

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

LIFTING CAPACITIES: Chart supplements boom capacity chart **No. 8058-A**. Lifting capacities for various boom lengths, jib lengths and jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load for boom and jib length combinations thru 250 Ft. and New York City criteria of 1.4 factor applied to total machine moment for boom and jib length combinations 260 Ft. on up. Capacities based on structural competence are denoted by an asterisk (*).

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

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface. Refer to boom rigging **No. 178288**, jib assembly **No. 179331**, and Wire Rope Specification chart **No. 7940-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom within the boom angle range shown in capacity chart. Refer to maximum allowable travel specification chart **No. 7957-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

MACHINE EQUIPMENT: Machine equipped with 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, 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. when auxiliary drum is used).

Deduct

Deduct 1,050 Lbs. from Jib Capacities when
Boom Butt is Equipped with Auxiliary Drum

Maximum Boom and Jib Lengths Lifted Unassisted

Over Front of Blocked Crawlers		Over Rear of Blocked Crawlers		Over Side of Crawlers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134
(a) 270 Ft.	---	(a) 260 Ft.	---	230 Ft.	---
(a) 260 Ft.	---	250 Ft.	---	220 Ft.	---
250 Ft.	---	240 Ft.	---	210 Ft.	50 Ft.
240 Ft.	30 Ft.	230 Ft.	50 Ft.	200 Ft.	70 Ft.
230 Ft.	50 Ft.	220 Ft.	70 Ft.	190 Ft.	80 Ft.
220 Ft.	80 Ft.	210 Ft.	80 Ft.		
Load block, hook and weight ball on ground at start.					
(a) Upper boom point cannot be used on 260 Ft. and 270 Ft. booms. Auxiliary drum in boom butt and wire rope guide in 10 Ft. insert cannot be used on 270 Ft. boom.					



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44,000 Lb. Carbody Counterweight

360 Degree Rating

30 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
80 Ft. BOOM										
25	80.3	117.8	59,000 *							25
30	77.7	116.7	59,000 *	80.4	115.9	59,000*				30
35	75.0	115.3	59,000 *	77.7	114.6	59,000*	80.5	112.9	47,700*	35
40	72.4	113.7	59,000 *	75.0	113.0	57,700*	77.7	111.2	44,800*	40
45	69.6	111.9	59,000 *	72.3	111.1	56,500*	75.0	109.3	42,400*	45
50	66.9	109.7	58,200 *	69.5	109.0	55,400*	72.1	107.1	40,200*	50
55	64.0	107.3	56,800 *	66.6	106.5	54,500*	69.2	104.7	38,300*	55
60	61.1	104.6	55,600 *	63.7	103.7	53,600*	66.2	101.8	36,600*	60
65	58.1	101.5	54,500 *	60.7	100.6	52,600*	63.1	98.7	35,000*	65
70	55.0	98.0	51,200	57.5	97.1	49,800*	59.9	95.1	33,700*	70
75	51.8	94.1	46,600	54.2	93.2	47,100	56.6	91.0	32,500*	75
80	48.4	89.7	42,600	50.8	88.7	43,100	53.0	86.5	31,400*	80
85	44.8	84.8	39,200	47.2	83.7	39,500	49.3	81.3	30,500*	85
90	40.9	79.1	36,100	43.3	78.0	36,400	45.2	75.4	29,700*	90
100	32.1	64.9	31,000	34.2	63.5	31,200				100
90 Ft. BOOM										
30	78.7	126.9	59,000 *							30
35	76.3	125.7	59,000 *	78.8	124.9	59,000*				35
40	73.9	124.3	59,000 *	76.3	123.5	58,100*	78.8	121.7	45,800*	40
45	71.4	122.6	59,000 *	73.8	121.8	56,900*	76.3	120.0	43,400*	45
50	68.9	120.6	59,000 *	71.3	119.8	55,900*	73.7	118.0	41,300*	50
55	66.3	118.4	57,600 *	68.7	117.6	54,900*	71.1	115.8	39,400*	55
60	63.7	116.0	56,400 *	66.1	115.2	54,000*	68.4	113.2	37,700*	60
65	61.0	113.2	55,300 *	63.4	112.4	53,200*	65.7	110.4	36,200*	65
70	58.3	110.2	51,000	60.6	109.3	51,600	62.8	107.3	34,800*	70
75	55.4	106.7	46,400	57.7	105.8	46,900	59.9	103.7	33,600*	75
80	52.5	102.9	42,400	54.8	102.0	42,900	56.9	99.8	32,500*	80
85	49.4	98.7	38,900	51.7	97.7	39,400	53.7	95.4	31,500*	85
90	46.2	94.0	35,900	48.4	92.9	36,300	50.3	90.5	30,700*	90
100	39.1	82.6	30,800	41.2	81.4	31,100	42.9	78.6	29,200*	100
110	30.6	67.6	26,600	32.6	66.1	26,800				110



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30 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. BOOM										
30	79.6	137.1	59,000 *							30
35	77.4	136.0	59,000 *	79.6	135.2	59,000*				35
40	75.1	134.7	59,000 *	77.4	133.9	58,400*	79.7	132.1	46,600*	40
45	72.8	133.1	59,000 *	75.1	132.3	57,300*	77.4	130.5	44,300*	45
50	70.5	131.4	59,000 *	72.8	130.6	56,300*	75.0	128.7	42,200*	50
55	68.2	129.4	58,300 *	70.4	128.6	55,300*	72.7	126.7	40,400*	55
60	65.8	127.1	57,100 *	68.0	126.3	54,500*	70.2	124.4	38,800*	60
65	63.4	124.7	56,000 *	65.6	123.8	53,700*	67.8	121.8	37,300*	65
70	60.9	121.9	50,700	63.1	121.0	51,300	65.2	119.0	35,900*	70
75	58.4	118.8	46,000	60.6	117.9	46,600	62.6	115.9	34,700*	75
80	55.8	115.5	42,100	57.9	114.5	42,600	59.9	112.4	33,600*	80
85	53.1	111.7	38,600	55.2	110.8	39,100	57.1	108.6	32,600*	85
90	50.3	107.6	35,500	52.4	106.6	36,000	54.2	104.3	31,700*	90
100	44.3	98.0	30,400	46.3	96.9	30,800	48.0	94.3	30,100*	100
110	37.5	86.0	26,300	39.4	84.7	26,600				110
120	29.4	70.2	22,900	31.1	68.5	23,100				120
110 Ft. BOOM										
30	80.3	147.3	59,000 *							30
35	78.3	146.3	59,000 *	80.4	145.5	59,000*				35
40	76.2	145.1	59,000 *	78.3	144.3	58,500*	80.5	142.4	47,300*	40
45	74.1	143.6	59,000 *	76.2	142.8	57,500*	78.3	141.0	45,100*	45
50	72.0	142.0	59,000 *	74.1	141.2	56,500*	76.2	139.3	43,100*	50
55	69.8	140.2	58,800 *	71.9	139.3	55,600*	74.0	137.5	41,300*	55
60	67.6	138.1	57,700 *	69.7	137.3	54,800*	71.8	135.4	39,700*	60
65	65.4	135.8	55,900	67.5	135.0	54,000*	69.5	133.0	38,200*	65
70	63.2	133.3	50,400	65.2	132.4	51,100	67.2	130.4	36,900*	70
75	60.9	130.5	45,800	62.9	129.7	46,400	64.8	127.6	35,700*	75
80	58.5	127.5	41,800	60.5	126.6	42,400	62.4	124.5	34,600*	80
85	56.1	124.2	38,300	58.1	123.2	38,900	59.9	121.1	33,500*	85
90	53.6	120.5	35,300	55.6	119.5	35,800	57.4	117.3	32,600*	90
100	48.3	112.1	30,200	50.2	111.0	30,600	51.9	108.6	30,900	100
110	42.6	101.9	26,100	44.4	100.7	26,400	45.9	98.0	26,700	110
120	36.1	89.2	22,700	37.8	87.8	22,900				120
130	28.3	72.6	19,800							130



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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. BOOM										
30	81.0	157.5	59,000 *							30
35	79.0	156.5	59,000 *	81.0	155.7	59,000*				35
40	77.1	155.4	59,000 *	79.1	154.6	58,600*				40
45	75.2	154.1	59,000 *	77.1	153.2	57,600*	79.1	151.4	45,900*	45
50	73.2	152.5	59,000 *	75.2	151.7	56,700*	77.1	149.8	43,900*	50
55	71.2	150.8	59,000 *	73.2	150.0	55,800*	75.1	148.1	42,200*	55
60	69.2	148.9	58,100 *	71.1	148.1	55,000*	73.1	146.2	40,600*	60
65	67.2	146.8	55,700	69.1	146.0	54,200*	71.0	144.0	39,100*	65
70	65.1	144.5	50,200	67.0	143.7	51,000	68.9	141.7	37,800*	70
75	63.0	142.0	45,600	64.9	141.1	46,300	66.7	139.1	36,600*	75
80	60.8	139.2	41,600	62.7	138.3	42,200	64.5	136.2	35,500*	80
85	58.6	136.2	38,100	60.5	135.2	38,700	62.2	133.1	34,400*	85
90	56.4	132.9	35,100	58.2	131.9	35,600	59.9	129.7	33,500*	90
100	51.6	125.3	30,000	53.5	124.3	30,400	55.1	122.0	30,800	100
110	46.6	116.4	25,900	48.4	115.3	26,200	49.9	112.7	26,500	110
120	41.1	105.6	22,500	42.8	104.4	22,800	44.1	101.5	23,000	120
130	34.8	92.3	19,700	36.4	90.9	19,900				130
140	27.3	75.0	17,200							140
130 Ft. BOOM										
35	79.7	166.7	59,000 *							35
40	77.9	165.7	59,000 *	79.8	164.8	58,600*				40
45	76.1	164.4	59,000 *	78.0	163.6	57,700*	79.8	161.7	46,500*	45
50	74.3	163.0	59,000 *	76.1	162.2	56,800*	78.0	160.3	44,700*	50
55	72.4	161.4	59,000 *	74.2	160.6	56,000*	76.1	158.7	42,900*	55
60	70.5	159.7	58,500 *	72.4	158.8	55,200*	74.2	156.9	41,400*	60
65	68.6	157.7	55,400	70.5	156.8	54,400*	72.3	154.9	40,000*	65
70	66.7	155.6	50,000	68.5	154.7	50,800	70.3	152.7	38,600*	70
75	64.8	153.2	45,300	66.6	152.3	46,000	68.3	150.3	37,400*	75
80	62.8	150.7	41,300	64.6	149.7	42,000	66.3	147.7	36,300*	80
85	60.8	147.9	37,900	62.5	146.9	38,500	64.2	144.8	35,300*	85
90	58.7	144.8	34,800	60.4	143.9	35,400	62.1	141.7	34,300*	90
100	54.4	138.0	29,700	56.1	137.0	30,200	57.7	134.7	30,600	100
110	49.9	130.0	25,600	51.6	128.9	26,000	53.1	126.5	26,300	110
120	45.0	120.5	22,200	46.7	119.3	22,600	48.0	116.7	22,800	120
130	39.7	109.2	19,400	41.3	107.9	19,700	42.5	104.9	19,900	130
140	33.6	95.3	17,000	35.1	93.8	17,200				140
150	26.4	77.3	14,900							150



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30 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. BOOM										
35	80.3	176.9	59,000 *							35
40	78.6	175.9	59,000 *	80.4	175.1	58,600*				40
45	76.9	174.7	59,000 *	78.7	173.9	57,700*	80.5	172.0	47,100*	45
50	75.2	173.4	59,000 *	76.9	172.6	56,800*	78.7	170.7	45,300*	50
55	73.5	171.9	59,000 *	75.2	171.1	56,000*	76.9	169.2	43,700*	55
60	71.7	170.3	58,700 *	73.4	169.4	55,300*	75.2	167.5	42,100*	60
65	69.9	168.5	55,100	71.7	167.6	54,500*	73.4	165.6	40,700*	65
70	68.2	166.5	49,600	69.9	165.6	50,500	71.5	163.6	39,400*	70
75	66.3	164.3	45,000	68.0	163.4	45,700	69.7	161.4	38,200*	75
80	64.5	161.9	41,000	66.2	161.0	41,700	67.8	158.9	37,100*	80
85	62.6	159.3	37,500	64.3	158.4	38,100	65.9	156.3	36,100*	85
90	60.7	156.5	34,500	62.4	155.6	35,000	64.0	153.5	35,200*	90
100	56.8	150.2	29,300	58.4	149.3	29,800	59.9	147.0	30,300	100
110	52.7	142.9	25,200	54.3	141.9	25,700	55.7	139.6	26,000	110
120	48.3	134.4	21,900	49.9	133.3	22,200	51.2	130.8	22,500	120
130	43.6	124.5	19,000	45.1	123.3	19,300	46.4	120.5	19,600	130
140	38.4	112.6	16,600	39.9	111.3	16,900				140
150	32.6	98.2	14,500	34.0	96.6	14,700				150
160	25.6	79.5	12,700							160
150 Ft. BOOM										
35	80.9	187.1	59,000 *							35
40	79.3	186.1	59,000 *	80.9	185.3	58,400*				40
45	77.7	185.0	59,000 *	79.3	184.2	57,600*	81.0	182.3	47,700*	45
50	76.0	183.8	59,000 *	77.7	182.9	56,800*	79.4	181.0	45,900*	50
55	74.4	182.4	59,000 *	76.0	181.5	56,000*	77.7	179.6	44,300*	55
60	72.8	180.8	58,900 *	74.4	180.0	55,300*	76.0	178.0	42,800*	60
65	71.1	179.1	54,800	72.7	178.3	54,600*	74.3	176.3	41,400*	65
70	69.4	177.3	49,300	71.0	176.4	50,200	72.6	174.4	40,200*	70
75	67.7	175.2	44,700	69.3	174.3	45,500	70.9	172.3	39,000*	75
80	66.0	173.0	40,700	67.6	172.1	41,400	69.1	170.0	37,900*	80
85	64.3	170.6	37,200	65.8	169.7	37,900	67.4	167.6	36,900*	85
90	62.5	168.0	34,100	64.1	167.0	34,800	65.6	164.9	35,400	90
100	58.8	162.2	29,000	60.4	161.2	29,600	61.9	159.0	30,100	100
110	55.1	155.5	24,900	56.6	154.4	25,400	58.0	152.1	25,800	110
120	51.1	147.7	21,600	52.6	146.7	21,900	53.9	144.2	22,300	120
130	46.9	138.8	18,700	48.3	137.6	19,100	49.6	135.0	19,300	130
140	42.3	128.3	16,300	43.7	127.1	16,600	44.9	124.2	16,800	140
150	37.3	116.0	14,200	38.7	114.6	14,500				150
160	31.6	101.0	12,400	32.9	99.3	12,600				160
170	24.8	81.7	10,800							170



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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. BOOM										
40	79.8	196.3	59,000 *							40
45	78.3	195.3	59,000 *	79.9	194.4	57,400*				45
50	76.8	194.1	59,000 *	78.3	193.3	56,700*	79.9	191.3	46,500*	50
55	75.2	192.8	59,000 *	76.8	191.9	55,900*	78.4	190.0	44,900*	55
60	73.7	191.3	59,000 *	75.2	190.5	55,200*	76.8	188.5	43,500*	60
65	72.1	189.7	54,600	73.7	188.8	54,200*	75.2	186.9	42,100*	65
70	70.5	187.9	49,100	72.1	187.1	50,000*	73.6	185.1	40,800*	70
75	68.9	186.0	44,400	70.5	185.1	45,300	72.0	183.1	39,700*	75
80	67.3	183.9	40,400	68.8	183.0	41,200	70.3	181.0	38,600*	80
85	65.7	181.7	36,900	67.2	180.8	37,600	68.7	178.7	37,600*	85
90	64.0	179.3	33,900	65.5	178.3	34,500	67.0	176.2	35,200	90
100	60.6	173.8	28,800	62.1	172.9	29,300	63.5	170.7	29,900	100
110	57.1	167.6	24,700	58.6	166.6	25,100	59.9	164.4	25,600	110
120	53.5	160.5	21,300	54.9	159.5	21,700	56.2	157.1	22,100	120
130	49.6	152.3	18,500	51.0	151.2	18,800	52.3	148.7	19,100	130
140	45.5	142.9	16,100	46.9	141.8	16,400	48.1	139.1	16,600	140
150	41.1	132.0	14,000	42.5	130.8	14,200	43.5	127.8	14,400	150
160	36.3	119.2	12,200	37.6	117.8	12,400				160
170	30.8	103.7	10,600	32.0	102.0	10,700				170
180	24.1	83.8	9,200							180

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

30 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. BOOM										
40	80.3	206.5	59,000 *							40
45	78.9	205.5	59,000 *	80.4	204.7	57,200*				45
50	77.4	204.4	59,000 *	78.9	203.5	56,400*	80.4	201.6	47,000*	50
55	76.0	203.1	59,000 *	77.5	202.3	55,700*	79.0	200.3	45,500*	55
60	74.5	201.8	58,800 *	76.0	200.9	55,100*	77.5	198.9	44,100*	60
65	73.0	200.2	54,300	74.5	199.4	53,500*	76.0	197.4	42,700*	65
70	71.5	198.6	48,800	73.0	197.7	49,400*	74.5	195.7	41,500*	70
75	70.0	196.8	44,100	71.5	195.9	45,000	72.9	193.8	40,300*	75
80	68.5	194.8	40,100	70.0	193.9	40,900	71.4	191.8	39,300*	80
85	67.0	192.7	36,600	68.4	191.8	37,400	69.8	189.7	37,600*	85
90	65.4	190.4	33,600	66.8	189.5	34,200	68.2	187.4	34,900	90
100	62.2	185.3	28,500	63.7	184.4	29,000	65.0	182.2	29,600	100
110	59.0	179.5	24,300	60.4	178.5	24,800	61.7	176.3	25,300	110
120	55.6	172.9	21,000	56.9	171.9	21,400	58.2	169.5	21,800	120
130	52.0	165.4	18,100	53.4	164.3	18,500	54.6	161.9	18,900	130
140	48.3	156.8	15,700	49.6	155.7	16,100	50.8	153.1	16,300	140
150	44.3	147.0	13,700	45.6	145.8	13,900	46.7	143.0	14,200	150
160	40.0	135.7	11,900	41.3	134.3	12,100	42.3	131.3	12,300	160
170	35.3	122.4	10,300	36.5	120.9	10,500				170
180	30.0	106.3	8,900	31.1	104.6	9,000				180
190	23.5	85.8	7,600							190



Liftcrane Jib Capacities

Meets
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777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

30 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. BOOM										
40	80.8	216.7	59,000 *							40
45	79.4	215.7	59,000 *	80.9	214.9	56,900*				45
50	78.0	214.7	59,000 *	79.5	213.8	56,200*	80.9	211.8	47,500*	50
55	76.7	213.5	59,000 *	78.1	212.6	55,500*	79.5	210.6	46,000*	55
60	75.3	212.2	58,700 *	76.7	211.3	54,900*	78.1	209.3	44,600*	60
65	73.9	210.7	53,900	75.3	209.8	52,900*	76.7	207.8	43,300*	65
70	72.4	209.1	48,400	73.8	208.2	48,700*	75.2	206.2	42,100*	70
75	71.0	207.4	43,800	72.4	206.5	44,700	73.8	204.5	40,900*	75
80	69.6	205.5	39,700	71.0	204.6	40,600	72.3	202.6	39,800*	80
85	68.1	203.5	36,300	69.5	202.6	37,000	70.8	200.6	37,000*	85
90	66.7	201.4	33,200	68.0	200.5	33,900	69.4	198.4	34,500*	90
100	63.7	196.6	28,100	65.0	195.7	28,700	66.3	193.5	29,300	100
110	60.6	191.2	24,000	61.9	190.2	24,500	63.2	188.0	25,000	110
120	57.4	185.0	20,600	58.7	184.0	21,000	60.0	181.7	21,500	120
130	54.1	178.0	17,700	55.4	176.9	18,100	56.6	174.6	18,500	130
140	50.7	170.1	15,300	52.0	169.0	15,700	53.1	166.5	16,000	140
150	47.1	161.1	13,300	48.3	160.0	13,600	49.4	157.3	13,800	150
160	43.2	150.9	11,500	44.4	149.7	11,700	45.4	146.8	11,900	160
170	39.0	139.2	9,900	40.2	137.8	10,100				170
180	34.4	125.4	8,500	35.6	123.9	8,600				180
190	29.2	108.9	7,200							190
200	22.9	87.8	6,000							200



