2	348.3	9,300 *	180
185	39.2	326.8	9,200 *	45.4	343.4	8,800 *	185
190	37.0	320.2	8,900 *	43.5	338.2	8,300 *	190
195	34.8	313.1	8,600 *	41.6	332.5	7,800 *	195
200	32.4	305.3	8,300 *	39.5	326.5	7,300 *	200
205	29.8	296.7	8,100 *	37.4	320.0	6,900 *	205
210	27.0	287.1	7,800 *	35.2	313.0	6,500 *	210
220	20.3	263.3	7,100 *	30.2	296.9	5,700 *	220
230	9.6	223.3	5,400 *	24.4	276.8	5,000 *	230
240				16.7	248.9	4,400 *	240



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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 *	180
185	31.1	291.5	8,800 *	39.1	313.3	9,700 *	185
190	28.2	282.4	8,600 *	36.8	306.7	9,300 *	190
195	24.9	272.1	8,400 *	34.3	299.5	8,800 *	195
200	21.1	259.9	8,100 *	31.6	291.6	8,400 *	200
205	16.6	244.6	7,800 *	28.7	282.7	8,000 *	205
210	10.0	222.1	7,600 *	25.5	272.6	7,500 *	210
220				17.4	246.2	6,700 *	220

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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 *	185
190	33.0	302.5	8,500 *	40.3	323.0	9,100 *	190
195	30.3	294.2	8,300 *	38.1	316.8	8,600 *	195
200	27.5	284.8	8,100 *	35.9	309.9	8,200 *	200
205	24.3	274.2	7,800 *	33.4	302.5	7,800 *	205
210	20.6	261.7	7,600 *	30.8	294.3	7,300 *	210
220	9.7	222.8	6,900 *	24.9	274.8	6,600 *	220
230				17.0	247.6	5,900 *	230



Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code

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			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	
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	9,200 *	185
190	36.9	320.3	8,400 *	43.3	338.2	8,700 *	190
195	34.6	313.1	8,200 *	41.4	332.6	8,200 *	195
200	32.2	305.4	8,000 *	39.4	326.6	7,800 *	200
205	29.6	296.8	7,800 *	37.2	320.1	7,300 *	205
210	26.8	287.2	7,500 *	35.0	313.1	6,900 *	210
220	20.1	263.4	7,000 *	30.1	297.0	6,200 *	220
230	9.5	223.6	5,800 *	24.3	276.9	5,500 *	230
240				16.6	249.0	4,800 *	240

Liftcrane Fixed Jib Capacities

777 SERIES 2

New York City Code
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			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	
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	9,400 *	180
185	42.0	342.4	8,400 *	47.7	357.4	8,800 *	185
190	40.1	336.6	8,200 *	45.9	352.6	8,300 *	190
195	38.1	330.3	8,000 *	44.2	347.5	7,900 *	195
200	36.0	323.5	7,800 *	42.3	342.1	7,400 *	200
205	33.8	316.2	7,600 *	40.4	336.3	7,000 *	205
210	31.5	308.1	7,400 *	38.4	330.1	6,600 *	210
220	26.2	289.5	6,900 *	34.2	316.1	5,800 *	220
230	19.7	265.1	6,400 *	29.4	299.6	5,100 *	230
240	9.2	224.4	4,800 *	23.7	279.0	4,500 *	240