

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

LIFTING CAPACITIES: Chart supplements boom capacity chart **No. 9151-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. 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 jib load. Boom and jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with crawlers fully extended (16 Ft. 9 in.) and gantry up. Refer to boom rigging **No. 193744** or **No. 910557**, jib assembly **No. 911092** and Wire Rope Specification chart **No. 9071-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 9143-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line. 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 22 Ft. 4 in. extendible crawlers, 36 in. treads, 15 Ft. 6 in. retractable gantry, 10 part boom hoist reeving, two 1-1/4 in. boom pendants, 1st crane counterweight = 28,500 Lbs., 2nd crane counterweight = 24,800 Lbs.

Maximum capacity on 7/8 in. wire rope is 20,000 Lbs.

Maximum Boom and Jib Lengths Lifted Unassisted			
Over End of Crawlers		Over Side of Extended Crawlers	
Boom Length	Jib No. 10	Boom Length	Jib No. 10
200 Ft.	---	200 Ft.	---
190 Ft.	40 Ft.	190 Ft.	---
180 Ft.	60 Ft.	180 Ft.	40 Ft.
		170 Ft.	60 Ft.
Load block, hook and weight ball on ground at start.			

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30 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. BOOM													
25	78.4	104.1	20,000 *	80.8	103.7	20,000 *							25
30	75.4	102.9	20,000 *	77.9	102.5	20,000 *	80.3	101.7	20,000 *				30
35	72.5	101.4	20,000 *	74.9	101.0	20,000 *	77.3	100.2	20,000 *	79.7	98.7	19,200 *	35
40	69.5	99.6	20,000 *	71.9	99.2	20,000 *	74.2	98.4	20,000 *	76.6	96.9	18,100 *	40
45	66.4	97.5	20,000 *	68.8	97.2	20,000 *	71.1	96.3	20,000 *	73.4	94.7	16,900 *	45
50	63.2	95.1	20,000 *	65.6	94.8	20,000 *	67.9	93.8	20,000 *	70.2	92.3	15,900 *	50
55	60.0	92.4	20,000 *	62.3	92.0	20,000 *	64.6	91.0	19,300 *	66.8	89.4	15,100 *	55
60	56.6	89.2	20,000 *	59.0	88.8	20,000 *	61.2	87.9	18,100 *	63.3	86.2	14,300 *	60
65	53.1	85.7	18,500	55.5	85.3	18,700	57.6	84.2	17,000 *				65
70	49.5	81.6	16,800	51.8	81.2	16,900	53.9	80.1	16,100 *				70