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

30 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
190 Ft. BOOM										
45	79.9	225.9	59,000 *							45
50	78.6	224.9	59,000 *	80.0	224.0	55,800*				50
55	77.3	223.8	59,000 *	78.6	222.9	55,200*	80.0	220.9	46,500*	55
60	75.9	222.5	58,300 *	77.3	221.6	54,500*	78.7	219.6	45,100*	60
65	74.6	221.1	53,400	75.9	220.3	53,500*	77.3	218.3	43,800*	65
70	73.3	219.6	47,900	74.6	218.7	49,000	75.9	216.7	42,600*	70
75	71.9	218.0	43,300	73.2	217.1	44,200	74.6	215.1	41,500*	75
80	70.5	216.2	39,200	71.9	215.3	40,100	73.2	213.3	40,100*	80
85	69.2	214.3	35,700	70.5	213.4	36,600	71.8	211.4	37,000*	85
90	67.8	212.3	32,700	69.1	211.4	33,400	70.4	209.3	34,200	90
100	64.9	207.8	27,500	66.2	206.8	28,200	67.5	204.7	28,800	100
110	62.0	202.6	23,400	63.3	201.7	24,000	64.5	199.5	24,500	110
120	59.1	196.8	20,000	60.3	195.8	20,500	61.5	193.6	21,000	120
130	56.0	190.3	17,200	57.2	189.3	17,600	58.4	186.9	18,000	130
140	52.8	183.0	14,800	54.0	181.9	15,200	55.1	179.4	15,500	140
150	49.4	174.7	12,700	50.6	173.6	13,100	51.7	171.0	13,300	150
160	45.9	165.4	10,900	47.1	164.2	11,200	48.1	161.4	11,400	160
170	42.2	154.8	9,300	43.3	153.5	9,600	44.2	150.6	9,800	170
180	38.1	142.6	7,900	39.2	141.2	8,100				180
190	33.6	128.4	6,700	34.7	126.9	6,800				190
200	28.5	111.4	5,500							200
210	22.4	89.7	4,500							210



Liftcrane Jib Capacities

Meets
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Requirements

777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

30 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
200 Ft. BOOM										
45	80.4	236.1	59,000 *							45
50	79.1	235.1	59,000 *	80.4	234.2	55,500*				50
55	77.8	234.0	58,800 *	79.1	233.2	54,900*	80.4	231.2	47,000*	55
60	76.6	232.8	58,000 *	77.9	232.0	54,300*	79.2	230.0	45,600*	60
65	75.3	231.5	53,200	76.6	230.6	52,100*	77.9	228.6	44,400*	65
70	74.0	230.1	47,700	75.3	229.2	47,600*	76.6	227.2	43,200*	70
75	72.7	228.5	43,000	74.0	227.6	43,900*	75.3	225.6	42,000*	75
80	71.4	226.9	38,900	72.7	225.9	39,900	73.9	223.9	38,700*	80
85	70.1	225.0	35,400	71.4	224.1	36,300	72.6	222.1	36,100*	85
90	68.8	223.1	32,400	70.0	222.2	33,200	71.3	220.1	33,600*	90
100	66.1	218.8	27,200	67.3	217.9	27,900	68.5	215.7	28,600	100
110	63.3	214.0	23,100	64.6	213.0	23,700	65.8	210.8	24,300	110
120	60.5	208.5	19,700	61.8	207.5	20,200	62.9	205.2	20,700	120
130	57.6	202.3	16,900	58.8	201.3	17,300	60.0	199.0	17,800	130
140	54.6	195.5	14,500	55.8	194.4	14,900	56.9	192.0	15,300	140
150	51.5	187.8	12,400	52.7	186.7	12,800	53.7	184.2	13,100	150
160	48.3	179.2	10,600	49.4	178.0	10,900	50.4	175.4	11,200	160
170	44.8	169.5	9,000	46.0	168.2	9,300	46.9	165.5	9,500	170
180	41.2	158.5	7,600	42.3	157.2	7,900	43.1	154.2	8,000	180
190	37.2	146.0	6,400	38.3	144.5	6,600				190
200	32.9	131.4	5,200	33.9	129.7	5,400				200
210	27.9	113.8	4,200 *							210

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

30 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
210 Ft. BOOM										
45	80.8	246.2	59,000 *							45
50	79.6	245.3	58,800 *	80.8	244.4	54,800*				50
55	78.3	244.3	58,100 *	79.6	243.4	54,200*	80.9	241.4	47,400*	55
60	77.1	243.1	57,300 *	78.4	242.2	52,700*	79.6	240.2	46,100*	60
65	75.9	241.9	52,900	77.1	241.0	49,800*	78.4	239.0	44,800*	65
70	74.7	240.5	47,400	75.9	239.6	47,200*	77.1	237.6	43,700*	70
75	73.5	239.0	42,700	74.7	238.1	43,700	75.9	236.1	41,500*	75
80	72.2	237.4	38,600	73.4	236.5	39,600	74.6	234.5	39,600*	80
85	71.0	235.7	35,100	72.2	234.8	36,000	73.4	232.7	36,900	85
90	69.7	233.8	32,100	70.9	232.9	32,900	72.1	230.8	33,700	90
100	67.1	229.8	26,900	68.3	228.8	27,600	69.5	226.7	28,300	100
110	64.5	225.1	22,800	65.7	224.2	23,400	66.9	222.0	24,000	110
120	61.9	220.0	19,400	63.0	219.0	20,000	64.2	216.8	20,500	120
130	59.1	214.2	16,600	60.3	213.2	17,100	61.4	210.9	17,500	130
140	56.3	207.7	14,200	57.5	206.7	14,600	58.5	204.3	15,000	140
150	53.4	200.5	12,100	54.5	199.4	12,500	55.5	197.0	12,800	150
160	50.4	192.5	10,300	51.5	191.3	10,600	52.5	188.8	10,900	160
170	47.2	183.5	8,700	48.3	182.3	9,000	49.2	179.6	9,300	170
180	43.8	173.5	7,300	44.9	172.2	7,600	45.8	169.4	7,800	180
190	40.3	162.2	6,100	41.3	160.8	6,300	42.1	157.7	6,500	190
200	36.4	149.2	5,000	37.4	147.8	5,100				200
210				33.1	132.6	4,100				210



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

30 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
220 Ft. BOOM										
50	80.0	255.5	58,300 *							50
55	78.8	254.5	57,600 *	80.0	253.6	53,800*				55
60	77.6	253.4	56,800 *	78.8	252.5	53,300*	80.0	250.5	46,500*	60
65	76.5	252.2	52,400 *	77.7	251.3	52,400*	78.9	249.3	45,300*	65
70	75.3	250.9	47,000	76.5	250.0	48,200*	77.7	248.0	44,100*	70
75	74.1	249.5	42,300	75.3	248.6	43,400	76.5	246.5	43,100*	75
80	72.9	247.9	38,300	74.1	247.0	39,300	75.3	245.0	40,200	80
85	71.7	246.3	34,800	72.9	245.4	35,700	74.1	243.3	36,600	85
90	70.5	244.5	31,700	71.7	243.6	32,500	72.8	241.5	33,400	90
100	68.1	240.6	26,500	69.3	239.7	27,300	70.4	237.6	28,000	100
110	65.6	236.2	22,400	66.8	235.3	23,100	67.9	233.1	23,700	110
120	63.1	231.3	19,000	64.2	230.3	19,600	65.3	228.1	20,100	120
130	60.5	225.8	16,200	61.6	224.8	16,700	62.7	222.5	17,200	130
140	57.8	219.7	13,800	58.9	218.7	14,200	60.0	216.3	14,600	140
150	55.1	212.9	11,700	56.2	211.8	12,100	57.2	209.4	12,500	150
160	52.2	205.4	9,900	53.3	204.3	10,200	54.3	201.8	10,600	160
170	49.3	197.0	8,300	50.3	195.9	8,600	51.3	193.3	8,900	170
180	46.2	187.8	6,900	47.2	186.6	7,200	48.1	183.8	7,400	180
190	42.9	177.4	5,700	43.9	176.1	5,900	44.7	173.2	6,100	190
200	39.4	165.7	4,500	40.4	164.3	4,700				200
230 Ft. BOOM										
50	80.4	265.7	57,700 *							50
55	79.2	264.7	57,000 *	80.4	263.8	53,300*				55
60	78.1	263.7	51,100	79.3	262.8	52,800*	80.4	260.8	46,900*	60
65	77.0	262.5	44,700	78.1	261.6	46,500	79.3	259.6	45,700*	65
70	75.9	261.2	39,400	77.0	260.3	41,000	78.2	258.3	42,500	70
75	74.7	259.9	34,900	75.9	259.0	36,300	77.0	256.9	37,700	75
80	73.6	258.4	31,000	74.7	257.5	32,300	75.9	255.4	33,600	80
85	72.5	256.8	27,600	73.6	255.9	28,800	74.7	253.8	30,000	85
90	71.3	255.1	24,600	72.4	254.2	25,800	73.5	252.1	26,900	90
100	69.0	251.4	19,700	70.1	250.5	20,700	71.2	248.4	21,600	100
110	66.6	247.2	15,700	67.7	246.3	16,500	68.8	244.1	17,400	110
120	64.2	242.5	12,400	65.3	241.5	13,200	66.3	239.3	13,900	120
130	61.7	237.3	9,600	62.8	236.3	10,300	63.8	234.0	11,000	130
140	59.2	231.5	7,300	60.3	230.5	7,900	61.3	228.2	8,500	140
150	56.6	225.1	5,300	57.7	224.0	5,900	58.6	221.6	6,400	150
160				55.0	216.9	4,100	55.9	214.5	4,500	160

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

30 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
240 Ft. BOOM										
50	80.7	275.8	56,800 *							50
55	79.6	274.9	56,200 *	80.8	274.0	52,700*				55
60	78.6	273.9	50,700	79.7	273.0	50,100*	80.8	271.0	45,100*	60
65	77.5	272.8	44,300	78.6	271.9	46,000	79.7	269.9	43,100*	65
70	76.4	271.6	39,000	77.5	270.7	40,600	78.6	268.6	41,200*	70
75	75.3	270.3	34,400	76.4	269.4	35,900	77.5	267.3	37,400	75
80	74.2	268.8	30,500	75.3	267.9	31,900	76.4	265.9	33,200	80
85	73.1	267.3	27,100	74.2	266.4	28,400	75.3	264.3	29,600	85
90	72.0	265.7	24,200	73.1	264.8	25,300	74.2	262.7	26,500	90
100	69.8	262.1	19,200	70.9	261.2	20,200	71.9	259.1	21,200	100
110	67.5	258.1	15,200	68.6	257.2	16,100	69.6	255.0	17,000	110
120	65.2	253.6	11,900	66.3	252.7	12,700	67.3	250.5	13,500	120
130	62.9	248.6	9,200	63.9	247.7	9,900	64.9	245.4	10,600	130
140	60.5	243.1	6,800	61.5	242.1	7,500	62.5	239.8	8,100	140
150	58.0	237.0	4,800	59.0	236.0	5,400	60.0	233.6	5,900	150
160							57.4	226.8	4,100	160



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
80 Ft. BOOM										
30	79.4	126.9	52,400 *							30
35	77.0	125.6	50,700 *	80.3	124.6	46,300*				35
40	74.6	124.2	49,200 *	77.9	123.2	45,100*				40
45	72.1	122.5	47,800 *	75.4	121.5	44,000*	78.7	119.2	36,300*	45
50	69.6	120.6	46,500 *	72.8	119.5	42,900*	76.1	117.2	34,400*	50
55	67.0	118.4	45,200 *	70.2	117.3	42,000*	73.5	115.0	32,700*	55
60	64.4	115.9	44,100 *	67.6	114.8	41,100*	70.8	112.4	31,200*	60
65	61.7	113.2	43,100 *	64.9	112.0	40,300*	68.0	109.6	29,900*	65
70	59.0	110.1	42,100 *	62.1	108.9	39,600*	65.2	106.4	28,700*	70
75	56.1	106.7	41,200 *	59.2	105.5	37,700*	62.2	102.9	27,600*	75
80	53.2	102.9	40,400 *	56.2	101.6	35,800*	59.1	98.9	26,600*	80
85	50.1	98.6	39,700 *	53.1	97.3	34,100*	55.9	94.5	25,700*	85
90	46.9	93.9	36,700	49.9	92.5	32,600*	52.5	89.5	25,000*	90
100	39.8	82.5	31,600	42.6	80.9	30,000*	45.0	77.4	23,700*	100
110	31.3	67.5	27,400	33.9	65.5	27,700				110
90 Ft. BOOM										
30	80.2	137.1	53,000 *							30
35	78.0	136.0	51,400 *							35
40	75.8	134.6	49,900 *	78.8	133.6	45,500*				40
45	73.5	133.1	48,600 *	76.5	132.0	44,500*	79.6	129.7	36,900*	45
50	71.2	131.3	47,300 *	74.2	130.2	43,500*	77.3	127.9	35,100*	50
55	68.9	129.3	46,100 *	71.9	128.2	42,600*	74.9	125.9	33,500*	55
60	66.5	127.1	45,000 *	69.5	126.0	41,700*	72.4	123.5	32,000*	60
65	64.1	124.6	44,000 *	67.0	123.4	40,900*	69.9	121.0	30,700*	65
70	61.6	121.8	43,000 *	64.5	120.7	40,200*	67.4	118.1	29,500*	70
75	59.1	118.8	42,100 *	61.9	117.6	39,500*	64.7	115.0	28,400*	75
80	56.4	115.4	41,300 *	59.3	114.1	37,700*	62.0	111.5	27,500*	80
85	53.7	111.6	39,500	56.6	110.4	36,000*	59.2	107.6	26,600*	85
90	50.9	107.5	36,400	53.7	106.2	34,400*	56.3	103.3	25,800*	90
100	44.9	97.9	31,300	47.6	96.4	31,700*	50.0	93.2	24,400*	100
110	38.1	85.9	27,200	40.7	84.2	27,500				110
120	30.0	70.0	23,800	32.3	67.9	24,000				120



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. BOOM										
30	80.9	147.3	53,600 *							30
35	78.9	146.2	52,100 *							35
40	76.8	145.0	50,600 *	79.6	143.9	45,900*				40
45	74.7	143.6	49,300 *	77.5	142.5	44,900*	80.4	140.1	37,500*	45
50	72.6	141.9	48,100 *	75.4	140.8	43,900*	78.2	138.5	35,800*	50
55	70.4	140.1	46,900 *	73.2	139.0	43,100*	76.0	136.6	34,200*	55
60	68.3	138.0	45,800 *	71.0	136.9	42,200*	73.8	134.5	32,800*	60
65	66.1	135.8	44,800 *	68.8	134.6	41,500*	71.5	132.1	31,500*	65
70	63.8	133.2	43,900 *	66.5	132.1	40,800*	69.2	129.5	30,300*	70
75	61.5	130.5	43,000 *	64.2	129.3	40,100*	66.8	126.7	29,200*	75
80	59.1	127.4	42,100 *	61.8	126.2	39,500*	64.4	123.5	28,300*	80
85	56.7	124.1	39,100	59.3	122.8	37,800*	61.9	120.1	27,400*	85
90	54.2	120.4	36,100	56.8	119.1	36,100*	59.3	116.3	26,600*	90
100	48.9	112.0	31,000	51.5	110.6	31,500	53.8	107.5	25,200*	100
110	43.2	101.8	26,800	45.6	100.2	27,200	47.7	96.8	24,000*	110
120	36.7	89.1	23,400	39.0	87.3	23,700				120
130	28.8	72.5	20,600							130
110 Ft. BOOM										
35	79.6	156.5	52,600 *							35
40	77.7	155.3	51,200 *	80.3	154.2	46,300*				40
45	75.7	154.0	49,900 *	78.4	152.9	45,300*				45
50	73.8	152.5	48,700 *	76.4	151.4	44,400*	79.1	148.9	36,400*	50
55	71.8	150.8	47,600 *	74.4	149.6	43,500*	77.0	147.2	34,800*	55
60	69.8	148.9	46,500 *	72.4	147.7	42,700*	75.0	145.3	33,400*	60
65	67.7	146.8	45,600 *	70.3	145.6	42,000*	72.9	143.1	32,200*	65
70	65.7	144.5	44,600 *	68.2	143.3	41,300*	70.7	140.7	31,000*	70
75	63.5	141.9	43,700 *	66.1	140.7	40,600*	68.6	138.1	30,000*	75
80	61.4	139.1	42,400	63.9	137.9	40,000*	66.3	135.2	29,000*	80
85	59.2	136.1	38,900	61.7	134.8	39,500*	64.1	132.1	28,100*	85
90	56.9	132.8	35,800	59.4	131.5	36,500	61.7	128.7	27,300*	90
100	52.2	125.2	30,700	54.6	123.9	31,200	56.8	120.9	25,900*	100
110	47.2	116.3	26,600	49.5	114.8	27,000	51.6	111.5	24,700*	110
120	41.6	105.5	23,200	43.9	103.8	23,500	45.8	100.2	23,700*	120
130	35.3	92.2	20,300	37.5	90.2	20,600				130
140	27.8	74.8	17,900							140



Liftcrane Jib Capacities

Meets
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Requirements

777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. BOOM										
35	80.3	166.7	53,100 *							35
40	78.5	165.6	51,800 *	80.9	164.5	46,600*				40
45	76.7	164.3	50,500 *	79.1	163.2	45,600*				45
50	74.8	162.9	49,400 *	77.3	161.8	44,800*	79.8	159.4	36,900*	50
55	73.0	161.4	48,300 *	75.4	160.2	43,900*	77.9	157.7	35,400*	55
60	71.1	159.6	47,200 *	73.5	158.4	43,200*	76.0	155.9	34,100*	60
65	69.2	157.6	46,300 *	71.6	156.5	42,400*	74.0	153.9	32,800*	65
70	67.3	155.5	45,300 *	69.7	154.3	41,700*	72.0	151.7	31,700*	70
75	65.3	153.1	44,500 *	67.7	151.9	41,100*	70.0	149.3	30,700*	75
80	63.3	150.6	42,100	65.7	149.3	40,500*	68.0	146.7	29,700*	80
85	61.3	147.8	38,700	63.7	146.5	39,400	65.9	143.8	28,800*	85
90	59.2	144.8	35,600	61.6	143.5	36,300	63.8	140.7	28,000*	90
100	55.0	137.9	30,500	57.2	136.6	31,100	59.4	133.6	26,500*	100
110	50.4	129.9	26,400	52.7	128.4	26,800	54.7	125.3	25,300*	110
120	45.6	120.4	23,000	47.7	118.8	23,400	49.6	115.4	23,700	120
130	40.2	109.0	20,100	42.3	107.3	20,400	44.0	103.5	20,700	130
140	34.2	95.1	17,700	36.1	93.1	17,900				140
150	26.9	77.1	15,600							150
130 Ft. BOOM										
35	80.8	176.8	53,500 *							35
40	79.2	175.8	52,300 *							40
45	77.4	174.7	51,000 *	79.8	173.5	46,000*				45
50	75.7	173.3	49,900 *	78.0	172.2	45,100*	80.4	169.7	37,400*	50
55	74.0	171.9	48,900 *	76.3	170.7	44,300*	78.6	168.2	35,900*	55
60	72.2	170.2	47,900 *	74.5	169.0	43,600*	76.8	166.5	34,600*	60
65	70.5	168.4	46,900 *	72.7	167.2	42,800*	75.0	164.6	33,400*	65
70	68.7	166.4	46,000 *	70.9	165.2	42,200*	73.2	162.6	32,300*	70
75	66.9	164.2	45,100 *	69.1	163.0	41,600*	71.3	160.3	31,300*	75
80	65.0	161.8	41,900	67.2	160.6	41,000*	69.4	157.9	30,300*	80
85	63.1	159.2	38,400	65.4	158.0	39,100	67.5	155.3	29,500*	85
90	61.2	156.4	35,300	63.4	155.2	36,000	65.6	152.4	28,600*	90
100	57.3	150.2	30,200	59.5	148.8	30,800	61.5	145.9	27,200*	100
110	53.2	142.9	26,100	55.3	141.4	26,600	57.3	138.4	25,900*	110
120	48.8	134.3	22,700	50.9	132.8	23,100	52.7	129.6	23,500	120
130	44.1	124.4	19,800	46.1	122.7	20,200	47.8	119.2	20,500	130
140	38.9	112.5	17,400	40.9	110.7	17,700				140
150	33.1	98.0	15,300	34.9	95.9	15,500				150
160	26.0	79.3	13,500							160



Liftcrane Jib Capacities

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. BOOM										
40	79.8	186.0	52,700 *							40
45	78.1	185.0	51,500 *	80.3	183.8	46,200*				45
50	76.5	183.7	50,400 *	78.7	182.5	45,400*	81.0	180.0	37,800*	50
55	74.9	182.3	49,400 *	77.1	181.1	44,700*	79.3	178.6	36,400*	55
60	73.2	180.8	48,400 *	75.4	179.6	43,900*	77.6	177.0	35,200*	60
65	71.6	179.0	47,500 *	73.7	177.9	43,200*	75.9	175.3	34,000*	65
70	69.9	177.2	46,600 *	72.0	176.0	42,600*	74.2	173.4	32,900*	70
75	68.2	175.1	45,500	70.3	173.9	42,000*	72.5	171.3	31,900*	75
80	66.5	172.9	41,500	68.6	171.7	41,400*	70.7	169.0	30,900*	80
85	64.7	170.5	38,000	66.8	169.2	38,800	68.9	166.5	30,100*	85
90	63.0	167.9	34,900	65.1	166.6	35,700	67.1	163.9	29,300*	90
100	59.3	162.1	29,800	61.4	160.8	30,500	63.4	157.9	27,800*	100
110	55.5	155.4	25,700	57.6	154.0	26,200	59.5	151.0	26,500*	110
120	51.6	147.6	22,300	53.5	146.2	22,800	55.3	143.0	23,200	120
130	47.3	138.7	19,400	49.3	137.1	19,900	51.0	133.7	20,200	130
140	42.8	128.2	17,000	44.7	126.5	17,400	46.2	122.8	17,600	140
150	37.8	115.8	14,900	39.6	113.9	15,200				150
160	32.1	100.8	13,100	33.8	98.6	13,300				160
170	25.2	81.5	11,500							170
150 Ft. BOOM										
40	80.3	196.2	52,500 *							40
45	78.8	195.2	51,600 *	80.9	194.0	46,500*				45
50	77.2	194.0	50,700 *	79.3	192.9	45,700*				50
55	75.7	192.7	49,900 *	77.8	191.5	45,000*	79.9	189.0	36,900*	55
60	74.1	191.2	49,000 *	76.2	190.1	44,300*	78.3	187.5	35,600*	60
65	72.6	189.6	48,100 *	74.6	188.4	43,600*	76.7	185.8	34,500*	65
70	71.0	187.9	47,200 *	73.0	186.7	43,000*	75.1	184.0	33,400*	70
75	69.4	185.9	45,200	71.4	184.7	42,400*	73.5	182.1	32,400*	75
80	67.8	183.9	41,200	69.8	182.6	41,800*	71.8	179.9	31,500*	80
85	66.2	181.6	37,700	68.2	180.3	38,600	70.1	177.6	30,600*	85
90	64.5	179.2	34,600	66.5	177.9	35,400	68.4	175.1	29,800*	90
100	61.1	173.8	29,500	63.1	172.4	30,200	65.0	169.6	28,400*	100
110	57.6	167.5	25,400	59.5	166.2	26,000	61.3	163.2	26,500	110
120	53.9	160.4	22,000	55.8	159.0	22,500	57.6	155.8	23,000	120
130	50.1	152.2	19,100	51.9	150.7	19,600	53.6	147.4	20,000	130
140	46.0	142.8	16,700	47.8	141.2	17,100	49.4	137.7	17,400	140
150	41.6	131.9	14,600	43.3	130.2	14,900	44.8	126.3	15,200	150
160	36.7	119.1	12,800	38.4	117.1	13,100				160
170	31.2	103.5	11,200	32.8	101.2	11,400				170
180	24.5	83.6	9,800							180



Liftcrane Jib Capacities

Meets
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Requirements

777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. BOOM										
40	80.8	206.4	52,300 *							40
45	79.3	205.4	51,400 *							45
50	77.9	204.3	50,600 *	79.9	203.1	46,000*				50
55	76.4	203.1	49,900 *	78.4	201.9	45,300*	80.4	199.3	37,300*	55
60	75.0	201.7	49,100 *	76.9	200.5	44,600*	78.9	197.9	36,100*	60
65	73.5	200.2	48,400 *	75.4	198.9	43,900*	77.4	196.3	35,000*	65
70	72.0	198.5	47,700 *	73.9	197.3	43,300*	75.9	194.6	33,900*	70
75	70.5	196.7	45,000	72.4	195.4	42,700*	74.3	192.8	32,900*	75
80	68.9	194.7	40,900	70.9	193.5	41,900	72.8	190.8	32,000*	80
85	67.4	192.6	37,400	69.3	191.3	38,300	71.2	188.6	31,200*	85
90	65.9	190.3	34,400	67.8	189.0	35,200	69.6	186.3	30,400*	90
100	62.7	185.2	29,200	64.5	183.9	29,900	66.4	181.1	28,900*	100
110	59.4	179.4	25,100	61.2	178.1	25,700	63.0	175.1	26,300	110
120	56.0	172.8	21,700	57.8	171.4	22,200	59.5	168.3	22,700	120
130	52.4	165.3	18,900	54.2	163.8	19,300	55.9	160.6	19,800	130
140	48.7	156.7	16,400	50.5	155.1	16,800	52.0	151.7	17,200	140
150	44.7	146.9	14,400	46.5	145.2	14,700	47.9	141.5	15,000	150
160	40.5	135.5	12,500	42.1	133.7	12,800	43.4	129.7	13,100	160
170	35.7	122.2	10,900	37.3	120.2	11,200				170
180	30.4	106.1	9,500	31.8	103.8	9,700				180
190	23.9	85.6	8,200							190

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. BOOM										
45	79.8	215.6	51,200 *							45
50	78.5	214.6	50,500 *	80.4	213.4	46,200*				50
55	77.1	213.4	49,700 *	79.0	212.2	45,500*	80.9	209.6	37,700*	55
60	75.7	212.1	49,000 *	77.6	210.9	44,900*	79.5	208.2	36,500*	60
65	74.3	210.6	48,300 *	76.1	209.4	44,200*	78.0	206.8	35,400*	65
70	72.9	209.0	47,600 *	74.7	207.8	43,600*	76.6	205.2	34,400*	70
75	71.4	207.3	44,600	73.3	206.1	43,000*	75.1	203.4	33,400*	75
80	70.0	205.5	40,600	71.8	204.2	41,600*	73.7	201.5	32,500*	80
85	68.5	203.5	37,100	70.4	202.2	38,100	72.2	199.5	31,700*	85
90	67.1	201.3	34,000	68.9	200.0	34,900	70.7	197.3	30,900*	90
100	64.1	196.5	28,900	65.9	195.2	29,700	67.6	192.4	29,400*	100
110	61.0	191.1	24,800	62.8	189.7	25,400	64.5	186.8	26,100	110
120	57.8	184.9	21,400	59.6	183.5	21,900	61.2	180.5	22,500	120
130	54.5	177.9	18,500	56.2	176.4	19,000	57.8	173.3	19,500	130
140	51.1	170.0	16,100	52.8	168.5	16,500	54.3	165.1	16,900	140
150	47.5	161.0	14,000	49.1	159.4	14,400	50.5	155.9	14,700	150
160	43.6	150.8	12,200	45.2	149.1	12,500	46.5	145.3	12,800	160
170	39.4	139.1	10,600	41.0	137.2	10,900				170
180	34.8	125.3	9,200	36.3	123.2	9,400				180
190	29.6	108.7	7,900							190
200	23.3	87.6	6,800							200



Liftcrane Jib Capacities

Meets
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777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. BOOM										
45	80.3	225.8	50,900 *							45
50	79.0	224.8	50,200 *	80.8	223.6	46,400*				50
55	77.7	223.7	49,500 *	79.5	222.5	45,800*				55
60	76.3	222.4	48,800 *	78.1	221.2	45,100*	80.0	218.6	36,900*	60
65	75.0	221.1	48,200 *	76.8	219.8	44,500*	78.6	217.2	35,800*	65
70	73.7	219.5	47,500 *	75.4	218.3	43,900*	77.2	215.6	34,800*	70
75	72.3	217.9	44,300	74.1	216.7	43,400*	75.8	214.0	33,900*	75
80	70.9	216.1	40,300	72.7	214.9	41,100*	74.4	212.2	33,000*	80
85	69.6	214.2	36,700	71.3	213.0	37,700	73.0	210.2	32,100*	85
90	68.2	212.2	33,700	69.9	210.9	34,600	71.6	208.2	31,400*	90
100	65.3	207.7	28,500	67.1	206.4	29,300	68.7	203.5	29,500*	100
110	62.4	202.5	24,400	64.1	201.2	25,100	65.8	198.3	25,700	110
120	59.4	196.7	21,000	61.1	195.4	21,600	62.7	192.4	22,200	120
130	56.4	190.2	18,100	58.0	188.8	18,700	59.6	185.7	19,200	130
140	53.2	182.9	15,700	54.8	181.4	16,200	56.3	178.1	16,600	140
150	49.8	174.6	13,600	51.4	173.0	14,000	52.8	169.6	14,400	150
160	46.3	165.2	11,800	47.9	163.6	12,200	49.2	160.0	12,500	160
170	42.5	154.7	10,200	44.1	152.9	10,500	45.3	149.0	10,800	170
180	38.5	142.5	8,800	39.9	140.5	9,100				180
190	34.0	128.3	7,500	35.4	126.1	7,700				190
200	28.9	111.2	6,400							200
210	22.7	89.5	5,300							210

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
190 Ft. BOOM										
45	80.7	236.0	50,500 *							45
50	79.5	235.0	49,800 *							50
55	78.2	233.9	49,200 *	79.9	232.7	46,000*				55
60	76.9	232.8	48,500 *	78.7	231.5	45,300*	80.4	228.9	37,300*	60
65	75.7	231.4	47,800 *	77.4	230.2	44,700*	79.1	227.5	36,200*	65
70	74.4	230.0	47,200 *	76.1	228.8	44,100*	77.8	226.1	35,200*	70
75	73.1	228.4	43,800	74.8	227.2	43,600*	76.5	224.5	34,300*	75
80	71.8	226.8	39,800	73.5	225.5	40,900	75.2	222.8	33,400*	80
85	70.5	225.0	36,200	72.2	223.7	37,300	73.8	220.9	32,600*	85
90	69.2	223.0	33,200	70.8	221.7	34,100	72.5	219.0	31,800*	90
100	66.5	218.7	28,000	68.1	217.4	28,800	69.7	214.6	29,300*	100
110	63.7	213.9	23,800	65.4	212.5	24,600	66.9	209.6	25,300	110
120	60.9	208.4	20,400	62.5	207.0	21,100	64.1	204.0	21,700	120
130	58.0	202.2	17,600	59.6	200.8	18,200	61.1	197.7	18,700	130
140	55.0	195.4	15,200	56.6	193.9	15,700	58.0	190.7	16,100	140
150	51.9	187.7	13,100	53.5	186.1	13,500	54.8	182.8	13,900	150
160	48.6	179.0	11,300	50.2	177.4	11,700	51.5	173.9	12,000	160
170	45.2	169.4	9,700	46.7	167.7	10,000	47.9	163.9	10,300	170
180	41.5	158.4	8,300	43.0	156.6	8,600	44.1	152.5	8,800	180
190	37.6	145.8	7,000	39.0	143.8	7,200				190
200	33.2	131.2	5,900	34.5	129.0	6,100				200
210	28.2	113.7	4,800							210



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
200 Ft. BOOM										
50	79.9	245.2	49,500 *							50
55	78.7	244.2	48,800 *	80.4	243.0	45,900*				55
60	77.5	243.0	48,200 *	79.1	241.8	45,400*	80.8	239.2	37,600*	60
65	76.3	241.8	47,600 *	77.9	240.6	45,000*	79.6	237.9	36,600*	65
70	75.0	240.4	47,000 *	76.7	239.2	44,500*	78.3	236.5	35,600*	70
75	73.8	238.9	43,500	75.4	237.7	43,300*	77.1	235.0	34,700*	75
80	72.6	237.3	39,500	74.2	236.1	40,100*	75.8	233.3	33,800*	80
85	71.3	235.6	35,900	72.9	234.3	37,000*	74.5	231.6	33,000*	85
90	70.1	233.8	32,900	71.7	232.5	33,900	73.3	229.7	32,200*	90
100	67.5	229.7	27,700	69.1	228.4	28,600	70.7	225.5	28,400*	100
110	64.9	225.1	23,500	66.5	223.7	24,300	68.0	220.8	24,900*	110
120	62.2	219.9	20,100	63.8	218.5	20,800	65.3	215.5	21,500	120
130	59.5	214.1	17,300	61.0	212.7	17,900	62.5	209.6	18,400	130
140	56.7	207.6	14,800	58.2	206.1	15,400	59.6	203.0	15,900	140
150	53.8	200.4	12,800	55.3	198.9	13,200	56.6	195.6	13,700	150
160	50.7	192.4	10,900	52.2	190.8	11,400	53.5	187.4	11,700	160
170	47.5	183.4	9,400	49.0	181.8	9,700	50.2	178.2	10,000	170
180	44.2	173.4	7,900	45.6	171.6	8,300	46.8	167.8	8,500	180
190	40.6	162.0	6,700	42.0	160.1	7,000				190
200	36.7	149.1	5,500	38.1	147.0	5,800				200
210	32.5	134.0	4,500	33.7	131.7	4,700				210

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
210 Ft. BOOM										
50	80.3	255.4	48,900 *							50
55	79.2	254.4	48,300 *	80.8	253.2	45,400*				55
60	78.0	253.3	47,700 *	79.6	252.1	44,900*				60
65	76.8	252.1	47,100 *	78.4	250.9	44,400*	80.0	248.2	36,900*	65
70	75.7	250.8	46,500 *	77.2	249.6	43,000*	78.8	246.8	35,900*	70
75	74.5	249.4	43,200	76.0	248.1	41,000*	77.6	245.4	35,000*	75
80	73.3	247.8	39,200	74.8	246.6	39,100*	76.4	243.8	34,200*	80
85	72.1	246.2	35,600	73.6	244.9	36,800	75.2	242.2	33,400*	85
90	70.9	244.4	32,500	72.4	243.1	33,600	74.0	240.4	32,700*	90
100	68.4	240.5	27,400	70.0	239.2	28,300	71.5	236.4	29,200	100
110	66.0	236.1	23,200	67.5	234.8	24,000	69.0	231.9	24,800	110
120	63.4	231.2	19,800	64.9	229.8	20,500	66.4	226.9	21,200	120
130	60.8	225.7	17,000	62.3	224.3	17,600	63.7	221.3	18,200	130
140	58.2	219.6	14,500	59.6	218.2	15,100	61.0	215.0	15,600	140
150	55.4	212.8	12,500	56.9	211.3	13,000	58.2	208.1	13,400	150
160	52.6	205.3	10,600	54.0	203.7	11,100	55.3	200.4	11,500	160
170	49.6	196.9	9,100	51.0	195.3	9,500	52.2	191.8	9,800	170
180	46.5	187.7	7,600	47.9	186.0	8,000	49.1	182.3	8,300	180
190	43.2	177.3	6,400	44.6	175.5	6,700	45.7	171.6	6,900	190
200	39.8	165.6	5,300	41.1	163.7	5,500				200
210	36.0	152.3	4,200	37.2	150.2	4,500				210
220 Ft. BOOM										
50	80.7	265.6	48,400 *							50
55	79.6	264.6	47,900 *							55
60	78.5	263.6	47,300 *	80.0	262.3	44,600*				60
65	77.3	262.4	46,000	78.9	261.2	44,100*	80.4	258.5	37,200*	65
70	76.2	261.2	40,600	77.7	259.9	42,600	79.3	257.2	36,300*	70
75	75.1	259.8	36,100	76.6	258.5	37,900	78.1	255.8	35,400*	75
80	73.9	258.3	32,100	75.4	257.0	33,800	77.0	254.3	34,600*	80
85	72.8	256.7	28,700	74.3	255.5	30,300	75.8	252.7	31,800	85
90	71.6	255.0	25,700	73.1	253.8	27,200	74.6	251.0	28,600	90
100	69.3	251.3	20,700	70.8	250.0	22,000	72.2	247.2	23,200	100
110	66.9	247.1	16,700	68.4	245.8	17,800	69.8	242.9	18,900	110
120	64.5	242.4	13,400	66.0	241.1	14,400	67.4	238.1	15,300	120
130	62.1	237.2	10,600	63.5	235.8	11,500	64.9	232.8	12,300	130
140	59.5	231.4	8,300	61.0	230.0	9,100	62.3	226.9	9,800	140
150	56.9	225.0	6,300	58.3	223.5	6,900	59.6	220.3	7,600	150
160	54.3	217.9	4,500	55.6	216.4	5,100	56.9	213.1	5,700	160
170							54.0	205.1	4,000	170



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

40 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
230 Ft. BOOM										
55	80.0	274.8	47,400 *							55
60	78.9	273.8	46,800 *	80.4	272.5	44,200*				60
65	77.8	272.7	45,500	79.3	271.4	43,800*	80.8	268.7	37,500*	65
70	76.7	271.5	40,200	78.2	270.2	42,200	79.7	267.5	36,600*	70
75	75.6	270.2	35,600	77.1	268.9	37,500	78.6	266.2	35,700*	75
80	74.6	268.8	31,700	76.0	267.5	33,400	77.5	264.7	34,900*	80
85	73.5	267.2	28,200	74.9	266.0	29,800	76.3	263.2	31,400	85
90	72.3	265.6	25,200	73.8	264.3	26,700	75.2	261.5	28,200	90
100	70.1	262.0	20,200	71.5	260.7	21,500	72.9	257.9	22,800	100
110	67.8	258.0	16,200	69.3	256.7	17,300	70.6	253.8	18,500	110
120	65.5	253.5	12,900	66.9	252.2	13,900	68.3	249.2	14,900	120
130	63.2	248.5	10,100	64.6	247.2	11,000	65.9	244.2	11,900	130
140	60.8	243.0	7,800	62.1	241.6	8,600	63.4	238.5	9,400	140
150	58.3	236.9	5,700	59.7	235.5	6,500	60.9	232.3	7,200	150
160	55.8	230.2	4,000	57.1	228.7	4,600	58.3	225.5	5,200	160



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
80 Ft. BOOM										
30	80.6	137.1	43,300 *							30
35	78.4	135.9	42,000 *							35
40	76.2	134.6	40,700 *	80.0	133.5	37,300*				40
45	73.9	133.1	39,500 *	77.7	131.9	36,400*				45
50	71.6	131.3	38,400 *	75.4	130.1	35,500*	79.3	127.5	30,900*	50
55	69.3	129.3	37,400 *	73.0	128.1	34,700*	76.9	125.5	29,200*	55
60	66.9	127.1	36,500 *	70.6	125.9	33,900*	74.4	123.2	27,700*	60
65	64.5	124.6	35,600 *	68.2	123.3	33,200*	71.9	120.6	26,300*	65
70	62.0	121.8	34,800 *	65.7	120.5	32,500*	69.4	117.7	25,100*	70
75	59.4	118.7	34,000 *	63.1	117.4	31,500*	66.7	114.6	24,000*	75
80	56.8	115.4	33,300 *	60.4	114.0	29,900*	64.0	111.0	23,000*	80
85	54.1	111.6	32,600 *	57.7	110.2	28,400*	61.2	107.1	22,100*	85
90	51.3	107.5	31,900 *	54.9	106.1	27,100*	58.2	102.8	21,300*	90
100	45.3	97.9	29,800 *	48.7	96.3	24,800*	51.9	92.7	19,900*	100
110	38.5	85.9	27,000 *	41.8	84.0	23,000*	44.6	79.8	18,900*	110
120	30.4	70.0	24,500	33.4	67.7	21,500*				120
90 Ft. BOOM										
35	79.2	146.2	42,400 *							35
40	77.2	145.0	41,300 *	80.7	143.8	37,600*				40
45	75.1	143.6	40,100 *	78.6	142.4	36,700*				45
50	72.9	141.9	39,100 *	76.5	140.7	35,900*	80.1	138.1	31,600*	50
55	70.8	140.1	38,100 *	74.3	138.9	35,100*	77.9	136.2	29,900*	55
60	68.6	138.0	37,200 *	72.1	136.8	34,400*	75.7	134.0	28,400*	60
65	66.4	135.8	36,300 *	69.9	134.5	33,700*	73.4	131.7	27,000*	65
70	64.1	133.2	35,500 *	67.6	131.9	33,000*	71.0	129.1	25,800*	70
75	61.8	130.5	34,700 *	65.2	129.1	32,400*	68.6	126.2	24,800*	75
80	59.5	127.4	34,000 *	62.9	126.1	31,400*	66.2	123.0	23,800*	80
85	57.1	124.1	33,300 *	60.4	122.7	29,900*	63.7	119.6	22,900*	85
90	54.6	120.4	32,700 *	57.9	119.0	28,500*	61.1	115.8	22,100*	90
100	49.3	112.0	31,500 *	52.5	110.4	26,100*	55.6	106.9	20,700*	100
110	43.5	101.8	27,600	46.7	100.0	24,200*	49.5	96.1	19,500*	110
120	37.0	89.1	24,200	40.0	87.0	22,600*				120
130	29.2	72.5	21,300	31.9	69.9	21,300*				130