75	45.6	77.0	15,300	47.9	76.5	15,500	49.9	75.3	15,300 *				75
80	41.4	71.6	14,100	43.7	71.1	14,200							80
90	31.8	58.0	12,000										90
80 Ft. BOOM													
25	79.4	114.3	20,000 *										25
30	76.8	113.2	20,000 *	79.0	112.8	20,000 *							30
35	74.1	111.8	20,000 *	76.3	111.5	20,000 *	78.5	110.6	20,000 *	80.7	109.1	19,700 *	35
40	71.4	110.2	20,000 *	73.6	109.9	20,000 *	75.7	109.0	20,000 *	77.9	107.4	18,600 *	40
45	68.6	108.4	20,000 *	70.8	108.0	20,000 *	72.9	107.1	20,000 *	75.1	105.5	17,500 *	45
50	65.8	106.3	20,000 *	68.0	105.9	20,000 *	70.1	104.9	20,000 *	72.2	103.3	16,500 *	50
55	62.9	103.8	20,000 *	65.1	103.4	20,000 *	67.2	102.5	20,000 *	69.2	100.8	15,600 *	55
60	60.0	101.0	20,000 *	62.1	100.6	20,000 *	64.2	99.7	19,100 *	66.1	98.0	14,900 *	60
65	56.9	97.9	18,200	59.1	97.5	18,400	61.1	96.5	18,000 *	63.0	94.7	14,200 *	65
70	53.8	94.4	16,500	55.9	94.0	16,700	57.9	92.9	16,900	59.7	91.1	13,700 *	70
75	50.5	90.5	15,000	52.6	90.0	15,200	54.5	88.9	15,300				75
80	47.0	86.0	13,800	49.1	85.6	13,900	51.0	84.4	14,000				80
90	39.4	75.3	11,700	41.4	74.7	11,800							90
90 Ft. BOOM													
25	80.3	124.4	20,000 *										25
30	77.9	123.4	20,000 *	79.9	123.1	20,000 *							30
35	75.5	122.2	20,000 *	77.5	121.8	20,000 *	79.5	120.9	20,000 *				35
40	73.0	120.8	20,000 *	75.0	120.4	20,000 *	77.0	119.5	20,000 *	79.0	117.9	19,100 *	40
45	70.5	119.1	20,000 *	72.5	118.7	20,000 *	74.4	117.8	20,000 *	76.4	116.2	18,000 *	45
50	67.9	117.2	20,000 *	69.9	116.8	20,000 *	71.9	115.8	20,000 *	73.8	114.2	17,000 *	50
55	65.4	115.0	20,000 *	67.3	114.6	20,000 *	69.2	113.6	20,000 *	71.1	111.9	16,200 *	55
60	62.7	112.5	20,000 *	64.7	112.1	20,000 *	66.6	111.1	20,000 *	68.4	109.4	15,400 *	60
65	60.0	109.7	18,000	61.9	109.3	18,200	63.8	108.3	18,400	65.6	106.5	14,700 *	65
70	57.2	106.6	16,300	59.1	106.2	16,500	61.0	105.1	16,700	62.7	103.3	14,200 *	70
75	54.3	103.2	14,800	56.3	102.7	15,000	58.1	101.6	15,100	59.7	99.8	13,600 *	75
80	51.3	99.3	13,500	53.2	98.9	13,700	55.0	97.7	13,800				80
90	44.9	90.2	11,500	46.8	89.7	11,600							90
100	37.7	78.7	9,900										100

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ANSI B30.5
Requirements

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222EX

30 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. BOOM													
30	78.8	133.7	20,000 *	80.7	133.3	20,000 *							30
35	76.6	132.5	20,000 *	78.4	132.2	20,000 *	80.3	131.2	20,000 *				35
40	74.3	131.2	20,000 *	76.2	130.8	20,000 *	78.0	129.9	20,000 *	79.9	128.3	19,500 *	40
45	72.0	129.7	20,000 *	73.9	129.3	20,000 *	75.7	128.3	20,000 *	77.5	126.7	18,400 *	45
50	69.7	127.9	20,000 *	71.5	127.5	20,000 *	73.3	126.6	20,000 *	75.1	124.9	17,500 *	50
55	67.3	125.9	20,000 *	69.2	125.5	20,000 *	71.0	124.5	20,000 *	72.7	122.9	16,600 *	55
60	64.9	123.7	19,900	66.8	123.2	20,000 *	68.5	122.3	20,000 *	70.2	120.6	15,900 *	60
65	62.5	121.2	17,800	64.3	120.7	18,100	66.0	119.7	18,300	67.7	118.0	15,200 *	65
70	60.0	118.4	16,100	61.8	117.9	16,300	63.5	116.9	16,500	65.2	115.1	14,600 *	70
75	57.4	115.3	14,600	59.2	114.9	14,800	60.9	113.8	15,000	62.5	112.0	14,100 *	75
80	54.8	111.9	13,300	56.6	111.4	13,500	58.2	110.3	13,700	59.8	108.4	13,600 *	80
90	49.2	104.0	11,300	50.9	103.5	11,400	52.5	102.3	11,500				90
100	43.1	94.3	9,600	44.8	93.7	9,700							100
110	36.2	82.0	8,300										110
110 Ft. BOOM													
30	79.6	143.8	20,000 *										30
35	77.6	142.8	20,000 *	79.3	142.4	20,000 *	81.0	141.5	20,000 *				35
40	75.5	141.6	20,000 *	77.2	141.2	20,000 *	78.9	140.3	20,000 *	80.6	138.6	19,800 *	40
45	73.3	140.2	20,000 *	75.1	139.8	20,000 *	76.8	138.8	20,000 *	78.5	137.2	18,800 *	45
50	71.2	138.5	20,000 *	72.9	138.1	20,000 *	74.6	137.2	20,000 *	76.3	135.5	17,900 *	50
55	69.0	136.7	20,000 *	70.7	136.3	20,000 *	72.4	135.3	20,000 *	74.0	133.6	17,000 *	55
60	66.8	134.6	19,600	68.5	134.2	19,900	70.2	133.2	20,000 *	71.8	131.5	16,300 *	60
65	64.6	132.3	17,600	66.3	131.9	17,800	67.9	130.9	18,100	69.5	129.2	15,600 *	65
70	62.3	129.8	15,800	64.0	129.4	16,100	65.6	128.4	16,300	67.2	126.6	15,100 *	70
75	60.0	127.0	14,400	61.7	126.6	14,600	63.3	125.5	14,800	64.8	123.7	14,500 *	75
80	57.6	124.0	13,100	59.3	123.5	13,300	60.8	122.4	13,500	62.3	120.6	13,600	80
90	52.6	116.9	11,000	54.3	116.4	11,200	55.8	115.3	11,300				90
100	47.3	108.4	9,400	48.9	107.9	9,500	50.4	106.7	9,600				100
110	41.4	98.1	8,100	43.0	97.5	8,200							110
120	34.8	85.2	7,000										120
120 Ft. BOOM													
30	80.3	154.0	20,000 *										30
35	78.4	153.0	20,000 *	80.0	152.7	20,000 *							35
40	76.4	151.9	20,000 *	78.1	151.5	20,000 *	79.7	150.6	20,000 *				40
45	74.5	150.6	20,000 *	76.1	150.2	20,000 *	77.7	149.2	20,000 *	79.3	147.6	19,100 *	45
50	72.5	149.1	20,000 *	74.1	148.7	20,000 *	75.7	147.7	20,000 *	77.2	146.0	18,200 *	50
55	70.5	147.4	20,000 *	72.1	147.0	20,000 *	73.6	146.0	20,000 *	75.2	144.3	17,400 *	55
60	68.5	145.5	19,400	70.0	145.1	19,700	71.6	144.1	20,000 *	73.1	142.4	16,700 *	60
65	66.4	143.4	17,300	68.0	142.9	17,600	69.5	141.9	17,900	71.0	140.2	16,000 *	65
70	64.3	141.0	15,600	65.9	140.6	15,800	67.4	139.6	16,100	68.9	137.8	15,400 *	70
75	62.2	138.5	14,100	63.7	138.1	14,300	65.2	137.0	14,600	66.7	135.2	14,800	75
80	60.0	135.7	12,800	61.6	135.2	13,000	63.0	134.2	13,200	64.4	132.3	13,400	80
90	55.5	129.3	10,700	57.0	128.8	10,900	58.5	127.7	11,100	59.8	125.8	11,200	90
100	50.7	121.7	9,100	52.2	121.2	9,300	53.6	120.0	9,400				100
110	45.6	112.7	7,800	47.1	112.1	7,900							110
120	40.0	101.8	6,700	41.4	101.2	6,800							120
130	33.6	88.2	5,900										130