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. BOOM										
35	80.0	156.4	42,900 *							35
40	78.0	155.3	41,800 *							40
45	76.1	154.0	40,700 *	79.4	152.7	37,100*				45
50	74.1	152.5	39,600 *	77.4	151.2	36,300*	80.8	148.5	32,100*	50
55	72.1	150.8	38,700 *	75.4	149.5	35,500*	78.8	146.7	30,500*	55
60	70.1	148.9	37,800 *	73.4	147.6	34,800*	76.7	144.8	29,000*	60
65	68.1	146.8	36,900 *	71.3	145.5	34,100*	74.6	142.6	27,700*	65
70	66.0	144.4	36,100 *	69.2	143.1	33,500*	72.4	140.2	26,500*	70
75	63.9	141.9	35,400 *	67.1	140.6	32,900*	70.3	137.6	25,500*	75
80	61.7	139.1	34,700 *	64.9	137.7	32,300*	68.0	134.7	24,500*	80
85	59.5	136.1	34,000 *	62.7	134.7	31,200*	65.8	131.6	23,600*	85
90	57.3	132.8	33,300 *	60.4	131.3	29,800*	63.4	128.1	22,800*	90
100	52.5	125.2	31,400	55.6	123.7	27,400*	58.5	120.3	21,400*	100
110	47.5	116.3	27,200	50.5	114.6	25,400*	53.2	110.9	20,200*	110
120	41.9	105.5	23,800	44.8	103.6	23,700*	47.3	99.5	19,200*	120
130	35.7	92.1	21,000	38.4	90.0	21,300				130
140	28.1	74.8	18,500							140
110 Ft. BOOM										
35	80.6	166.6	43,300 *							35
40	78.8	165.6	42,200 *							40
45	77.0	164.3	41,200 *	80.1	163.1	37,300*				45
50	75.1	162.9	40,200 *	78.2	161.7	36,600*				50
55	73.3	161.3	39,200 *	76.3	160.1	35,800*	79.5	157.2	31,100*	55
60	71.4	159.6	38,400 *	74.4	158.3	35,200*	77.6	155.4	29,600*	60
65	69.5	157.6	37,500 *	72.5	156.3	34,500*	75.6	153.4	28,400*	65
70	67.6	155.5	36,700 *	70.6	154.1	33,900*	73.7	151.2	27,200*	70
75	65.6	153.1	36,000 *	68.6	151.8	33,300*	71.6	148.8	26,100*	75
80	63.6	150.6	35,300 *	66.6	149.2	32,800*	69.6	146.1	25,200*	80
85	61.6	147.8	34,600 *	64.6	146.4	32,200*	67.5	143.2	24,300*	85
90	59.5	144.7	34,000 *	62.5	143.3	31,100*	65.4	140.1	23,500*	90
100	55.3	137.9	31,100	58.2	136.4	28,600*	60.9	133.0	22,000*	100
110	50.7	129.9	27,000	53.6	128.2	26,500*	56.2	124.6	20,800*	110
120	45.9	120.4	23,600	48.6	118.6	24,000	51.1	114.7	19,800*	120
130	40.5	109.0	20,700	43.2	107.1	21,100	45.4	102.7	18,900*	130
140	34.5	95.1	18,300	37.0	92.8	18,600				140
150	27.2	77.1	16,200							150



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. BOOM										
40	79.4	175.8	42,600 *							40
45	77.7	174.7	41,600 *	80.7	173.4	37,600*				45
50	76.0	173.3	40,600 *	78.9	172.0	36,900*				50
55	74.3	171.8	39,700 *	77.2	170.5	36,200*	80.2	167.7	31,600*	55
60	72.5	170.2	38,900 *	75.4	168.9	35,500*	78.4	166.0	30,200*	60
65	70.8	168.4	38,100 *	73.6	167.0	34,900*	76.5	164.1	28,900*	65
70	69.0	166.4	37,300 *	71.8	165.0	34,300*	74.7	162.0	27,800*	70
75	67.1	164.2	36,600 *	70.0	162.8	33,700*	72.8	159.8	26,700*	75
80	65.3	161.8	35,900 *	68.1	160.4	33,200*	70.9	157.3	25,800*	80
85	63.4	159.2	35,200 *	66.2	157.8	32,600*	69.0	154.7	24,900*	85
90	61.5	156.4	34,600 *	64.3	155.0	32,200*	67.0	151.8	24,100*	90
100	57.6	150.1	30,800	60.3	148.6	29,800*	63.0	145.3	22,600*	100
110	53.5	142.8	26,700	56.2	141.2	27,300	58.7	137.7	21,400*	110
120	49.1	134.3	23,300	51.7	132.6	23,800	54.1	128.8	20,400*	120
130	44.4	124.3	20,500	47.0	122.5	20,900	49.2	118.4	19,500*	130
140	39.2	112.5	18,000	41.7	110.4	18,400	43.7	105.8	18,700*	140
150	33.4	98.0	15,900	35.7	95.6	16,200				150
160	26.3	79.3	14,100							160
130 Ft. BOOM										
40	80.0	186.0	43,000 *							40
45	78.4	184.9	42,000 *							45
50	76.8	183.7	41,100 *	79.6	182.4	37,100*				50
55	75.2	182.3	40,200 *	77.9	181.0	36,400*	80.7	178.0	32,100*	55
60	73.5	180.7	39,400 *	76.2	179.4	35,800*	79.1	176.4	30,700*	60
65	71.9	179.0	38,600 *	74.6	177.7	35,200*	77.3	174.7	29,500*	65
70	70.2	177.2	37,800 *	72.9	175.8	34,600*	75.6	172.8	28,300*	70
75	68.5	175.1	37,100 *	71.2	173.7	34,000*	73.9	170.7	27,300*	75
80	66.8	172.9	36,400 *	69.4	171.5	33,500*	72.1	168.4	26,400*	80
85	65.0	170.5	35,800 *	67.7	169.0	33,000*	70.3	165.9	25,500*	85
90	63.2	167.9	35,200 *	65.9	166.4	32,600*	68.5	163.2	24,700*	90
100	59.6	162.1	30,500	62.2	160.6	30,900*	64.7	157.2	23,200*	100
110	55.8	155.3	26,400	58.4	153.8	27,100	60.8	150.3	22,000*	110
120	51.8	147.6	23,000	54.4	145.9	23,600	56.7	142.2	20,900*	120
130	47.6	138.6	20,200	50.1	136.9	20,600	52.3	132.9	20,000*	130
140	43.1	128.2	17,700	45.5	126.2	18,100	47.5	121.9	18,500	140
150	38.0	115.8	15,700	40.4	113.7	16,000				150
160	32.4	100.8	13,800	34.5	98.3	14,100				160
170	25.5	81.4	12,200							170



Liftcrane Jib Capacities

Meets
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777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. BOOM										
40	80.6	196.2	43,300 *							40
45	79.0	195.2	42,400 *							45
50	77.5	194.0	41,500 *	80.1	192.7	37,300*				50
55	76.0	192.7	40,600 *	78.6	191.3	36,700*				55
60	74.4	191.2	39,800 *	77.0	189.9	36,100*	79.7	186.9	31,200*	60
65	72.8	189.6	39,000 *	75.4	188.2	35,500*	78.1	185.2	30,000*	65
70	71.3	187.8	38,300 *	73.8	186.5	34,900*	76.4	183.4	28,900*	70
75	69.7	185.9	37,600 *	72.2	184.5	34,400*	74.8	181.4	27,800*	75
80	68.0	183.8	36,900 *	70.6	182.4	33,900*	73.1	179.3	26,900*	80
85	66.4	181.6	36,300 *	68.9	180.1	33,400*	71.5	177.0	26,000*	85
90	64.8	179.2	35,300	67.3	177.7	32,900*	69.8	174.5	25,200*	90
100	61.4	173.7	30,100	63.8	172.2	31,000	66.3	168.9	23,800*	100
110	57.8	167.5	26,000	60.3	165.9	26,700	62.6	162.5	22,500*	110
120	54.2	160.4	22,600	56.6	158.7	23,200	58.9	155.1	21,400*	120
130	50.3	152.2	19,800	52.7	150.5	20,300	54.9	146.6	20,500*	130
140	46.2	142.8	17,300	48.6	140.9	17,800	50.6	136.8	18,200	140
150	41.8	131.9	15,300	44.1	129.9	15,600	46.0	125.4	15,900	150
160	37.0	119.1	13,400	39.1	116.8	13,700				160
170	31.4	103.5	11,800	33.5	100.8	12,100				170
180	24.8	83.5	10,400							180

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
150 Ft. BOOM										
40	81.0	206.4	43,600 *							40
45	79.6	205.4	42,700 *							45
50	78.1	204.3	41,800 *	80.6	202.9	37,600*				50
55	76.7	203.0	41,000 *	79.1	201.7	36,900*				55
60	75.2	201.7	40,200 *	77.7	200.3	36,300*	80.2	197.3	31,600*	60
65	73.7	200.1	39,500 *	76.2	198.7	35,700*	78.7	195.7	30,400*	65
70	72.2	198.5	38,700 *	74.7	197.1	35,200*	77.2	194.0	29,300*	70
75	70.7	196.7	38,000 *	73.1	195.2	34,700*	75.6	192.1	28,300*	75
80	69.2	194.7	37,400 *	71.6	193.3	34,200*	74.0	190.1	27,400*	80
85	67.7	192.6	36,800 *	70.1	191.1	33,700*	72.5	187.9	26,500*	85
90	66.1	190.3	35,000	68.5	188.8	33,200*	70.9	185.6	25,700*	90
100	62.9	185.2	29,800	65.3	183.7	30,700	67.6	180.4	24,300*	100
110	59.6	179.4	25,700	62.0	177.8	26,400	64.2	174.4	23,000*	110
120	56.2	172.8	22,300	58.5	171.1	22,900	60.7	167.6	22,000*	120
130	52.7	165.2	19,400	55.0	163.5	20,000	57.1	159.8	20,500	130
140	49.0	156.7	17,000	51.2	154.9	17,500	53.2	150.9	17,900	140
150	45.0	146.9	14,900	47.2	144.9	15,300	49.0	140.6	15,700	150
160	40.7	135.5	13,100	42.8	133.4	13,500	44.5	128.7	13,700	160
170	36.0	122.2	11,500	38.0	119.8	11,800				170
180	30.6	106.1	10,100	32.5	103.4	10,300				180
190	24.1	85.5	8,800							190



Liftcrane Jib Capacities

Meets
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777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. BOOM										
45	80.1	215.6	43,000 *							45
50	78.7	214.6	42,200 *							50
55	77.3	213.4	41,400 *	79.7	212.0	37,100*				55
60	75.9	212.1	40,600 *	78.3	210.7	36,600*	80.7	207.6	32,000*	60
65	74.5	210.6	39,900 *	76.9	209.2	36,000*	79.3	206.1	30,800*	65
70	73.1	209.0	39,200 *	75.4	207.6	35,500*	77.8	204.5	29,800*	70
75	71.7	207.3	38,500 *	74.0	205.9	35,000*	76.3	202.7	28,800*	75
80	70.2	205.4	37,800 *	72.5	204.0	34,500*	74.9	200.8	27,900*	80
85	68.8	203.4	37,200 *	71.1	202.0	34,000*	73.4	198.8	27,000*	85
90	67.3	201.3	34,700	69.6	199.8	33,600*	71.9	196.6	26,200*	90
100	64.3	196.5	29,500	66.6	195.0	30,400	68.8	191.7	24,800*	100
110	61.2	191.0	25,400	63.5	189.5	26,200	65.6	186.1	23,500*	110
120	58.1	184.9	22,000	60.3	183.3	22,700	62.4	179.7	22,400*	120
130	54.8	177.9	19,100	56.9	176.2	19,700	59.0	172.5	20,300	130
140	51.3	170.0	16,700	53.5	168.2	17,200	55.4	164.3	17,700	140
150	47.7	161.0	14,600	49.8	159.1	15,100	51.6	155.0	15,500	150
160	43.8	150.8	12,800	45.9	148.8	13,200	47.6	144.4	13,500	160
170	39.7	139.0	11,200	41.6	136.8	11,600	43.2	132.0	11,800	170
180	35.1	125.3	9,800	37.0	122.8	10,100				180
190	29.8	108.7	8,500	31.6	105.8	8,700				190
200	23.5	87.5	7,400							200

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. BOOM										
45	80.5	225.8	43,300 *							45
50	79.2	224.8	42,500 *							50
55	77.9	223.7	41,700 *	80.2	222.3	37,300*				55
60	76.6	222.4	41,000 *	78.8	221.0	36,800*				60
65	75.2	221.0	40,200 *	77.5	219.6	36,200*	79.8	216.5	31,200*	65
70	73.9	219.5	39,600 *	76.1	218.1	35,700*	78.4	215.0	30,200*	70
75	72.5	217.9	38,900 *	74.7	216.5	35,200*	77.0	213.3	29,200*	75
80	71.2	216.1	38,300 *	73.4	214.7	34,700*	75.6	211.5	28,300*	80
85	69.8	214.2	37,400	72.0	212.8	34,300*	74.2	209.5	27,500*	85
90	68.4	212.2	34,400	70.6	210.7	33,800*	72.8	207.4	26,700*	90
100	65.6	207.7	29,200	67.7	206.1	30,100	69.9	202.8	25,300*	100
110	62.7	202.5	25,100	64.8	201.0	25,900	66.9	197.5	24,000*	110
120	59.7	196.7	21,600	61.8	195.1	22,400	63.8	191.6	22,900*	120
130	56.6	190.2	18,800	58.7	188.5	19,400	60.7	184.9	20,000	130
140	53.4	182.8	16,400	55.5	181.1	16,900	57.4	177.3	17,500	140
150	50.0	174.6	14,300	52.1	172.7	14,800	53.9	168.7	15,200	150
160	46.5	165.2	12,500	48.5	163.3	12,900	50.2	159.0	13,300	160
170	42.8	154.6	10,900	44.7	152.6	11,300	46.3	148.0	11,600	170
180	38.7	142.5	9,500	40.6	140.2	9,800				180
190	34.2	128.3	8,200	36.0	125.7	8,500				190
200	29.1	111.2	7,100							200
210	22.9	89.4	6,000							210



Liftcrane Jib Capacities

Meets
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Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. BOOM										
45	80.9	236.0	43,000 *							45
50	79.7	235.0	42,400 *							50
55	78.4	233.9	41,800 *	80.6	232.5	37,500*				55
60	77.2	232.7	41,200 *	79.3	231.3	37,000*				60
65	75.9	231.4	40,600 *	78.0	230.0	36,500*	80.2	226.8	31,600*	65
70	74.6	230.0	39,900 *	76.7	228.5	35,900*	78.9	225.4	30,600*	70
75	73.3	228.4	39,300 *	75.4	227.0	35,500*	77.6	223.8	29,600*	75
80	72.0	226.7	38,700 *	74.1	225.3	35,000*	76.3	222.1	28,700*	80
85	70.7	224.9	37,100 *	72.8	223.5	34,500*	74.9	220.2	27,900*	85
90	69.4	223.0	34,000 *	71.5	221.5	34,100*	73.6	218.2	27,100*	90
100	66.7	218.7	28,800 *	68.8	217.2	29,800 *	70.8	213.8	25,700*	100
110	63.9	213.8	24,700 *	66.0	212.3	25,500 *	68.0	208.9	24,500*	110
120	61.1	208.4	21,300 *	63.2	206.8	22,000 *	65.1	203.3	22,400*	120
130	58.2	202.2	18,400 *	60.2	200.6	19,100 *	62.2	196.9	19,700 *	130
140	55.2	195.3	16,000 *	57.2	193.6	16,600 *	59.1	189.9	17,100 *	140
150	52.1	187.6	13,900 *	54.1	185.9	14,400 *	55.9	181.9	14,900 *	150
160	48.9	179.0	12,100 *	50.8	177.1	12,500 *	52.5	173.0	13,000 *	160
170	45.4	169.3	10,500 *	47.3	167.3	10,900 *	48.9	162.9	11,200 *	170
180	41.8	158.4	9,100 *	43.6	156.2	9,400 *	45.1	151.5	9,700 *	180
190	37.8	145.8	7,800 *	39.6	143.5	8,100 *				190
200	33.4	131.2	6,700 *	35.1	128.5	6,900 *				200
210	28.4	113.6	5,600 *							210
220	22.4	91.3	4,600 *							220

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
190 Ft. BOOM										
50	80.1	245.2	42,100 *							50
55	78.9	244.2	41,500 *	81.0	242.7	37,700*				55
60	77.7	243.0	40,900 *	79.8	241.6	37,200*				60
65	76.5	241.8	40,400 *	78.5	240.3	36,600*	80.7	237.2	32,000*	65
70	75.3	240.4	39,800 *	77.3	238.9	36,100*	79.4	235.8	31,000*	70
75	74.0	238.9	39,300 *	76.1	237.4	35,700*	78.1	234.2	30,000*	75
80	72.8	237.3	38,800 *	74.8	235.8	35,200*	76.9	232.6	29,100*	80
85	71.5	235.6	36,600	73.6	234.1	34,800*	75.6	230.8	28,300*	85
90	70.3	233.7	33,500	72.3	232.2	34,300*	74.3	229.0	27,500*	90
100	67.7	229.6	28,300	69.7	228.1	29,400	71.7	224.8	26,100*	100
110	65.1	225.0	24,100	67.1	223.5	25,100	69.0	220.1	24,900*	110
120	62.4	219.8	20,700	64.4	218.2	21,500	66.3	214.7	22,200*	120
130	59.7	214.0	17,900	61.6	212.4	18,600	63.5	208.8	19,300	130
140	56.9	207.6	15,400	58.8	205.9	16,100	60.6	202.1	16,700	140
150	54.0	200.4	13,300	55.9	198.6	13,900	57.6	194.7	14,500	150
160	50.9	192.3	11,500	52.8	190.5	12,000	54.5	186.5	12,500	160
170	47.8	183.4	9,900	49.6	181.4	10,400	51.2	177.2	10,800	170
180	44.4	173.3	8,500	46.2	171.3	8,900	47.7	166.8	9,200	180
190	40.8	162.0	7,300	42.6	159.8	7,600	44.0	154.9	7,900	190
200	36.9	149.1	6,100	38.6	146.6	6,400				200
210	32.7	134.0	5,100	34.3	131.3	5,300				210
220	27.8	116.0	4,100							220



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
200 Ft. BOOM										
50	80.5	255.4	41,800 *							50
55	79.4	254.4	41,300 *							55
60	78.2	253.3	40,700 *	80.2	251.8	37,400*				60
65	77.0	252.1	40,200 *	79.0	250.6	36,900*				65
70	75.9	250.8	39,700 *	77.8	249.3	36,400*	79.8	246.1	31,300*	70
75	74.7	249.4	39,200 *	76.6	247.9	35,900*	78.6	244.7	30,400*	75
80	73.5	247.8	38,700 *	75.4	246.3	35,400*	77.4	243.1	29,500*	80
85	72.3	246.2	36,300	74.2	244.7	35,000*	76.2	241.4	28,700*	85
90	71.1	244.4	33,200	73.0	242.9	34,000*	75.0	239.6	27,900*	90
100	68.6	240.5	28,000	70.6	239.0	29,100	72.5	235.6	26,500*	100
110	66.2	236.1	23,800	68.1	234.6	24,800	69.9	231.1	24,300*	110
120	63.6	231.2	20,400	65.5	229.6	21,300	67.4	226.1	21,400*	120
130	61.0	225.7	17,500	62.9	224.0	18,300	64.7	220.5	18,800*	130
140	58.4	219.6	15,100	60.2	217.9	15,800	62.0	214.2	16,400	140
150	55.6	212.8	13,000	57.5	211.0	13,600	59.2	207.2	14,200	150
160	52.8	205.3	11,200	54.6	203.5	11,700	56.2	199.5	12,200	160
170	49.8	196.9	9,600	51.6	195.0	10,100	53.2	190.9	10,500	170
180	46.7	187.6	8,200	48.5	185.6	8,600	50.0	181.3	9,000	180
190	43.4	177.2	6,900	45.1	175.1	7,300	46.6	170.5	7,600	190
200	39.9	165.6	5,800	41.6	163.3	6,100				200
210	36.2	152.2	4,800 *	37.8	149.8	5,000				210
220				33.5	134.0	4,000*				220
210 Ft. BOOM										
50	80.9	265.5	41,300 *							50
55	79.8	264.6	40,800 *							55
60	78.7	263.5	40,300 *	80.6	262.1	37,400*				60
65	77.5	262.4	39,800 *	79.4	260.9	36,900*				65
70	76.4	261.1	39,300 *	78.3	259.7	36,400*	80.3	256.4	31,600*	70
75	75.3	259.8	37,000	77.2	258.3	36,000*	79.1	255.0	30,700*	75
80	74.1	258.3	33,100	76.0	256.8	35,000	77.9	253.5	29,900*	80
85	73.0	256.7	29,600	74.9	255.2	31,500	76.8	251.9	29,100*	85
90	71.8	255.0	26,600	73.7	253.5	28,300	75.6	250.2	28,300*	90
100	69.5	251.3	21,600	71.4	249.8	23,100	73.2	246.4	24,600	100
110	67.1	247.1	17,600	69.0	245.5	18,900	70.8	242.1	20,200	110
120	64.7	242.4	14,300	66.5	240.8	15,500	68.3	237.3	16,600	120
130	62.2	237.2	11,500	64.1	235.5	12,600	65.8	232.0	13,600	130
140	59.7	231.4	9,200	61.5	229.7	10,100	63.2	226.0	11,000	140
150	57.1	224.9	7,100	58.9	223.2	8,000	60.5	219.4	8,800	150
160	54.4	217.9	5,400	56.2	216.1	6,100	57.8	212.2	6,800	160
170				53.4	208.2	4,500	54.9	204.1	5,100	170