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30 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
130 Ft. BOOM													
30	80.9	164.2	20,000 *										30
35	79.1	163.3	20,000 *	80.6	162.9	20,000 *							35
40	77.3	162.2	20,000 *	78.8	161.8	20,000 *	80.3	160.8	20,000 *				40
45	75.5	160.9	20,000 *	77.0	160.5	20,000 *	78.5	159.6	20,000 *	80.0	157.9	19,500 *	45
50	73.6	159.5	20,000 *	75.1	159.1	20,000 *	76.6	158.2	20,000 *	78.1	156.5	18,600 *	50
55	71.8	158.0	20,000 *	73.2	157.5	20,000 *	74.7	156.6	20,000 *	76.2	154.9	17,800 *	55
60	69.9	156.2	19,100	71.4	155.8	19,500	72.8	154.8	19,800	74.2	153.1	17,100 *	60
65	67.9	154.2	17,100	69.4	153.8	17,400	70.9	152.8	17,700	72.3	151.1	16,400 *	65
70	66.0	152.1	15,300	67.5	151.7	15,600	68.9	150.6	15,900	70.3	148.9	15,800 *	70
75	64.0	149.7	13,900	65.5	149.3	14,100	66.9	148.2	14,400	68.3	146.4	14,600	75
80	62.0	147.2	12,600	63.5	146.7	12,800	64.9	145.6	13,000	66.2	143.8	13,200	80
90	57.9	141.3	10,500	59.4	140.8	10,700	60.7	139.7	10,900	62.0	137.8	11,000	90
100	53.6	134.4	8,900	55.0	133.9	9,000	56.3	132.8	9,200				100
110	49.0	126.3	7,600	50.4	125.8	7,700	51.7	124.6	7,800				110
120	44.1	116.8	6,500	45.5	116.2	6,600							120
130	38.6	105.3	5,600	40.0	104.7	5,700							130
140	32.5	91.2	4,900										140
140 Ft. BOOM													
35	79.8	173.4	20,000 *										35
40	78.1	172.4	20,000 *	79.5	172.0	20,000 *	80.9	171.1	20,000 *				40
45	76.3	171.3	20,000 *	77.8	170.9	20,000 *	79.2	169.9	20,000 *	80.6	168.2	19,700 *	45
50	74.6	170.0	20,000 *	76.0	169.5	20,000 *	77.4	168.6	20,000 *	78.8	166.9	18,900 *	50
55	72.9	168.5	20,000 *	74.3	168.1	20,000 *	75.6	167.1	20,000 *	77.0	165.4	18,100 *	55
60	71.1	166.8	18,900	72.5	166.4	19,300	73.9	165.4	19,700	75.2	163.7	17,400 *	60
65	69.3	165.0	16,900	70.7	164.6	17,200	72.1	163.6	17,500	73.4	161.8	16,700 *	65
70	67.5	163.0	15,100	68.9	162.6	15,400	70.2	161.5	15,700	71.6	159.8	16,000	70
75	65.7	160.8	13,600	67.1	160.4	13,900	68.4	159.3	14,200	69.7	157.5	14,400	75
80	63.8	158.4	12,400	65.2	158.0	12,600	66.5	156.9	12,900	67.8	155.1	13,100	80
90	60.0	153.0	10,300	61.4	152.6	10,500	62.7	151.5	10,700	63.9	149.6	10,900	90
100	56.0	146.7	8,700	57.4	146.2	8,800	58.7	145.1	9,000	59.8	143.1	9,100	100
110	51.9	139.4	7,300	53.2	138.9	7,500	54.4	137.6	7,600				110
120	47.4	130.8	6,300	48.8	130.3	6,400	50.0	129.0	6,500				120
130	42.7	120.7	5,400	44.0	120.1	5,500							130
140	37.4	108.7	4,600										140
150	31.5	94.0	4,000										150

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Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
150 Ft. BOOM													
35	80.3	183.6	20,000 *										35
40	78.7	182.6	20,000 *	80.1	182.2	20,000 *							40
45	77.1	181.6	20,000 *	78.5	181.1	20,000 *	79.8	180.2	20,000 *				45
50	75.5	180.3	20,000 *	76.8	179.9	20,000 *	78.1	178.9	20,000 *	79.5	177.2	19,200 *	50
55	73.8	178.9	20,000 *	75.2	178.5	20,000 *	76.5	177.5	20,000 *	77.8	175.8	18,400 *	55
60	72.2	177.4	18,700	73.5	177.0	19,100	74.8	175.9	19,500	76.1	174.2	17,700 *	60
65	70.5	175.7	16,600	71.8	175.2	17,000	73.1	174.2	17,300	74.4	172.5	17,100 *	65
70	68.8	173.8	14,900	70.1	173.4	15,200	71.4	172.3	15,500	72.7	170.5	15,800	70
75	67.1	171.7	13,400	68.4	171.3	13,700	69.7	170.3	14,000	70.9	168.5	14,200	75
80	65.4	169.5	12,100	66.7	169.1	12,400	67.9	168.0	12,700	69.1	166.2	12,900	80
90	61.8	164.5	10,000	63.1	164.0	10,300	64.3	162.9	10,500	65.5	161.1	10,700	90
100	58.1	158.6	8,400	59.4	158.2	8,600	60.6	157.0	8,800	61.8	155.1	8,900	100
110	54.3	151.9	7,100	55.6	151.4	7,300	56.8	150.2	7,400				110
120	50.3	144.1	6,000	51.6	143.6	6,200	52.7	142.3	6,300				120
130	46.0	135.1	5,100	47.3	134.5	5,200							130
140	41.4	124.5	4,400	42.7	123.9	4,500							140
150	36.4	112.0	3,700										150
160	30.6	96.8	3,200										160
160 Ft. BOOM													
35	80.9	193.7	20,000 *										35
40	79.3	192.8	20,000 *	80.6	192.4	20,000 *							40
45	77.8	191.8	20,000 *	79.1	191.4	20,000 *	80.3	190.4	20,000 *				45
50	76.3	190.6	20,000 *	77.5	190.2	20,000 *	78.8	189.2	20,000 *	80.0	187.5	19,400 *	50
55	74.7	189.3	20,000 *	76.0	188.9	20,000 *	77.2	187.9	20,000 *	78.5	186.2	18,700 *	55
60	73.1	187.9	18,500	74.4	187.4	18,900	75.6	186.4	19,300	76.9	184.7	18,000 *	60
65	71.6	186.2	16,400	72.8	185.8	16,800	74.0	184.8	17,100	75.3	183.0	17,300 *	65
70	70.0	184.5	14,600	71.2	184.1	15,000	72.4	183.0	15,300	73.6	181.2	15,600	70
75	68.4	182.6	13,200	69.6	182.1	13,500	70.8	181.1	13,800	72.0	179.3	14,000	75
80	66.7	180.5	11,900	68.0	180.0	12,200	69.2	179.0	12,400	70.3	177.2	12,700	80
90	63.4	175.8	9,800	64.7	175.3	10,000	65.8	174.2	10,300	67.0	172.4	10,500	90
100	60.0	170.3	8,100	61.2	169.9	8,400	62.4	168.7	8,500	63.5	166.8	8,700	100
110	56.5	164.1	6,800	57.7	163.6	7,000	58.8	162.4	7,200	59.8	160.4	7,300	110
120	52.8	156.9	5,700	54.0	156.4	5,900	55.1	155.2	6,000				120
130	48.9	148.7	4,800	50.1	148.2	5,000	51.1	146.9	5,100				130
140	44.7	139.2	4,100	45.9	138.7	4,200							140
150	40.3	128.2	3,400	41.4	127.6	3,500							150