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

50 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
220 Ft. BOOM										
55	80.2	274.8	40,500 *							55
60	79.1	273.8	40,000 *	80.9	272.3	37,600*				60
65	78.0	272.7	39,500 *	79.8	271.2	37,100*				65
70	76.9	271.5	39,000 *	78.8	270.0	36,600*	80.6	266.7	31,900*	70
75	75.8	270.1	36,500	77.7	268.7	36,200*	79.5	265.4	31,000*	75
80	74.7	268.7	32,600	76.6	267.2	34,600	78.4	264.0	30,200*	80
85	73.6	267.2	29,100	75.4	265.7	31,000	77.3	262.4	29,400*	85
90	72.5	265.6	26,100	74.3	264.1	27,900	76.2	260.8	28,700*	90
100	70.3	262.0	21,100	72.1	260.5	22,700	73.9	257.1	24,200	100
110	68.0	258.0	17,100	69.8	256.4	18,400	71.6	253.0	19,800	110
120	65.7	253.5	13,700	67.5	251.9	15,000	69.2	248.4	16,200	120
130	63.4	248.5	11,000	65.1	246.9	12,100	66.8	243.3	13,100	130
140	61.0	243.0	8,600	62.7	241.3	9,600	64.3	237.7	10,500	140
150	58.5	236.9	6,600	60.2	235.2	7,500	61.8	231.5	8,300	150
160	56.0	230.2	4,800	57.7	228.4	5,600	59.2	224.6	6,300	160
170				55.0	221.0	4,000	56.5	217.0	4,600	170
230 Ft. BOOM										
55	80.5	285.0	40,100 *							55
60	79.5	284.0	39,600 *							60
65	78.4	282.9	39,200 *	80.2	281.4	37,100*				65
70	77.4	281.8	38,700 *	79.2	280.3	36,800*	81.0	277.0	32,200*	70
75	76.3	280.5	36,000	78.1	279.0	36,400*	79.9	275.7	31,300*	75
80	75.3	279.1	32,100	77.0	277.6	34,200	78.8	274.3	30,500*	80
85	74.2	277.7	28,700	76.0	276.2	30,600	77.8	272.9	29,700*	85
90	73.2	276.1	25,600	74.9	274.6	27,500	76.7	271.3	29,000*	90
100	71.0	272.7	20,600	72.8	271.1	22,200	74.5	267.8	23,800	100
110	68.8	268.8	16,600	70.6	267.3	18,000	72.3	263.8	19,400	110
120	66.6	264.5	13,200	68.3	262.9	14,500	70.0	259.5	15,800	120
130	64.4	259.8	10,500	66.1	258.1	11,600	67.7	254.6	12,700	130
140	62.1	254.5	8,100	63.8	252.8	9,100	65.4	249.2	10,100	140
150	59.7	248.7	6,100	61.4	247.0	7,000	63.0	243.3	7,900	150
160	57.3	242.3	4,300	59.0	240.6	5,100	60.5	236.8	5,900	160
170							58.0	229.6	4,200	170



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
80 Ft. BOOM										
35	79.3	146.2	35,300 *							35
40	77.2	145.0	34,300 *							40
45	75.1	143.6	33,400 *	79.8	142.7	28,800*				45
50	73.0	142.0	32,500 *	77.7	141.1	28,100*				50
55	70.9	140.1	31,700 *	75.5	139.3	27,400*	80.0	136.5	25,400*	55
60	68.7	138.1	30,900 *	73.3	137.2	26,800*	77.7	134.4	24,900*	60
65	66.5	135.8	30,100 *	71.1	135.0	26,200*	75.4	132.1	24,000*	65
70	64.2	133.3	29,300 *	68.8	132.5	25,600*	73.1	129.5	22,700*	70
75	61.9	130.5	28,600 *	66.5	129.7	25,100*	70.7	126.7	21,600*	75
80	59.6	127.4	27,900 *	64.1	126.7	24,600*	68.3	123.6	20,700*	80
85	57.1	124.1	27,200 *	61.7	123.4	24,100*	65.8	120.2	19,800*	85
90	54.6	120.4	26,600 *	59.2	119.7	23,600*	63.2	116.4	19,000*	90
100	49.4	112.0	25,500 *	53.9	111.3	22,400*	57.7	107.8	17,600*	100
110	43.6	101.8	23,600 *	48.1	101.1	20,600*	51.7	97.2	16,400*	110
120	37.1	89.1	21,500 *	41.5	88.5	19,000*	44.8	83.8	15,500*	120
130	29.3	72.5	19,800 *	33.6	71.8	17,800*				130
90 Ft. BOOM										
35	80.0	156.5	35,700 *							35
40	78.1	155.3	34,700 *							40
45	76.1	154.0	33,800 *	80.5	153.0	29,000*				45
50	74.2	152.5	33,000 *	78.5	151.5	28,400*				50
55	72.2	150.8	32,200 *	76.5	149.9	27,700*	80.7	147.0	25,600*	55
60	70.2	148.9	31,400 *	74.5	148.0	27,100*	78.6	145.1	25,100*	60
65	68.1	146.8	30,700 *	72.4	145.9	26,500*	76.5	142.9	24,600*	65
70	66.1	144.5	29,900 *	70.4	143.6	26,000*	74.4	140.6	23,400*	70
75	63.9	141.9	29,200 *	68.2	141.1	25,400*	72.2	138.0	22,300*	75
80	61.8	139.2	28,500 *	66.1	138.3	25,000*	70.0	135.2	21,300*	80
85	59.6	136.1	27,900 *	63.8	135.3	24,500*	67.7	132.1	20,400*	85
90	57.3	132.8	27,200 *	61.6	132.0	24,100*	65.4	128.7	19,600*	90
100	52.6	125.3	26,100 *	56.8	124.5	23,200*	60.5	121.0	18,200*	100
110	47.6	116.3	25,100 *	51.7	115.5	21,700*	55.2	111.7	17,000*	110
120	42.0	105.5	23,100 *	46.2	104.8	20,100*	49.4	100.5	16,100*	120
130	35.7	92.2	21,200 *	39.8	91.4	18,700*	42.7	86.4	15,300*	130
140	28.2	74.9	19,200 *	32.2	74.1	17,600*				140



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. BOOM										
35	80.6	166.7	36,000 *							35
40	78.8	165.6	35,100 *							40
45	77.0	164.4	34,200 *							45
50	75.2	163.0	33,400 *	79.3	161.9	28,600*				50
55	73.3	161.4	32,600 *	77.4	160.4	28,000*				55
60	71.5	159.6	31,900 *	75.5	158.6	27,400*	79.4	155.6	25,200*	60
65	69.6	157.7	31,200 *	73.6	156.7	26,800*	77.4	153.6	24,800*	65
70	67.6	155.5	30,500 *	71.7	154.6	26,300*	75.5	151.5	24,000*	70
75	65.7	153.2	29,800 *	69.7	152.2	25,800*	73.4	149.1	22,900*	75
80	63.7	150.6	29,100 *	67.7	149.7	25,300*	71.4	146.5	21,900*	80
85	61.7	147.8	28,500 *	65.7	146.9	24,900*	69.3	143.6	21,000*	85
90	59.6	144.8	27,900 *	63.6	143.9	24,400*	67.2	140.5	20,200*	90
100	55.3	137.9	26,700 *	59.3	137.1	23,600*	62.8	133.5	18,800*	100
110	50.8	129.9	25,700 *	54.7	129.1	22,700*	58.1	125.3	17,600*	110
120	45.9	120.4	24,100	49.8	119.6	21,100*	53.0	115.5	16,600*	120
130	40.6	109.1	21,300	44.4	108.2	19,700*	47.4	103.7	15,800*	130
140	34.5	95.2	18,900	38.3	94.3	18,500*				140
150	27.3	77.2	16,700	31.0	76.2	17,100				150
110 Ft. BOOM										
40	79.5	175.9	35,400 *							40
45	77.8	174.7	34,600 *							45
50	76.1	173.4	33,800 *	79.9	172.3	28,800*				50
55	74.3	171.9	33,100 *	78.2	170.8	28,200*				55
60	72.6	170.2	32,300 *	76.4	169.2	27,700*	80.0	166.1	25,400*	60
65	70.8	168.4	31,700 *	74.6	167.4	27,100*	78.2	164.3	25,000*	65
70	69.0	166.4	31,000 *	72.8	165.4	26,600*	76.4	162.2	24,500*	70
75	67.2	164.2	30,300 *	71.0	163.2	26,100*	74.5	160.0	23,400*	75
80	65.4	161.8	29,700 *	69.1	160.9	25,700*	72.6	157.6	22,500*	80
85	63.5	159.3	29,000 *	67.3	158.3	25,200*	70.7	155.0	21,600*	85
90	61.6	156.5	28,400 *	65.3	155.5	24,800*	68.7	152.1	20,800*	90
100	57.7	150.2	27,300 *	61.4	149.3	24,000*	64.7	145.7	19,400*	100
110	53.5	142.9	26,300 *	57.2	142.0	23,200*	60.4	138.2	18,200*	110
120	49.2	134.4	23,800	52.8	133.5	22,000*	55.9	129.5	17,200*	120
130	44.5	124.4	21,000	48.1	123.5	20,600*	51.0	119.1	16,300*	130
140	39.3	112.5	18,600	42.9	111.6	19,000	45.5	106.8	15,600*	140
150	33.4	98.1	16,500	37.0	97.1	16,900				150
160	26.4	79.4	14,600							160



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. BOOM										
40	80.1	186.1	35,700 *							40
45	78.5	185.0	34,900 *							45
50	76.9	183.7	34,200 *	80.5	182.6	29,000*				50
55	75.2	182.3	33,400 *	78.8	181.2	28,500*				55
60	73.6	180.8	32,700 *	77.2	179.7	27,900*	80.6	176.5	25,500*	60
65	71.9	179.1	32,100 *	75.5	178.0	27,400*	78.9	174.8	25,100*	65
70	70.2	177.2	31,500 *	73.8	176.1	26,900*	77.2	172.9	24,700*	70
75	68.5	175.1	30,900 *	72.1	174.1	26,400*	75.5	170.8	23,900*	75
80	66.8	172.9	30,200 *	70.4	171.9	26,000*	73.7	168.6	23,000*	80
85	65.1	170.5	29,600 *	68.6	169.5	25,500*	71.9	166.1	22,100*	85
90	63.3	167.9	29,000 *	66.8	166.9	25,100*	70.1	163.5	21,300*	90
100	59.7	162.1	27,900 *	63.2	161.1	24,300*	66.3	157.6	19,900*	100
110	55.9	155.4	26,900 *	59.4	154.4	23,600*	62.4	150.7	18,700*	110
120	51.9	147.6	23,600	55.4	146.7	22,900*	58.3	142.8	17,700*	120
130	47.7	138.7	20,700	51.1	137.7	21,300	53.9	133.5	16,800*	130
140	43.1	128.2	18,300	46.5	127.3	18,800	49.2	122.7	16,000*	140
150	38.1	115.9	16,200	41.5	114.9	16,700	43.9	109.8	15,400*	150
160	32.4	100.8	14,400	35.7	99.8	14,800				160
170	25.6	81.5	12,800							170
130 Ft. BOOM										
40	80.6	196.3	36,000 *							40
45	79.1	195.2	35,200 *							45
50	77.6	194.0	34,500 *	81.0	192.9	29,200*				50
55	76.0	192.7	33,800 *	79.4	191.6	28,700*				55
60	74.5	191.3	33,100 *	77.9	190.1	28,100*				60
65	72.9	189.6	32,500 *	76.3	188.5	27,600*	79.5	185.3	25,200*	65
70	71.3	187.9	31,900 *	74.7	186.8	27,100*	77.9	183.5	24,900*	70
75	69.7	186.0	31,300 *	73.1	184.9	26,700*	76.3	181.6	24,400*	75
80	68.1	183.9	30,700 *	71.5	182.8	26,200*	74.6	179.4	23,500*	80
85	66.5	181.6	30,100 *	69.8	180.6	25,800*	73.0	177.2	22,600*	85
90	64.8	179.2	29,500 *	68.2	178.1	25,400*	71.3	174.7	21,800*	90
100	61.4	173.8	28,400 *	64.8	172.7	24,700*	67.8	169.2	20,400*	100
110	57.9	167.5	26,600	61.2	166.5	24,000*	64.2	162.8	19,200*	110
120	54.2	160.4	23,200	57.5	159.4	23,300*	60.4	155.5	18,200*	120
130	50.4	152.2	20,400	53.7	151.3	21,100	56.4	147.1	17,300*	130
140	46.3	142.9	18,000	49.5	141.9	18,600	52.1	137.4	16,500*	140
150	41.9	132.0	15,900	45.1	130.9	16,400	47.5	126.1	15,800*	150
160	37.0	119.1	14,100	40.2	118.1	14,500	42.4	112.7	14,800	160
170	31.5	103.5	12,500	34.6	102.4	12,800				170
180	24.9	83.6	11,000							180

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. BOOM										
45	79.6	205.4	35,500 *							45
50	78.2	204.3	34,800 *							50
55	76.7	203.1	34,100 *	80.0	201.9	28,800*				55
60	75.3	201.7	33,500 *	78.5	200.5	28,300*				60
65	73.8	200.2	32,800 *	77.0	199.0	27,800*	80.1	195.7	25,400*	65
70	72.3	198.5	32,200 *	75.5	197.4	27,400*	78.6	194.0	25,000*	70
75	70.8	196.7	31,700 *	74.0	195.6	26,900*	77.0	192.2	24,700*	75
80	69.2	194.7	31,100 *	72.5	193.6	26,500*	75.5	190.2	23,900*	80
85	67.7	192.6	30,500 *	70.9	191.5	26,100*	73.9	188.1	23,100*	85
90	66.2	190.3	30,000 *	69.4	189.2	25,700*	72.3	185.7	22,300*	90
100	63.0	185.2	28,900 *	66.2	184.2	25,000*	69.0	180.6	20,900*	100
110	59.7	179.4	26,200	62.9	178.4	24,300*	65.7	174.7	19,700*	110
120	56.3	172.8	22,800	59.4	171.8	23,600*	62.2	167.9	18,600*	120
130	52.7	165.3	20,000	55.9	164.3	20,700	58.5	160.2	17,700*	130
140	49.0	156.7	17,600	52.1	155.7	18,200	54.6	151.4	16,900*	140
150	45.0	146.9	15,500	48.1	145.9	16,000	50.5	141.3	16,200*	150
160	40.8	135.6	13,700	43.8	134.5	14,200	46.0	129.5	14,500	160
170	36.0	122.3	12,100	39.0	121.2	12,500				170
180	30.7	106.2	10,600	33.6	105.0	11,000				180
190	24.2	85.6	9,300							190



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
150 Ft. BOOM										
45	80.1	215.7	35,800 *							45
50	78.8	214.6	35,100 *							50
55	77.4	213.4	34,400 *	80.5	212.2	29,000*				55
60	76.0	212.1	33,800 *	79.1	210.9	28,500*				60
65	74.6	210.6	33,200 *	77.7	209.4	28,000*	80.6	206.1	25,500*	65
70	73.1	209.1	32,600 *	76.2	207.9	27,600*	79.1	204.5	25,100*	70
75	71.7	207.3	32,000 *	74.8	206.2	27,200*	77.7	202.8	24,800*	75
80	70.3	205.5	31,500 *	73.3	204.3	26,700*	76.2	200.9	24,400*	80
85	68.8	203.5	31,000 *	71.9	202.3	26,300*	74.7	198.9	23,500*	85
90	67.4	201.3	30,400 *	70.4	200.2	26,000*	73.2	196.7	22,800*	90
100	64.4	196.5	29,300 *	67.4	195.4	25,200*	70.1	191.8	21,400*	100
110	61.3	191.1	25,900	64.3	190.0	24,600*	67.0	186.3	20,100*	110
120	58.1	184.9	22,500	61.1	183.8	23,400	63.7	180.0	19,100*	120
130	54.8	177.9	19,600	57.8	176.8	20,400	60.3	172.8	18,200*	130
140	51.4	170.0	17,200	54.3	168.9	17,900	56.8	164.7	17,300*	140
150	47.7	161.1	15,100	50.7	160.0	15,700	53.0	155.5	16,200	150
160	43.9	150.8	13,300	46.8	149.8	13,900	49.0	145.0	14,300	160
170	39.7	139.1	11,700	42.6	138.0	12,200	44.6	132.7	12,500	170
180	35.1	125.3	10,300	37.9	124.2	10,700				180
190	29.9	108.7	9,000	32.7	107.5	9,400				190
200	23.6	87.6	7,900							200



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. BOOM										
45	80.6	225.8	36,000 *							45
50	79.3	224.8	35,300 *							50
55	77.9	223.7	34,700 *	80.9	222.4	29,200*				55
60	76.6	222.4	34,100 *	79.6	221.2	28,700*				60
65	75.3	221.1	33,500 *	78.2	219.8	28,200*				65
70	73.9	219.6	32,900 *	76.9	218.3	27,800*	79.7	214.9	25,200*	70
75	72.6	217.9	32,400 *	75.5	216.7	27,400*	78.3	213.3	24,900*	75
80	71.2	216.2	31,800 *	74.1	215.0	27,000*	76.9	211.5	24,600*	80
85	69.8	214.3	31,300 *	72.8	213.1	26,600*	75.5	209.6	23,900*	85
90	68.4	212.2	30,800 *	71.4	211.0	26,200*	74.0	207.5	23,200*	90
100	65.6	207.7	29,700	68.5	206.5	25,500*	71.1	202.9	21,800*	100
110	62.7	202.6	25,600	65.6	201.4	24,800*	68.2	197.7	20,600*	110
120	59.7	196.8	22,200	62.6	195.6	23,100	65.1	191.8	19,500*	120
130	56.6	190.2	19,300	59.5	189.1	20,200	61.9	185.1	18,600*	130
140	53.4	182.9	16,900	56.3	181.8	17,700	58.7	177.6	17,700*	140
150	50.1	174.6	14,800	52.9	173.5	15,500	55.2	169.1	16,000	150
160	46.6	165.3	13,000	49.3	164.2	13,600	51.5	159.5	14,100	160
170	42.8	154.7	11,400	45.6	153.5	11,900	47.6	148.6	12,300	170
180	38.7	142.5	10,000	41.5	141.3	10,500	43.4	135.9	10,800	180
190	34.3	128.3	8,800	36.9	127.1	9,100				190
200	29.2	111.2	7,600	31.8	109.9	7,900				200
210	23.0	89.5	6,600							210



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. BOOM										
45	81.0	236.0	36,300 *							45
50	79.7	235.0	35,600 *							50
55	78.5	234.0	35,000 *							55
60	77.2	232.8	34,400 *	80.0	231.5	28,900*				60
65	75.9	231.4	33,800 *	78.8	230.2	28,400*				65
70	74.6	230.0	33,200 *	77.5	228.8	28,000*	80.1	225.3	25,400*	70
75	73.4	228.5	32,700 *	76.2	227.2	27,600*	78.8	223.7	25,100*	75
80	72.1	226.8	32,200 *	74.9	225.6	27,200*	77.5	222.0	24,800*	80
85	70.7	225.0	31,700 *	73.5	223.8	26,800*	76.1	220.2	24,300*	85
90	69.4	223.0	31,200 *	72.2	221.8	26,400*	74.8	218.3	23,600*	90
100	66.7	218.7	29,400	69.5	217.6	25,700*	72.0	213.9	22,200*	100
110	64.0	213.9	25,200	66.8	212.7	25,100*	69.2	209.0	21,000*	110
120	61.2	208.4	21,800	63.9	207.2	22,800	66.4	203.4	19,900*	120
130	58.3	202.3	19,000	61.0	201.1	19,900	63.4	197.2	19,000*	130
140	55.3	195.4	16,600	58.0	194.2	17,300	60.3	190.1	17,600*	140
150	52.2	187.7	14,500	54.9	186.6	15,200	57.1	182.3	15,700*	150
160	48.9	179.1	12,700	51.6	177.9	13,300	53.7	173.4	13,800	160
170	45.5	169.4	11,100	48.1	168.2	11,600	50.2	163.4	12,100	170
180	41.8	158.4	9,700	44.4	157.2	10,200	46.4	152.1	10,500	180
190	37.8	145.8	8,400	40.4	144.6	8,800	42.2	139.0	9,100	190
200	33.5	131.2	7,300	36.0	129.9	7,600				200
210	28.5	113.7	6,200	31.0	112.3	6,500				210
220	22.5	91.4	5,300							220



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. BOOM										
50	80.2	245.2	35,800 *							50
55	79.0	244.2	35,200 *							55
60	77.7	243.1	34,600 *	80.5	241.8	29,000*				60
65	76.5	241.8	34,000 *	79.2	240.5	28,600*				65
70	75.3	240.4	33,500 *	78.0	239.2	28,200*	80.6	235.7	25,500*	70
75	74.1	238.9	33,000 *	76.8	237.7	27,800*	79.3	234.2	25,200*	75
80	72.8	237.3	32,500 *	75.5	236.1	27,400*	78.0	232.5	24,900*	80
85	71.6	235.6	32,000 *	74.3	234.4	27,000*	76.8	230.8	24,600*	85
90	70.3	233.8	31,500 *	73.0	232.5	26,600*	75.5	228.9	23,900*	90
100	67.8	229.7	29,000	70.4	228.5	26,000*	72.9	224.8	22,600*	100
110	65.1	225.1	24,800	67.8	223.9	25,300*	70.2	220.1	21,400*	110
120	62.5	219.9	21,400	65.1	218.7	22,500	67.5	214.9	20,300*	120
130	59.7	214.1	18,600	62.4	212.9	19,500	64.7	209.0	19,300*	130
140	56.9	207.6	16,200	59.5	206.4	17,000	61.8	202.4	17,100*	140
150	54.0	200.4	14,100	56.6	199.2	14,800	58.8	195.0	15,200*	150
160	51.0	192.4	12,300	53.5	191.2	12,900	55.7	186.8	13,400*	160
170	47.8	183.4	10,700	50.4	182.3	11,300	52.4	177.6	11,700	170
180	44.4	173.4	9,300	47.0	172.2	9,800	48.9	167.2	10,200	180
190	40.9	162.0	8,000	43.4	160.8	8,500	45.2	155.5	8,800	190
200	37.0	149.1	6,900	39.5	147.9	7,300				200
210	32.7	134.1	5,800	35.2	132.7	6,200				210
220	27.9	116.1	4,900							220
230	22.0	93.3	4,000							230



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
190 Ft. BOOM										
50	80.6	255.4	35,900 *							50
55	79.4	254.4	35,400 *							55
60	78.2	253.3	34,900 *	80.9	252.0	29,100*				60
65	77.1	252.1	34,300 *	79.7	250.8	28,700*				65
70	75.9	250.8	33,700 *	78.5	249.5	28,300*	81.0	246.0	25,500*	70
75	74.7	249.4	33,200 *	77.3	248.1	27,900*	79.8	244.6	25,300*	75
80	73.5	247.9	32,700 *	76.1	246.6	27,500*	78.5	243.0	25,000*	80
85	72.3	246.2	32,300 *	74.9	244.9	27,200*	77.3	241.3	24,700*	85
90	71.1	244.4	31,800 *	73.7	243.2	26,800*	76.1	239.6	24,300*	90
100	68.7	240.5	28,500	71.3	239.3	26,200*	73.6	235.6	22,900*	100
110	66.2	236.1	24,300	68.8	234.9	25,500*	71.1	231.2	21,700*	110
120	63.7	231.2	20,900	66.2	230.0	22,000	68.5	226.2	20,700*	120
130	61.1	225.7	18,100	63.6	224.5	19,000	65.8	220.6	19,100*	130
140	58.4	219.6	15,600	60.9	218.4	16,500	63.1	214.4	16,900*	140
150	55.7	212.8	13,500	58.2	211.6	14,300	60.3	207.4	15,000*	150
160	52.8	205.3	11,700	55.3	204.1	12,400	57.4	199.8	13,000	160
170	49.9	197.0	10,100	52.3	195.8	10,800	54.3	191.2	11,300	170
180	46.8	187.7	8,700	49.2	186.5	9,300	51.1	181.7	9,700	180
190	43.5	177.3	7,500	45.9	176.1	8,000	47.7	171.0	8,300	190
200	40.0	165.6	6,300	42.4	164.4	6,800	44.1	158.9	7,100	200
210	36.2	152.3	5,300	38.6	151.0	5,700				210
220	32.0	136.9	4,300	34.3	135.5	4,700				220



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
200 Ft. BOOM										
50	80.9	265.6	35,600 *							50
55	79.8	264.6	35,100 *							55
60	78.7	263.6	34,700 *							60
65	77.6	262.4	34,200 *	80.1	261.1	28,900*				65
70	76.4	261.2	33,800 *	79.0	259.8	28,500*				70
75	75.3	259.8	33,300 *	77.8	258.5	28,100*	80.2	254.9	25,400*	75
80	74.2	258.3	32,900 *	76.7	257.0	27,700*	79.0	253.4	25,100*	80
85	73.0	256.7	30,300	75.5	255.5	27,400*	77.8	251.8	24,800*	85
90	71.9	255.1	27,300	74.4	253.8	27,000*	76.7	250.1	24,600*	90
100	69.5	251.3	22,300	72.0	250.1	24,200	74.3	246.4	23,300*	100
110	67.2	247.1	18,300	69.6	245.9	19,900	71.9	242.1	21,500	110
120	64.8	242.4	15,000	67.2	241.2	16,500	69.4	237.3	17,800	120
130	62.3	237.2	12,200	64.7	236.0	13,500	66.9	232.0	14,700	130
140	59.8	231.4	9,800	62.2	230.2	11,000	64.3	226.1	12,100	140
150	57.2	225.0	7,800	59.6	223.8	8,900	61.6	219.6	9,800	150
160	54.5	217.9	6,000	56.9	216.7	7,000	58.9	212.4	7,900	160
170	51.7	210.1	4,500	54.1	208.9	5,400	56.0	204.4	6,100	170
180							53.0	195.5	4,600	180
210 Ft. BOOM										
55	80.2	274.8	34,800 *							55
60	79.1	273.8	34,400 *							60
65	78.0	272.7	33,900 *	80.5	271.3	28,900*				65
70	77.0	271.5	33,500 *	79.4	270.1	28,500*				70
75	75.9	270.2	33,100 *	78.3	268.8	28,200*	80.6	265.2	25,400*	75
80	74.8	268.8	32,600 *	77.2	267.4	27,800*	79.4	263.8	25,100*	80
85	73.7	267.2	29,900	76.1	265.9	27,500*	78.3	262.3	24,900*	85
90	72.6	265.6	26,900	75.0	264.3	27,100*	77.2	260.6	24,600*	90
100	70.3	262.1	21,900	72.7	260.8	23,800	74.9	257.0	23,600*	100
110	68.1	258.0	17,800	70.4	256.8	19,600	72.6	253.0	21,100	110
120	65.8	253.5	14,500	68.1	252.3	16,100	70.2	248.4	17,500	120
130	63.4	248.5	11,700	65.7	247.3	13,100	67.8	243.4	14,400	130
140	61.0	243.0	9,400	63.3	241.8	10,600	65.4	237.8	11,700	140
150	58.5	236.9	7,400	60.9	235.7	8,500	62.9	231.6	9,500	150
160	56.0	230.2	5,600	58.3	229.0	6,600	60.3	224.7	7,500	160
170	53.4	222.9	4,100	55.7	221.6	5,000	57.6	217.2	5,800	170
180							54.8	208.9	4,200	180



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

60 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
220 Ft. BOOM										
55	80.5	285.0	34,500 *							55
60	79.5	284.0	34,100 *							60
65	78.5	282.9	33,700 *	80.8	281.6	29,100*				65
70	77.4	281.8	33,300 *	79.8	280.4	28,700*				70
75	76.4	280.5	32,900 *	78.7	279.2	28,300*	80.9	275.5	25,500*	75
80	75.3	279.2	32,500 *	77.7	277.8	28,000*	79.8	274.2	25,200*	80
85	74.3	277.7	29,400	76.6	276.4	27,600*	78.8	272.7	25,000*	85
90	73.2	276.1	26,400	75.5	274.8	27,300*	77.7	271.1	24,700*	90
100	71.1	272.7	21,300	73.4	271.4	23,400	75.5	267.7	23,900*	100
110	68.9	268.9	17,300	71.2	267.6	19,100	73.3	263.8	20,700	110
120	66.7	264.6	14,000	69.0	263.3	15,600	71.0	259.4	17,000	120
130	64.4	259.8	11,200	66.7	258.5	12,600	68.7	254.6	13,900	130
140	62.1	254.5	8,800	64.4	253.3	10,100	66.4	249.2	11,300	140
150	59.8	248.7	6,800	62.0	247.5	8,000	64.0	243.4	9,000	150
160	57.4	242.4	5,000	59.6	241.1	6,100	61.5	236.9	7,000	160
170				57.1	234.1	4,500	59.0	229.8	5,300	170



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
80 Ft. BOOM										
35	80.2	156.7	27,200 *							35
40	78.2	155.6	26,700 *							40
45	76.3	154.3	26,000 *	81.0	153.2	24,100*				45
50	74.3	152.8	25,300 *	79.0	151.7	23,500*				50
55	72.3	151.2	24,700 *	77.0	150.0	23,000*				55
60	70.3	149.3	24,000 *	75.0	148.1	22,500*	79.9	145.3	20,900*	60
65	68.3	147.3	23,500 *	72.9	146.1	21,900*	77.8	143.1	20,400*	65
70	66.2	145.0	22,900 *	70.9	143.8	21,400*	75.7	140.8	20,000*	70
75	64.1	142.5	22,400 *	68.7	141.2	21,000*	73.5	138.2	19,400*	75
80	62.0	139.7	21,800 *	66.6	138.5	20,500*	71.3	135.4	18,400*	80
85	59.8	136.8	21,300 *	64.4	135.5	20,100*	69.0	132.3	17,600*	85
90	57.5	133.5	20,800 *	62.1	132.2	19,600*	66.7	128.9	16,800*	90
100	52.9	126.1	19,900 *	57.3	124.7	18,800*	61.8	121.2	15,500*	100
110	47.8	117.3	19,000 *	52.3	115.7	18,100*	56.6	112.0	14,300*	110
120	42.4	106.7	18,200 *	46.7	105.0	16,800*	50.8	100.8	13,400*	120
130	36.2	93.7	17,500 *	40.4	91.7	15,600*	44.1	86.8	12,600*	130
140	28.8	76.8	16,800 *	32.8	74.4	14,600*				140
90 Ft. BOOM										
35	80.8	166.9	27,300 *							35
40	79.0	165.9	27,000 *							40
45	77.2	164.7	26,300 *							45
50	75.3	163.3	25,700 *	79.7	162.1	23,700*				50
55	73.5	161.7	25,000 *	77.9	160.5	23,200*				55
60	71.6	160.0	24,400 *	76.0	158.8	22,700*	80.6	155.8	21,000*	60
65	69.7	158.1	23,900 *	74.1	156.8	22,200*	78.6	153.8	20,600*	65
70	67.8	156.0	23,300 *	72.1	154.7	21,700*	76.7	151.6	20,200*	70
75	65.9	153.7	22,800 *	70.2	152.4	21,300*	74.7	149.3	19,800*	75
80	63.9	151.1	22,300 *	68.2	149.8	20,800*	72.6	146.7	19,000*	80
85	61.9	148.4	21,800 *	66.1	147.1	20,400*	70.5	143.8	18,100*	85
90	59.8	145.4	21,300 *	64.1	144.1	20,000*	68.4	140.7	17,400*	90
100	55.5	138.7	20,400 *	59.8	137.3	19,200*	64.0	133.7	16,000*	100
110	51.0	130.8	19,500 *	55.2	129.3	18,500*	59.3	125.5	14,900*	110
120	46.2	121.4	18,700 *	50.3	119.8	17,700*	54.2	115.7	13,900*	120
130	40.9	110.3	18,000 *	44.9	108.5	16,400*	48.6	103.9	13,100*	130
140	35.0	96.7	17,400 *	38.8	94.6	15,300*	42.2	89.3	12,500*	140
150	27.8	79.2	16,600 *	31.5	76.6	14,400*				150



Liftcrane Jib Capacities

Meets
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777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. BOOM										
40	79.6	176.1	27,100 *							40
45	77.9	175.0	26,600 *							45
50	76.2	173.7	26,000 *	80.3	172.4	23,900*				50
55	74.5	172.2	25,400 *	78.6	171.0	23,400*				55
60	72.7	170.6	24,800 *	76.8	169.3	22,900*				60
65	71.0	168.8	24,200 *	75.1	167.5	22,500*	79.4	164.4	20,700*	65
70	69.2	166.8	23,700 *	73.3	165.5	22,000*	77.5	162.4	20,300*	70
75	67.4	164.7	23,200 *	71.4	163.4	21,600*	75.7	160.2	20,000*	75
80	65.5	162.4	22,700 *	69.6	161.0	21,100*	73.8	157.7	19,500*	80
85	63.6	159.8	22,200 *	67.7	158.4	20,700*	71.8	155.1	18,600*	85
90	61.8	157.1	21,800 *	65.8	155.7	20,300*	69.9	152.3	17,900*	90
100	57.8	150.9	20,900 *	61.8	149.4	19,600*	65.8	145.9	16,500*	100
110	53.7	143.7	20,000 *	57.7	142.1	18,900*	61.6	138.4	15,400*	110
120	49.4	135.3	19,200 *	53.3	133.7	18,200*	57.0	129.6	14,400*	120
130	44.7	125.5	18,500 *	48.6	123.7	17,300*	52.1	119.3	13,600*	130
140	39.6	113.8	17,900 *	43.4	111.8	16,100*	46.7	107.0	12,900*	140
150	33.8	99.6	17,100	37.5	97.4	15,100*				150
160	27.0	81.5	15,200	30.3	78.6	14,300*				160
110 Ft. BOOM										
40	80.2	186.3	27,200 *							40
45	78.6	185.2	26,900 *							45
50	77.0	184.0	26,300 *	80.9	182.7	24,100*				50
55	75.3	182.7	25,700 *	79.3	181.4	23,600*				55
60	73.7	181.1	25,100 *	77.6	179.8	23,100*				60
65	72.0	179.5	24,600 *	75.9	178.1	22,700*	80.0	174.9	20,900*	65
70	70.4	177.6	24,100 *	74.2	176.3	22,300*	78.3	173.0	20,500*	70
75	68.7	175.6	23,600 *	72.5	174.2	21,800*	76.5	170.9	20,100*	75
80	67.0	173.4	23,100 *	70.8	172.0	21,400*	74.8	168.7	19,800*	80
85	65.2	171.0	22,600 *	69.0	169.6	21,000*	73.0	166.2	19,100*	85
90	63.4	168.5	22,200 *	67.3	167.1	20,600*	71.1	163.6	18,300*	90
100	59.8	162.7	21,300 *	63.6	161.3	19,900*	67.4	157.7	17,000*	100
110	56.1	156.1	20,500 *	59.8	154.6	19,200*	63.5	150.8	15,900*	110
120	52.1	148.5	19,700 *	55.8	146.9	18,600*	59.4	142.9	14,900*	120
130	47.9	139.6	19,000 *	51.5	137.9	18,000*	55.0	133.7	14,000*	130
140	43.4	129.4	18,300 *	47.0	127.5	16,900*	50.3	122.8	13,300*	140
150	38.4	117.2	16,700	41.9	115.1	15,800*	45.0	109.9	12,700*	150
160	32.8	102.5	14,900	36.2	100.1	15,000*				160
170	26.1	83.7	13,300							170

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. BOOM										
40	80.7	196.5	27,300 *							40
45	79.2	195.5	27,100 *							45
50	77.7	194.3	26,500 *							50
55	76.1	193.0	26,000 *	79.8	191.7	23,800*				55
60	74.6	191.6	25,400 *	78.3	190.3	23,300*				60
65	73.0	190.0	24,900 *	76.7	188.7	22,900*	80.6	185.3	21,000*	65
70	71.4	188.3	24,400 *	75.1	186.9	22,500*	78.9	183.6	20,600*	70
75	69.8	186.4	23,900 *	73.5	185.0	22,100*	77.3	181.6	20,300*	75
80	68.2	184.3	23,500 *	71.9	182.9	21,700*	75.6	179.5	20,000*	80
85	66.6	182.1	23,000 *	70.2	180.7	21,300*	74.0	177.2	19,500*	85
90	64.9	179.7	22,600 *	68.6	178.3	20,900*	72.3	174.8	18,800*	90
100	61.6	174.4	21,700 *	65.2	172.9	20,200*	68.8	169.2	17,500*	100
110	58.1	168.2	20,900 *	61.6	166.7	19,500*	65.2	162.9	16,300*	110
120	54.4	161.2	20,200 *	57.9	159.6	18,900*	61.4	155.6	15,300*	120
130	50.6	153.1	19,400 *	54.1	151.4	18,300*	57.4	147.2	14,500*	130
140	46.5	143.9	18,500	50.0	142.0	17,600*	53.2	137.5	13,700*	140
150	42.2	133.1	16,500	45.5	131.1	16,600*	48.5	126.2	13,100*	150
160	37.4	120.5	14,600	40.6	118.3	15,000	43.4	112.8	12,600*	160
170	31.9	105.2	13,000	35.1	102.7	13,400				170
180	25.4	85.8	11,600							180



Liftcrane Jib Capacities

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777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
130 Ft. BOOM										
45	79.7	205.7	27,200 *							45
50	78.3	204.6	26,800 *							50
55	76.8	203.4	26,200 *	80.4	202.0	23,900*				55
60	75.4	202.0	25,700 *	78.9	200.6	23,500*				60
65	73.9	200.5	25,200 *	77.4	199.1	23,100*				65
70	72.4	198.9	24,700 *	75.9	197.5	22,700*	79.5	194.1	20,800*	70
75	70.9	197.1	24,200 *	74.4	195.7	22,300*	78.0	192.2	20,400*	75
80	69.4	195.2	23,800 *	72.8	193.7	21,900*	76.4	190.2	20,100*	80
85	67.8	193.1	23,300 *	71.3	191.6	21,500*	74.8	188.1	19,800*	85
90	66.3	190.8	22,900 *	69.7	189.3	21,200*	73.2	185.8	19,200*	90
100	63.1	185.8	22,100 *	66.5	184.3	20,500*	70.0	180.6	17,900*	100
110	59.8	180.1	21,300 *	63.2	178.5	19,800*	66.6	174.7	16,800*	110
120	56.5	173.5	20,600 *	59.8	171.9	19,200*	63.1	167.9	15,800*	120
130	52.9	166.1	19,900 *	56.2	164.4	18,600*	59.5	160.2	14,900*	130
140	49.2	157.6	18,200	52.5	155.8	18,100*	55.6	151.4	14,100*	140
150	45.3	147.9	16,100	48.5	146.0	16,700	51.5	141.3	13,500*	150
160	41.0	136.8	14,300	44.2	134.7	14,800	47.0	129.5	12,900*	160
170	36.4	123.7	12,700	39.4	121.4	13,100	42.0	115.6	12,400*	170
180	31.1	107.9	11,300	34.0	105.2	11,600				180
190	24.7	87.9	10,000							190

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. BOOM										
45	80.2	215.9	27,200 *							45
50	78.9	214.9	27,000 *							50
55	77.5	213.7	26,500 *	80.8	212.3	24,100*				55
60	76.1	212.4	26,000 *	79.4	211.0	23,700*				60
65	74.7	211.0	25,500 *	78.0	209.6	23,300*				65
70	73.3	209.4	25,000 *	76.6	208.0	22,900*	80.1	204.5	20,900*	70
75	71.8	207.7	24,500 *	75.1	206.3	22,500*	78.6	202.8	20,600*	75
80	70.4	205.9	24,100 *	73.7	204.4	22,100*	77.1	200.9	20,200*	80
85	68.9	203.9	23,700 *	72.2	202.4	21,800*	75.6	198.9	19,900*	85
90	67.5	201.8	23,200 *	70.8	200.3	21,400*	74.1	196.7	19,600*	90
100	64.5	197.1	22,500 *	67.7	195.5	20,700*	71.1	191.8	18,300*	100
110	61.4	191.7	21,700 *	64.7	190.1	20,100*	67.9	186.3	17,200*	110
120	58.3	185.6	21,000 *	61.5	184.0	19,500*	64.6	180.0	16,200*	120
130	55.0	178.7	20,200	58.2	177.0	18,900*	61.2	172.8	15,300*	130
140	51.5	170.9	17,800	54.7	169.1	18,400*	57.7	164.7	14,500*	140
150	47.9	162.0	15,700	51.0	160.1	16,300	53.9	155.5	13,900*	150
160	44.1	151.9	13,900	47.2	149.9	14,400	49.9	145.0	13,300*	160
170	40.0	140.3	12,300	43.0	138.2	12,700	45.6	132.7	12,800*	170
180	35.4	126.8	10,900	38.3	124.4	11,300				180
190	30.3	110.5	9,600	33.1	107.7	9,900				190
200	24.1	90.0	8,500							200