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

30 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
170 Ft. BOOM													
40	79.9	203.0	20,000 *										40
45	78.4	202.0	20,000 *	79.6	201.6	20,000 *	80.8	200.6	20,000 *				45
50	77.0	200.9	20,000 *	78.2	200.5	20,000 *	79.4	199.5	20,000 *	80.6	197.8	19,600 *	50
55	75.5	199.7	20,000 *	76.7	199.3	20,000 *	77.9	198.3	20,000 *	79.1	196.5	18,900 *	55
60	74.0	198.3	18,200	75.2	197.9	18,700	76.4	196.9	19,100	77.6	195.1	18,200 *	60
65	72.5	196.8	16,100	73.7	196.3	16,500	74.9	195.3	16,900	76.0	193.6	17,300	65
70	71.0	195.1	14,400	72.2	194.7	14,800	73.4	193.6	15,100	74.5	191.9	15,400	70
75	69.5	193.3	12,900	70.7	192.9	13,200	71.8	191.8	13,600	73.0	190.0	13,800	75
80	68.0	191.3	11,600	69.1	190.9	11,900	70.3	189.8	12,200	71.4	188.0	12,500	80
90	64.8	186.9	9,500	66.0	186.5	9,800	67.1	185.4	10,000	68.2	183.5	10,300	90
100	61.6	181.8	7,900	62.8	181.3	8,100	63.9	180.2	8,300	65.0	178.3	8,500	100
110	58.3	176.0	6,600	59.5	175.5	6,800	60.6	174.4	7,000	61.6	172.4	7,100	110
120	54.9	169.3	5,500	56.1	168.8	5,700	57.1	167.6	5,800				120
130	51.3	161.8	4,600	52.5	161.3	4,700	53.5	160.0	4,900				130
140	47.6	153.2	3,800	48.7	152.6	4,000	49.7	151.3	4,100				140
150	43.5	143.3	3,200	44.7	142.7	3,300							150
180 Ft. BOOM													
40	80.4	213.2	20,000 *										40
45	79.0	212.2	20,000 *	80.1	211.8	20,000 *							45
50	77.6	211.2	20,000 *	78.7	210.8	20,000 *	79.9	209.8	20,000 *	81.0	208.0	19,900 *	50
55	76.2	210.0	20,000 *	77.3	209.6	20,000 *	78.5	208.6	20,000 *	79.6	206.8	19,100 *	55
60	74.8	208.7	18,000	75.9	208.3	18,500	77.0	207.2	18,900	78.2	205.5	18,500 *	60
65	73.4	207.2	15,900	74.5	206.8	16,300	75.6	205.8	16,700	76.7	204.0	17,100	65
70	71.9	205.7	14,200	73.1	205.2	14,600	74.2	204.2	14,900	75.3	202.4	15,300	70
75	70.5	203.9	12,700	71.6	203.5	13,000	72.7	202.5	13,400	73.8	200.7	13,700	75
80	69.1	202.1	11,400	70.2	201.6	11,700	71.3	200.6	12,000	72.4	198.8	12,300	80
90	66.1	197.9	9,300	67.2	197.5	9,600	68.3	196.4	9,800	69.4	194.5	10,100	90
100	63.1	193.1	7,700	64.2	192.7	7,900	65.3	191.6	8,100	66.3	189.7	8,300	100
110	60.0	187.7	6,300	61.1	187.2	6,600	62.1	186.0	6,700	63.1	184.1	6,900	110
120	56.8	181.4	5,300	57.9	181.0	5,400	58.9	179.8	5,600	59.9	177.7	5,800	120
130	53.5	174.4	4,400	54.6	173.9	4,500	55.6	172.7	4,700				130
140	50.0	166.5	3,600	51.1	166.0	3,700	52.1	164.7	3,900				140
150	46.3	157.5	3,000	47.4	156.9	3,100							150

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

30 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
190 Ft. BOOM													
40	80.8	223.3	17,200 *										40
45	79.5	222.4	17,100 *	80.6	222.0	20,000 *							45
50	78.2	221.4	16,600 *	79.3	221.0	20,000 *	80.3	220.0	20,000 *				50
55	76.8	220.3	16,600 *	77.9	219.9	20,000 *	79.0	218.9	20,000 *	80.1	217.1	19,400 *	55
60	75.5	219.0	16,600 *	76.6	218.6	18,300	77.7	217.6	18,700	78.7	215.8	18,700 *	60
65	74.1	217.7	15,700	75.2	217.2	16,100	76.3	216.2	16,500	77.4	214.4	16,900	65
70	72.8	216.2	13,900	73.9	215.7	14,300	74.9	214.7	14,700	76.0	212.9	15,100	70
75	71.4	214.5	12,500	72.5	214.1	12,800	73.6	213.1	13,200	74.6	211.3	13,500	75
80	70.0	212.8	11,200	71.1	212.3	11,500	72.2	211.3	11,800	73.2	209.5	12,100	80
90	67.3	208.8	9,100	68.3	208.4	9,400	69.4	207.3	9,600	70.4	205.4	9,900	90
100	64.4	204.3	7,400	65.5	203.8	7,700	66.5	202.7	7,900	67.5	200.8	8,100	100
110	61.5	199.1	6,100	62.6	198.7	6,300	63.6	197.5	6,500	64.5	195.6	6,700	110
120	58.5	193.3	5,000	59.5	192.8	5,200	60.5	191.7	5,400	61.4	189.7	5,500	120
130	55.4	186.8	4,100	56.4	186.3	4,300	57.4	185.0	4,400				130
140	52.2	179.4	3,400	53.2	178.9	3,500	54.1	177.6	3,600				140