Liftcrane Jib Capacities

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Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
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Requirements

777 SERIES 2

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
150 Ft. BOOM										
45	80.7	226.1	27,300 *							45
50	79.4	225.1	27,100 *							50
55	78.0	224.0	26,700 *							55
60	76.7	222.7	26,200 *	79.9	221.3	23,800*				60
65	75.4	221.4	25,700 *	78.6	219.9	23,400*				65
70	74.0	219.9	25,300 *	77.2	218.5	23,000*	80.5	214.9	21,000*	70
75	72.7	218.3	24,800 *	75.9	216.8	22,700*	79.1	213.3	20,700*	75
80	71.3	216.6	24,400 *	74.5	215.1	22,300*	77.7	211.5	20,400*	80
85	69.9	214.7	24,000 *	73.1	213.2	22,000*	76.3	209.6	20,100*	85
90	68.5	212.7	23,600 *	71.7	211.2	21,600*	74.9	207.5	19,800*	90
100	65.7	208.2	22,800 *	68.8	206.7	21,000*	72.0	202.9	18,700*	100
110	62.8	203.1	22,000 *	65.9	201.5	20,300*	69.0	197.7	17,600*	110
120	59.9	197.4	21,300 *	62.9	195.8	19,800*	66.0	191.8	16,600*	120
130	56.8	190.9	19,900	59.8	189.2	19,200*	62.8	185.1	15,700*	130
140	53.6	183.7	17,400	56.6	181.9	18,200	59.5	177.6	14,900*	140
150	50.3	175.5	15,400	53.3	173.6	16,000	56.1	169.1	14,200*	150
160	46.8	166.3	13,500	49.7	164.3	14,100	52.4	159.5	13,600*	160
170	43.0	155.8	12,000	45.9	153.7	12,400	48.5	148.5	12,900	170
180	39.0	143.8	10,500	41.8	141.5	11,000	44.2	135.9	11,300	180
190	34.6	129.8	9,300	37.3	127.3	9,600				190
200	29.5	113.1	8,100	32.2	110.1	8,400				200
210	23.5	92.0	7,100							210

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. BOOM										
50	79.8	235.3	27,200 *							50
55	78.6	234.2	26,900 *							55
60	77.3	233.1	26,400 *	80.4	231.6	23,900*				60
65	76.0	231.8	26,000 *	79.1	230.3	23,600*				65
70	74.7	230.4	25,500 *	77.8	228.9	23,200*	81.0	225.3	21,100*	70
75	73.5	228.8	25,100 *	76.5	227.3	22,800*	79.6	223.7	20,800*	75
80	72.2	227.2	24,700 *	75.2	225.7	22,500*	78.3	222.0	20,500*	80
85	70.8	225.4	24,200 *	73.9	223.9	22,200*	77.0	220.2	20,200*	85
90	69.5	223.5	23,800 *	72.5	221.9	21,800*	75.6	218.2	19,900*	90
100	66.8	219.2	23,100 *	69.8	217.7	21,200*	72.9	213.9	19,000*	100
110	64.1	214.4	22,400 *	67.1	212.8	20,600*	70.1	208.9	17,900*	110
120	61.3	209.0	21,700 *	64.2	207.4	20,000*	67.2	203.4	16,900*	120
130	58.4	202.9	19,500	61.3	201.2	19,500*	64.2	197.1	16,000*	130
140	55.4	196.1	17,100	58.3	194.4	17,900	61.1	190.1	15,300*	140
150	52.3	188.5	15,000	55.2	186.7	15,700	57.9	182.2	14,600*	150
160	49.1	180.0	13,200	51.9	178.1	13,800	54.5	173.4	14,000*	160
170	45.7	170.4	11,600	48.5	168.4	12,200	51.0	163.4	12,700	170
180	42.0	159.6	10,200	44.8	157.4	10,700	47.2	152.0	11,100	180
190	38.1	147.2	9,000	40.8	144.8	9,400	43.0	138.9	9,700	190
200	33.8	132.8	7,800	36.4	130.1	8,200				200
210	28.9	115.6	6,800	31.3	112.5	7,100				210
220	23.0	93.9	5,800							220



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. BOOM										
50	80.3	245.5	27,200 *							50
55	79.0	244.5	27,100 *							55
60	77.8	243.3	26,600 *	80.8	241.9	24,100*				60
65	76.6	242.1	26,200 *	79.5	240.6	23,700*				65
70	75.4	240.8	25,700 *	78.3	239.3	23,300*				70
75	74.2	239.3	25,300 *	77.1	237.8	23,000*	80.1	234.1	20,900*	75
80	72.9	237.7	24,900 *	75.8	236.2	22,700*	78.8	232.5	20,600*	80
85	71.7	236.0	24,500 *	74.6	234.5	22,300*	77.6	230.8	20,300*	85
90	70.4	234.2	24,100 *	73.3	232.6	22,000*	76.3	228.9	20,100*	90
100	67.9	230.1	23,400 *	70.7	228.6	21,400*	73.6	224.8	19,400*	100
110	65.3	225.6	22,700 *	68.1	224.0	20,800*	71.0	220.1	18,300*	110
120	62.6	220.4	22,000 *	65.4	218.8	20,200*	68.3	214.8	17,300*	120
130	59.9	214.7	19,200	62.7	213.0	19,700*	65.4	208.9	16,400*	130
140	57.1	208.3	16,800	59.8	206.6	17,600	62.6	202.3	15,600*	140
150	54.2	201.2	14,700	56.9	199.4	15,400	59.6	195.0	14,900*	150
160	51.1	193.2	12,900	53.9	191.4	13,500	56.4	186.7	13,800*	160
170	48.0	184.4	11,300	50.7	182.4	11,900	53.2	177.5	12,300*	170
180	44.6	174.4	9,900	47.3	172.3	10,400	49.7	167.2	10,900*	180
190	41.1	163.2	8,600	43.7	161.0	9,100	45.9	155.4	9,500	190
200	37.3	150.5	7,500	39.8	148.0	7,900	41.9	141.9	8,200	200
210	33.0	135.7	6,500	35.5	132.9	6,800				210
220	28.2	118.0	5,500	30.6	114.8	5,800				220
230	22.5	95.8	4,600							230



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. BOOM										
50	80.6	255.6	27,300 *							50
55	79.5	254.7	27,100 *							55
60	78.3	253.6	26,800 *							60
65	77.2	252.4	26,400 *	80.0	250.9	23,800*				65
70	76.0	251.1	26,000 *	78.8	249.6	23,500*				70
75	74.8	249.7	25,500 *	77.6	248.2	23,100*	80.5	244.5	20,900*	75
80	73.6	248.2	25,100 *	76.4	246.7	22,800*	79.3	242.9	20,700*	80
85	72.4	246.6	24,800 *	75.2	245.0	22,500*	78.1	241.3	20,400*	85
90	71.2	244.8	24,400 *	74.0	243.3	22,200*	76.8	239.5	20,200*	90
100	68.8	241.0	23,600 *	71.5	239.4	21,600*	74.4	235.6	19,700*	100
110	66.3	236.6	22,900 *	69.1	235.0	21,000*	71.8	231.1	18,600*	110
120	63.8	231.8	21,600	66.5	230.1	20,500*	69.2	226.1	17,600*	120
130	61.2	226.3	18,800	63.9	224.6	19,700	66.6	220.5	16,700*	130
140	58.5	220.3	16,400	61.2	218.5	17,200	63.8	214.3	16,000*	140
150	55.8	213.5	14,300	58.5	211.8	15,000	61.0	207.4	15,000*	150
160	53.0	206.1	12,500	55.6	204.2	13,200	58.1	199.7	13,300*	160
170	50.0	197.8	10,900	52.6	195.9	11,500	55.1	191.1	11,800*	170
180	46.9	188.7	9,500	49.5	186.6	10,000	51.8	181.6	10,400*	180
190	43.7	178.4	8,200	46.2	176.2	8,700	48.5	170.9	9,100*	190
200	40.2	166.8	7,100	42.7	164.5	7,500	44.8	158.8	7,900*	200
210	36.5	153.7	6,000	38.9	151.2	6,400				210
220	32.3	138.5	5,100	34.7	135.7	5,400				220
230	27.6	120.4	4,200	29.8	117.1	4,500				230



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
190 Ft. BOOM										
50	81.0	265.8	27,300 *							50
55	79.9	264.9	27,200 *							55
60	78.8	263.8	27,000 *							60
65	77.7	262.7	26,600 *	80.4	261.2	23,900*				65
70	76.5	261.5	26,100 *	79.2	259.9	23,600*				70
75	75.4	260.1	25,700 *	78.1	258.6	23,300*	80.9	254.8	21,000*	75
80	74.3	258.7	25,400 *	77.0	257.1	23,000*	79.7	253.3	20,800*	80
85	73.1	257.1	25,000 *	75.8	255.6	22,700*	78.6	251.8	20,500*	85
90	72.0	255.4	24,600 *	74.6	253.9	22,300*	77.4	250.0	20,300*	90
100	69.6	251.8	23,000	72.3	250.2	21,800*	75.0	246.3	19,800*	100
110	67.3	247.6	19,000	69.9	246.0	20,700	72.6	242.0	18,900*	110
120	64.9	243.0	15,700	67.5	241.3	17,200	70.1	237.3	17,900*	120
130	62.4	237.8	12,900	65.0	236.1	14,200	67.6	232.0	15,600	130
140	59.9	232.0	10,500	62.5	230.3	11,700	65.0	226.1	12,900	140
150	57.3	225.7	8,500	59.9	223.9	9,600	62.3	219.5	10,700	150
160	54.6	218.7	6,800	57.2	216.8	7,700	59.6	212.3	8,700	160
170	51.9	210.9	5,200	54.4	209.0	6,100	56.7	204.3	6,900	170
180				51.5	200.3	4,600	53.8	195.4	5,400	180
190							50.6	185.5	4,000	190
200 Ft. BOOM										
55	80.3	275.1	27,200 *							55
60	79.2	274.1	27,100 *							60
65	78.1	273.0	26,800 *	80.7	271.4	24,100*				65
70	77.0	271.8	26,400 *	79.6	270.2	23,700*				70
75	75.9	270.5	26,000 *	78.5	268.9	23,400*				75
80	74.9	269.1	25,600 *	77.4	267.5	23,100*	80.1	263.7	20,900*	80
85	73.8	267.6	25,200 *	76.3	266.0	22,800*	79.0	262.2	20,600*	85
90	72.7	266.0	24,800 *	75.2	264.4	22,500*	77.9	260.6	20,400*	90
100	70.4	262.5	22,600	73.0	260.9	21,900*	75.6	256.9	19,900*	100
110	68.2	258.5	18,500	70.7	256.9	20,300	73.3	252.9	19,200*	110
120	65.9	254.0	15,200	68.4	252.4	16,800	70.9	248.3	18,200*	120
130	63.5	249.1	12,400	66.0	247.4	13,800	68.5	243.3	15,300	130
140	61.1	243.6	10,100	63.6	241.9	11,300	66.1	237.7	12,600	140
150	58.6	237.6	8,000	61.1	235.8	9,200	63.5	231.5	10,300	150
160	56.1	231.0	6,300	58.6	229.1	7,300	60.9	224.6	8,300	160
170	53.5	223.6	4,700	56.0	221.8	5,700	58.3	217.1	6,600	170
180				53.2	213.6	4,200	55.5	208.8	5,000	180



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

70 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
210 Ft. BOOM										
55	80.6	285.2	27,300 *							55
60	79.6	284.3	27,100 *							60
65	78.5	283.2	26,900 *							65
70	77.5	282.1	26,500 *	80.0	280.5	23,800*				70
75	76.5	280.8	26,100 *	79.0	279.3	23,500*				75
80	75.4	279.5	25,700 *	77.9	277.9	23,200*	80.5	274.1	20,900*	80
85	74.4	278.0	25,300 *	76.8	276.5	22,900*	79.4	272.6	20,700*	85
90	73.3	276.5	25,000 *	75.8	274.9	22,600*	78.3	271.0	20,400*	90
100	71.1	273.1	22,100	73.6	271.5	22,000*	76.2	267.6	20,000*	100
110	69.0	269.3	18,100	71.4	267.7	19,900	73.9	263.7	19,500*	110
120	66.8	265.0	14,700	69.2	263.4	16,400	71.7	259.3	18,000	120
130	64.5	260.3	12,000	67.0	258.6	13,400	69.4	254.5	14,900	130
140	62.2	255.1	9,600	64.6	253.4	10,900	67.0	249.1	12,300	140
150	59.9	249.3	7,600	62.3	247.6	8,800	64.6	243.2	10,000	150
160	57.5	243.0	5,800	59.9	241.2	6,900	62.2	236.8	8,000	160
170	55.0	236.1	4,300	57.4	234.2	5,300	59.6	229.6	6,200	170
180							57.0	221.8	4,700	180
220 Ft. BOOM										
55	80.9	295.4	27,300 *							55
60	79.9	294.5	27,200 *							60
65	78.9	293.4	27,000 *							65
70	77.9	292.3	26,600 *	80.4	290.8	23,900*				70
75	76.9	291.1	26,300 *	79.4	289.6	23,600*				75
80	75.9	289.9	25,900 *	78.3	288.3	23,300*	80.8	284.4	21,000*	80
85	74.9	288.5	25,500 *	77.3	286.9	23,000*	79.8	283.0	20,700*	85
90	73.9	287.0	25,200 *	76.3	285.4	22,700*	78.8	281.5	20,500*	90
100	71.8	283.7	21,600	74.2	282.1	22,200*	76.7	278.1	20,100*	100
110	69.7	280.1	17,500	72.1	278.4	19,400	74.5	274.4	19,600*	110
120	67.6	276.0	14,200	70.0	274.3	15,900	72.4	270.2	17,600	120
130	65.5	271.4	11,400	67.8	269.7	13,000	70.2	265.6	14,500	130
140	63.3	266.4	9,100	65.6	264.7	10,400	67.9	260.5	11,800	140
150	61.0	260.9	7,000	63.4	259.2	8,300	65.6	254.8	9,500	150
160	58.7	254.9	5,300	61.1	253.1	6,400	63.3	248.7	7,500	160
170				58.7	246.5	4,700	60.9	241.9	5,800	170
180							58.4	234.5	4,200	180



Liftcrane Jib Capacities

New York City Code
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Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
80 Ft. BOOM										
35	80.3	167.0	20,600 *							35
40	78.5	165.9	20,400 *							40
45	76.7	164.7	20,300 *							45
50	74.9	163.3	20,100 *	79.9	162.3	19,700 *				50
55	73.0	161.8	19,900 *	78.1	160.7	19,500 *				55
60	71.2	160.1	19,800 *	76.2	159.0	19,000 *				60
65	69.3	158.1	19,600 *	74.3	157.1	18,500 *	79.6	154.2	17,200 *	65
70	67.3	156.0	19,400 *	72.4	155.0	18,100 *	77.7	152.0	16,800 *	70
75	65.4	153.7	18,900 *	70.4	152.6	17,600 *	75.7	149.7	16,400 *	75
80	63.4	151.2	18,400 *	68.4	150.1	17,200 *	73.6	147.1	16,000 *	80
85	61.4	148.5	17,900 *	66.4	147.3	16,800 *	71.5	144.2	15,700 *	85
90	59.4	145.5	17,500 *	64.3	144.3	16,400 *	69.4	141.2	15,200 *	90
100	55.1	138.7	16,600 *	60.0	137.5	15,600 *	65.0	134.2	13,900 *	100
110	50.6	130.8	15,800 *	55.5	129.5	14,900 *	60.3	126.0	12,800 *	110
120	45.8	121.5	15,000 *	50.6	120.1	14,300 *	55.3	116.2	11,900 *	120
130	40.5	110.4	14,300 *	45.2	108.8	13,700 *	49.7	104.5	11,100 *	130
140	34.5	96.8	13,700 *	39.2	95.0	13,000 *	43.3	89.9	10,500 *	140
150	27.4	79.3	13,100 *	31.9	77.0	12,100 *				150
160	17.7	53.8	12,700 *							160
90 Ft. BOOM										
35	80.9	177.1	20,700 *							35
40	79.2	176.2	20,500 *							40
45	77.5	175.0	20,300 *							45
50	75.8	173.7	20,200 *	80.5	172.6	19,700 *				50
55	74.0	172.3	20,000 *	78.8	171.2	19,600 *				55
60	72.3	170.7	19,900 *	77.0	169.6	19,200 *				60
65	70.5	168.9	19,700 *	75.3	167.8	18,800 *	80.3	164.7	17,300 *	65
70	68.7	166.9	19,600 *	73.5	165.8	18,300 *	78.4	162.7	16,900 *	70
75	66.9	164.8	19,300 *	71.6	163.6	17,900 *	76.6	160.5	16,600 *	75
80	65.1	162.4	18,800 *	69.8	161.2	17,500 *	74.7	158.1	16,200 *	80
85	63.2	159.9	18,300 *	67.9	158.7	17,100 *	72.8	155.5	15,900 *	85
90	61.3	157.1	17,900 *	66.0	155.9	16,700 *	70.8	152.6	15,500 *	90
100	57.4	150.9	17,000 *	62.1	149.7	16,000 *	66.8	146.3	14,400 *	100
110	53.3	143.7	16,200 *	57.9	142.4	15,300 *	62.5	138.8	13,300 *	110
120	49.0	135.4	15,500 *	53.5	133.9	14,700 *	58.0	130.1	12,400 *	120
130	44.3	125.5	14,800 *	48.8	124.0	14,100 *	53.1	119.8	11,600 *	130
140	39.2	113.9	14,200 *	43.6	112.2	13,600 *	47.8	107.5	10,900 *	140
150	33.4	99.7	13,600 *	37.8	97.8	12,800 *	41.6	92.3	10,300 *	150
160	26.6	81.6	13,100 *	30.7	79.1	12,000 *				160



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. BOOM										
40	79.8	186.4	20,600 *							40
45	78.2	185.3	20,400 *							45
50	76.6	184.1	20,300 *							50
55	74.9	182.7	20,100 *	79.4	181.6	19,600*				55
60	73.3	181.2	20,000 *	77.8	180.0	19,400*				60
65	71.6	179.5	19,800 *	76.1	178.3	19,000*	80.9	175.2	17,400*	65
70	70.0	177.7	19,700 *	74.4	176.5	18,600*	79.1	173.3	17,100*	70
75	68.3	175.7	19,600 *	72.7	174.5	18,100*	77.4	171.3	16,700*	75
80	66.6	173.5	19,200 *	71.0	172.3	17,700*	75.6	169.0	16,400*	80
85	64.8	171.1	18,700 *	69.3	169.9	17,400*	73.8	166.6	16,000*	85
90	63.1	168.5	18,300 *	67.5	167.3	17,000*	72.0	163.9	15,700*	90
100	59.4	162.8	17,500 *	63.8	161.5	16,300*	68.3	158.0	14,900*	100
110	55.7	156.2	16,700 *	60.0	154.8	15,600*	64.4	151.2	13,800*	110
120	51.7	148.5	16,000 *	56.0	147.1	15,000*	60.3	143.3	12,800*	120
130	47.5	139.7	15,300 *	51.8	138.2	14,400*	55.9	134.1	12,000*	130
140	43.0	129.4	14,600 *	47.2	127.8	13,900*	51.2	123.3	11,300*	140
150	38.1	117.3	14,000 *	42.2	115.5	13,400*	46.0	110.4	10,700*	150
160	32.5	102.6	13,500 *	36.5	100.5	12,600*	39.9	94.6	10,200*	160
170	25.8	83.8	13,000 *	29.6	81.2	11,900*				170
110 Ft. BOOM										
40	80.3	196.6	20,600 *							40
45	78.8	195.5	20,500 *							45
50	77.3	194.4	20,300 *							50
55	75.7	193.1	20,200 *	80.0	191.9	19,700*				55
60	74.2	191.7	20,000 *	78.5	190.5	19,600*				60
65	72.6	190.1	19,900 *	76.9	188.9	19,200*				65
70	71.1	188.3	19,800 *	75.3	187.1	18,800*	79.8	183.9	17,200*	70
75	69.5	186.4	19,600 *	73.7	185.2	18,400*	78.1	181.9	16,900*	75
80	67.9	184.4	19,500 *	72.1	183.2	18,000*	76.5	179.8	16,500*	80
85	66.2	182.2	19,100 *	70.4	180.9	17,600*	74.8	177.5	16,200*	85
90	64.6	179.8	18,700 *	68.8	178.5	17,300*	73.1	175.1	15,900*	90
100	61.2	174.4	17,900 *	65.4	173.1	16,600*	69.6	169.6	15,300*	100
110	57.7	168.3	17,100 *	61.8	166.9	15,900*	66.0	163.2	14,200*	110
120	54.1	161.3	16,400 *	58.2	159.8	15,300*	62.2	156.0	13,200*	120
130	50.2	153.2	15,700 *	54.3	151.7	14,800*	58.3	147.6	12,400*	130
140	46.2	143.9	15,100 *	50.2	142.3	14,200*	54.0	137.9	11,700*	140
150	41.8	133.2	14,500 *	45.8	131.5	13,800*	49.4	126.7	11,100*	150
160	37.0	120.6	13,900 *	40.9	118.6	13,200*	44.3	113.3	10,500*	160
170	31.6	105.3	13,400 *	35.3	103.1	12,500*				170
180	25.1	86.0	12,000	28.6	83.1	11,800*				180



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. BOOM										
40	80.8	206.7	20,700 *							40
45	79.4	205.8	20,500 *							45
50	77.9	204.7	20,400 *							50
55	76.5	203.4	20,300 *	80.5	202.2	19,700*				55
60	75.0	202.1	20,100 *	79.1	200.9	19,600*				60
65	73.5	200.6	20,000 *	77.6	199.3	19,400*				65
70	72.0	198.9	19,800 *	76.1	197.7	19,000*	80.3	194.3	17,300*	70
75	70.5	197.2	19,700 *	74.5	195.9	18,600*	78.8	192.5	17,000*	75
80	69.0	195.2	19,600 *	73.0	193.9	18,200*	77.2	190.5	16,700*	80
85	67.5	193.1	19,400 *	71.5	191.8	17,800*	75.6	188.4	16,400*	85
90	65.9	190.9	19,000 *	69.9	189.6	17,500*	74.0	186.1	16,100*	90
100	62.8	185.9	18,200 *	66.7	184.5	16,800*	70.8	180.9	15,500*	100
110	59.5	180.1	17,500 *	63.4	178.7	16,200*	67.4	175.0	14,600*	110
120	56.1	173.6	16,800 *	60.0	172.2	15,600*	63.9	168.3	13,600*	120
130	52.6	166.2	16,100 *	56.5	164.7	15,100*	60.3	160.6	12,800*	130
140	48.9	157.7	15,500 *	52.7	156.1	14,600*	56.4	151.8	12,100*	140
150	44.9	148.0	14,900 *	48.7	146.3	14,100*	52.3	141.7	11,400*	150
160	40.7	136.9	14,300 *	44.4	135.0	13,600*	47.8	129.9	10,900*	160
170	36.0	123.8	13,200	39.7	121.7	13,100*	42.9	116.0	10,400*	170
180	30.7	108.0	11,800	34.3	105.6	12,100				180
190	24.4	88.1	10,500							190

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
130 Ft. BOOM										
45	79.9	216.0	20,600 *							45
50	78.5	214.9	20,500 *							50
55	77.1	213.8	20,300 *	81.0	212.5	19,700*				55
60	75.7	212.5	20,200 *	79.6	211.2	19,600*				60
65	74.3	211.0	20,100 *	78.2	209.8	19,500*				65
70	72.9	209.5	19,900 *	76.8	208.2	19,100*	80.8	204.8	17,400*	70
75	71.5	207.8	19,800 *	75.3	206.5	18,800*	79.3	203.0	17,100*	75
80	70.0	206.0	19,700 *	73.9	204.7	18,400*	77.9	201.1	16,800*	80
85	68.6	204.0	19,600 *	72.4	202.7	18,100*	76.4	199.1	16,500*	85
90	67.1	201.9	19,300 *	70.9	200.5	17,700*	74.9	196.9	16,200*	90
100	64.1	197.1	18,600 *	67.9	195.8	17,100*	71.8	192.1	15,700*	100
110	61.1	191.8	17,800 *	64.8	190.3	16,500*	68.6	186.6	15,000*	110
120	57.9	185.6	17,200 *	61.7	184.2	15,900*	65.4	180.3	14,000*	120
130	54.6	178.7	16,500 *	58.3	177.2	15,300*	62.0	173.1	13,200*	130
140	51.2	170.9	15,900 *	54.9	169.3	14,800*	58.5	165.0	12,400*	140
150	47.6	162.1	15,300 *	51.2	160.4	14,400*	54.7	155.9	11,800*	150
160	43.8	152.0	14,400	47.4	150.2	13,900*	50.7	145.3	11,200*	160
170	39.6	140.4	12,800	43.2	138.5	13,300	46.4	133.1	10,700*	170
180	35.1	126.9	11,400	38.6	124.7	11,800	41.5	118.7	10,300*	180
190	30.0	110.7	10,200	33.3	108.1	10,500				190
200	23.8	90.1	9,000							200



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. BOOM										
45	80.3	226.1	20,600 *							45
50	79.0	225.1	20,500 *							50
55	77.7	224.0	20,400 *							55
60	76.4	222.8	20,200 *	80.1	221.5	19,700*				60
65	75.0	221.5	20,100 *	78.7	220.2	19,600*				65
70	73.7	220.0	20,000 *	77.4	218.7	19,300*				70
75	72.4	218.4	19,900 *	76.0	217.0	19,000*	79.8	213.5	17,200*	75
80	71.0	216.6	19,800 *	74.6	215.3	18,600*	78.4	211.7	16,900*	80
85	69.6	214.7	19,700 *	73.3	213.4	18,300*	77.0	209.8	16,600*	85
90	68.2	212.7	19,600 *	71.9	211.4	17,900*	75.6	207.7	16,400*	90
100	65.4	208.3	18,900 *	69.0	206.9	17,300*	72.7	203.1	15,800*	100
110	62.5	203.2	18,200 *	66.1	201.8	16,700*	69.8	197.9	15,300*	110
120	59.5	197.5	17,500 *	63.1	196.0	16,100*	66.7	192.0	14,400*	120
130	56.5	191.0	16,900 *	60.0	189.5	15,600*	63.5	185.4	13,500*	130
140	53.3	183.7	16,200 *	56.8	182.1	15,100*	60.2	177.9	12,800*	140
150	49.9	175.6	15,700 *	53.4	173.9	14,600*	56.8	169.4	12,100*	150
160	46.4	166.3	14,000	49.9	164.6	14,200*	53.1	159.8	11,600*	160
170	42.7	155.9	12,400	46.1	154.0	12,900	49.2	148.9	11,100*	170
180	38.7	143.9	11,000	42.0	141.8	11,500	45.0	136.2	10,600*	180
190	34.3	129.9	9,700	37.5	127.6	10,100	40.3	121.3	10,200*	190
200	29.2	113.2	8,600	32.4	110.6	8,900				200
210	23.2	92.1	7,600							210

Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
150 Ft. BOOM										
45	80.8	236.3	20,700 *							45
50	79.5	235.4	20,600 *							50
55	78.2	234.3	20,400 *							55
60	77.0	233.1	20,300 *	80.5	231.8	19,700*				60
65	75.7	231.8	20,200 *	79.2	230.5	19,600*				65
70	74.4	230.4	20,100 *	77.9	229.1	19,500*				70
75	73.1	228.9	20,000 *	76.6	227.5	19,100*	80.3	223.9	17,300*	75
80	71.8	227.2	19,800 *	75.3	225.9	18,800*	79.0	222.2	17,000*	80
85	70.5	225.4	19,700 *	74.0	224.1	18,400*	77.6	220.4	16,700*	85
90	69.2	223.5	19,600 *	72.7	222.1	18,100*	76.3	218.4	16,500*	90
100	66.5	219.3	19,200 *	70.0	217.9	17,500*	73.5	214.1	16,000*	100
110	63.8	214.5	18,500 *	67.2	213.0	17,000*	70.7	209.2	15,500*	110
120	61.0	209.1	17,800 *	64.4	207.6	16,400*	67.9	203.6	14,700*	120
130	58.1	203.0	17,200 *	61.5	201.5	15,900*	64.9	197.4	13,900*	130
140	55.1	196.2	16,600 *	58.5	194.6	15,400*	61.8	190.3	13,100*	140
150	52.0	188.6	15,400	55.4	186.9	14,900*	58.6	182.5	12,500*	150
160	48.8	180.1	13,600	52.1	178.3	14,300	55.2	173.6	11,900*	160
170	45.4	170.5	12,000	48.6	168.7	12,600	51.7	163.7	11,400*	170
180	41.7	159.7	10,600	45.0	157.7	11,200	47.9	152.3	10,900*	180
190	37.8	147.3	9,400	41.0	145.1	9,800	43.7	139.3	10,200	190
200	33.5	132.9	8,300	36.6	130.5	8,600				200
210	28.6	115.7	7,200	31.6	112.9	7,500				210
220	22.7	94.1	6,300							220



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. BOOM										
50	79.9	245.5	20,600 *							50
55	78.7	244.5	20,500 *							55
60	77.5	243.4	20,400 *	80.9	242.1	19,700*				60
65	76.3	242.2	20,200 *	79.7	240.8	19,600*				65
70	75.1	240.8	20,100 *	78.5	239.5	19,600*				70
75	73.9	239.4	20,000 *	77.2	238.0	19,300*	80.7	234.3	17,400*	75
80	72.6	237.8	19,900 *	76.0	236.4	18,900*	79.5	232.7	17,100*	80
85	71.4	236.1	19,800 *	74.7	234.7	18,600*	78.2	230.9	16,900*	85
90	70.1	234.2	19,700 *	73.4	232.8	18,300*	76.9	229.1	16,600*	90
100	67.6	230.2	19,500 *	70.9	228.8	17,700*	74.3	225.0	16,100*	100
110	65.0	225.7	18,800 *	68.3	224.2	17,200*	71.6	220.3	15,600*	110
120	62.3	220.5	18,100 *	65.6	219.0	16,600*	68.9	215.0	15,000*	120
130	59.6	214.8	17,500 *	62.8	213.2	16,100*	66.1	209.1	14,200*	130
140	56.8	208.4	16,900 *	60.0	206.8	15,600*	63.2	202.5	13,500*	140
150	53.9	201.3	15,100	57.1	199.6	15,100*	60.2	195.2	12,800*	150
160	50.8	193.3	13,300	54.0	191.6	14,000	57.1	187.0	12,200*	160
170	47.7	184.5	11,700	50.8	182.7	12,300	53.8	177.8	11,700*	170
180	44.3	174.5	10,300	47.5	172.6	10,900	50.3	167.4	11,200*	180
190	40.8	163.3	9,100	43.9	161.3	9,600	46.6	155.7	10,000	190
200	37.0	150.6	7,900	40.0	148.4	8,400	42.6	142.2	8,700	200
210	32.7	135.8	6,900	35.7	133.3	7,300				210
220	27.9	118.2	6,000	30.8	115.3	6,300				220
230	22.2	96.0	5,100							230



Liftcrane Jib Capacities

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

777 SERIES 2

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. BOOM										
50	80.4	255.7	20,600 *							50
55	79.2	254.7	20,500 *							55
60	78.0	253.7	20,400 *							60
65	76.9	252.5	20,300 *	80.1	251.1	19,700*				65
70	75.7	251.2	20,200 *	78.9	249.8	19,600*				70
75	74.5	249.8	20,100 *	77.7	248.4	19,400*				75
80	73.3	248.3	20,000 *	76.6	246.9	19,100*	79.9	243.1	17,200*	80
85	72.1	246.6	19,900 *	75.4	245.2	18,800*	78.7	241.5	17,000*	85
90	70.9	244.9	19,800 *	74.1	243.5	18,500*	77.5	239.7	16,700*	90
100	68.5	241.1	19,600 *	71.7	239.6	17,900*	75.0	235.7	16,200*	100
110	66.0	236.7	19,100 *	69.2	235.2	17,400*	72.4	231.3	15,800*	110
120	63.5	231.8	18,400 *	66.7	230.3	16,800*	69.9	226.3	15,300*	120
130	60.9	226.4	17,800 *	64.1	224.8	16,300*	67.2	220.7	14,500*	130
140	58.3	220.3	16,800	61.4	218.8	15,800*	64.5	214.5	13,800*	140
150	55.5	213.6	14,700	58.6	212.0	15,400*	61.7	207.6	13,100*	150
160	52.7	206.2	12,900	55.8	204.5	13,700	58.7	199.9	12,500*	160
170	49.7	197.9	11,300	52.8	196.1	12,000	55.7	191.4	12,000*	170
180	46.7	188.7	9,900	49.7	186.9	10,600	52.5	181.8	10,800*	180
190	43.4	178.5	8,700	46.4	176.5	9,200	49.1	171.1	9,600*	190
200	39.9	166.9	7,600	42.9	164.8	8,000	45.5	159.0	8,500*	200
210	36.2	153.8	6,600	39.1	151.5	7,000	41.5	145.1	7,300	210
220	32.1	138.6	5,600	34.9	136.0	6,000				220
230	27.4	120.5	4,800	30.1	117.5	5,100				230
240	21.7	97.9	4,000							240



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code

Jib No. 134 with 12 Ft. 6 in. Strut on

Boom No. 78

142,000 Lb. Crane Counterweight

44,000 Lb. Carbody Counterweight

360 Degree Rating

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. BOOM										
50	80.7	265.9	20,700 *							50
55	79.6	264.9	20,600 *							55
60	78.5	263.9	20,500 *							60
65	77.4	262.8	20,400 *	80.5	261.4	19,700*				65
70	76.3	261.5	20,200 *	79.4	260.1	19,600*				70
75	75.1	260.2	20,100 *	78.2	258.8	19,500*				75
80	74.0	258.7	20,000 *	77.1	257.3	19,200*	80.3	253.5	17,300*	80
85	72.8	257.2	19,900 *	75.9	255.8	18,900*	79.2	251.9	17,000*	85
90	71.7	255.5	19,800 *	74.8	254.1	18,600*	78.0	250.2	16,800*	90
100	69.4	251.8	19,600 *	72.4	250.4	18,100*	75.6	246.4	16,300*	100
110	67.0	247.7	19,300 *	70.1	246.2	17,500*	73.2	242.2	15,900*	110
120	64.6	243.0	16,400	67.6	241.5	17,000*	70.7	237.4	15,500*	120
130	62.1	237.8	13,600	65.2	236.3	15,100	68.2	232.1	14,800*	130
140	59.6	232.1	11,300	62.6	230.5	12,600	65.6	226.2	13,900	140
150	57.0	225.8	9,300	60.0	224.1	10,500	62.9	219.7	11,600	150
160	54.3	218.7	7,500	57.3	217.0	8,600	60.2	212.5	9,600	160
170	51.6	211.0	6,000	54.5	209.2	7,000	57.3	204.5	7,900	170
180	48.7	202.4	4,600	51.6	200.6	5,500	54.4	195.6	6,300	180
190				48.6	191.0	4,200	51.2	185.8	4,900	190
190 Ft. BOOM										
55	80.0	275.1	20,600 *							55
60	78.9	274.1	20,500 *							60
65	77.8	273.0	20,400 *	80.9	271.6	19,700*				65
70	76.8	271.8	20,300 *	79.8	270.4	19,700*				70
75	75.7	270.6	20,200 *	78.7	269.1	19,600*				75
80	74.6	269.2	20,100 *	77.6	267.7	19,400*	80.7	263.9	17,400*	80
85	73.5	267.7	20,000 *	76.5	266.2	19,100*	79.6	262.3	17,100*	85
90	72.4	266.1	19,900 *	75.4	264.6	18,800*	78.5	260.7	16,900*	90
100	70.2	262.5	19,700 *	73.1	261.1	18,200*	76.2	257.1	16,400*	100
110	67.9	258.6	18,900	70.8	257.1	17,700*	73.9	253.0	16,000*	110
120	65.6	254.1	15,600	68.5	252.6	17,200*	71.5	248.5	15,600*	120
130	63.2	249.2	12,900	66.2	247.6	14,400	69.1	243.4	15,100*	130
140	60.8	243.7	10,600	63.7	242.1	12,000	66.6	237.8	13,400	140
150	58.4	237.7	8,500	61.3	236.0	9,800	64.1	231.6	11,100	150
160	55.9	231.0	6,800	58.7	229.4	7,900	61.5	224.8	9,100	160
170	53.3	223.7	5,300	56.1	222.0	6,300	58.8	217.3	7,300	170
180				53.4	213.9	4,800	56.1	209.0	5,700	180
190							53.1	199.8	4,300	190



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
200 Ft. BOOM										
55	80.4	285.3	20,700 *							55
60	79.3	284.3	20,600 *							60
65	78.3	283.3	20,400 *							65
70	77.2	282.1	20,300 *	80.1	280.7	19,700*				70
75	76.2	280.9	20,200 *	79.1	279.4	19,600*				75
80	75.1	279.6	20,100 *	78.0	278.1	19,500*				80
85	74.1	278.1	20,000 *	77.0	276.7	19,200*	80.0	272.7	17,200*	85
90	73.0	276.6	20,000 *	75.9	275.1	18,900*	78.9	271.2	17,000*	90
100	70.9	273.2	19,800 *	73.8	271.7	18,400*	76.7	267.7	16,500*	100
110	68.7	269.4	18,500	71.6	267.9	17,900*	74.5	263.8	16,100*	110
120	66.5	265.1	15,200	69.3	263.6	17,000	72.2	259.4	15,700*	120
130	64.3	260.4	12,400	67.1	258.8	14,000	69.9	254.6	15,300*	130
140	62.0	255.2	10,100	64.8	253.6	11,500	67.6	249.3	13,000	140
150	59.6	249.4	8,100	62.4	247.8	9,400	65.2	243.4	10,700	150
160	57.2	243.1	6,300	60.0	241.4	7,500	62.7	236.9	8,700	160
170	54.8	236.2	4,800	57.5	234.5	5,900	60.2	229.8	6,900	170
180				55.0	226.8	4,400	57.6	222.0	5,400	180
190							54.8	213.4	4,000	190
210 Ft. BOOM										
55	80.7	295.5	20,700 *							55
60	79.7	294.5	20,600 *							60
65	78.7	293.5	20,500 *							65
70	77.7	292.4	20,400 *	80.5	291.0	19,700*				70
75	76.7	291.2	20,300 *	79.5	289.7	19,600*				75
80	75.7	289.9	20,200 *	78.5	288.5	19,500*				80
85	74.7	288.5	20,100 *	77.4	287.1	19,300*	80.3	283.1	17,300*	85
90	73.6	287.1	20,000 *	76.4	285.6	19,000*	79.3	281.6	17,000*	90
100	71.6	283.8	19,800 *	74.3	282.3	18,500*	77.2	278.3	16,600*	100
110	69.5	280.1	18,000	72.2	278.6	18,000*	75.1	274.5	16,200*	110
120	67.4	276.0	14,700	70.1	274.5	16,600	72.9	270.3	15,800*	120
130	65.2	271.5	12,000	67.9	269.9	13,600	70.7	265.7	15,300	130
140	63.0	266.5	9,600	65.7	264.9	11,100	68.5	260.6	12,700	140
150	60.8	261.0	7,600	63.5	259.4	9,000	66.2	255.0	10,400	150
160	58.5	255.0	5,900	61.2	253.3	7,100	63.8	248.8	8,400	160
170	56.1	248.4	4,300	58.8	246.7	5,500	61.4	242.1	6,600	170
180				56.4	239.5	4,000	58.9	234.7	5,000	180



Liftcrane Jib Capacities

Meets
ANSI B30.5
Requirements

777 SERIES 2

New York City Code
Jib No. 134 with 12 Ft. 6 in. Strut on
Boom No. 78
142,000 Lb. Crane Counterweight
44,000 Lb. Carbody Counterweight
360 Degree Rating

80 Ft. JIB

Jib Oper. Rad. Feet	5 Degree Offset			15 Degree Offset			25 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
220 Ft. BOOM										
55	81.0	305.6	20,700 *							55
60	80.0	304.7	20,600 *							60
65	79.1	303.7	20,500 *							65
70	78.1	302.7	20,400 *	80.8	301.2	19,700*				70
75	77.1	301.5	20,300 *	79.8	300.0	19,600*				75
80	76.2	300.3	20,200 *	78.9	298.8	19,600*				80
85	75.2	298.9	20,100 *	77.9	297.4	19,400*	80.7	293.4	17,300*	85
90	74.2	297.5	20,000 *	76.9	296.0	19,100*	79.7	292.0	17,100*	90
100	72.2	294.4	19,800 *	74.9	292.8	18,600*	77.6	288.8	16,700*	100
110	70.2	290.8	17,500	72.9	289.3	18,100*	75.6	285.2	16,300*	110
120	68.2	286.9	14,200	70.8	285.3	16,100	73.5	281.2	15,900*	120
130	66.1	282.5	11,400	68.7	281.0	13,200	71.4	276.7	14,900	130
140	64.0	277.7	9,000	66.6	276.1	10,600	69.3	271.8	12,200	140
150	61.8	272.5	7,000	64.5	270.9	8,500	67.1	266.4	9,900	150
160	59.7	266.7	5,300	62.3	265.1	6,600	64.8	260.6	7,900	160
170				60.0	258.8	4,900	62.5	254.1	6,100	170
180							60.2	247.1	4,600	180