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

40 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. BOOM													
25	80.2	114.2	20,000 *										25
30	77.6	113.1	20,000 *	80.5	112.6	20,000 *							30
35	74.9	111.8	20,000 *	77.8	111.3	20,000 *	80.7	110.1	20,000 *				35
40	72.2	110.2	20,000 *	75.0	109.7	20,000 *	78.0	108.5	19,900 *	80.9	106.5	14,800 *	40
45	69.4	108.3	20,000 *	72.3	107.8	20,000 *	75.1	106.6	18,200 *	78.0	104.6	13,800 *	45
50	66.6	106.2	20,000 *	69.4	105.6	20,000 *	72.3	104.4	16,900 *	75.1	102.4	13,000 *	50
55	63.7	103.8	20,000 *	66.5	103.2	18,800 *	69.4	101.9	15,700 *	72.1	99.9	12,300 *	55
60	60.8	101.0	20,000 *	63.6	100.4	17,300 *	66.3	99.1	14,600 *	69.0	97.0	11,600 *	60
65	57.7	97.9	18,600	60.5	97.3	16,000 *	63.2	95.9	13,800 *	65.9	93.7	11,100 *	65
70	54.6	94.4	16,900	57.3	93.7	14,800 *	60.0	92.3	13,000 *	62.5	90.0	10,600 *	70
75	51.3	90.4	15,400	54.0	89.8	13,900 *	56.6	88.3	12,300 *				75
80	47.8	86.0	14,100	50.5	85.3	13,000 *	53.1	83.7	11,700 *				80
90	40.2	75.2	12,100	42.8	74.4	11,700 *							90
80 Ft. BOOM													
25	81.0	124.4	20,000 *										25
30	78.6	123.4	20,000 *										30
35	76.2	122.2	20,000 *	78.8	121.6	20,000 *							35
40	73.7	120.7	20,000 *	76.3	120.2	20,000 *	79.0	118.9	20,000 *				40
45	71.2	119.0	20,000 *	73.8	118.5	20,000 *	76.5	117.2	19,000 *	79.1	115.2	14,200 *	45
50	68.7	117.1	20,000 *	71.3	116.5	20,000 *	73.9	115.3	17,600 *	76.5	113.2	13,400 *	50
55	66.1	114.9	20,000 *	68.7	114.3	20,000 *	71.2	113.0	16,400 *	73.8	110.9	12,600 *	55
60	63.4	112.4	20,000 *	66.0	111.8	18,500 *	68.6	110.5	15,400 *	71.1	108.3	12,000 *	60
65	60.7	109.7	18,300	63.3	109.0	17,100 *	65.8	107.7	14,500 *	68.2	105.5	11,400 *	65
70	57.9	106.6	16,600	60.5	105.9	15,900 *	62.9	104.5	13,700 *	65.3	102.2	11,000 *	70
75	55.0	103.1	15,100	57.6	102.4	14,900 *	60.0	101.0	13,000 *	62.3	98.6	10,500 *	75
80	52.0	99.3	13,800	54.5	98.6	14,000 *	56.9	97.1	12,400 *				80
90	45.6	90.2	11,800	48.1	89.4	11,900	50.4	87.7	11,300 *				90
100	38.4	78.6	10,200	40.8	77.8	10,300							100
90 Ft. BOOM													
30	79.5	133.6	20,000 *										30
35	77.3	132.5	20,000 *	79.7	131.9	20,000 *							35
40	75.0	131.2	20,000 *	77.4	130.6	20,000 *	79.9	129.3	20,000 *				40
45	72.7	129.6	20,000 *	75.1	129.0	20,000 *	77.6	127.8	19,700 *	80.0	125.7	14,500 *	45
50	70.4	127.8	20,000 *	72.8	127.3	20,000 *	75.2	126.0	18,300 *	77.6	123.9	13,700 *	50
55	68.0	125.8	20,000 *	70.4	125.2	20,000 *	72.8	123.9	17,100 *	75.2	121.8	13,000 *	55
60	65.6	123.6	20,000 *	68.0	123.0	19,700 *	70.4	121.7	16,000 *	72.7	119.5	12,400 *	60
65	63.2	121.1	18,100	65.5	120.5	18,300 *	67.9	119.1	15,100 *	70.2	116.9	11,800 *	65
70	60.7	118.3	16,300	63.0	117.7	16,600	65.3	116.3	14,300 *	67.6	114.0	11,300 *	70
75	58.1	115.2	14,900	60.4	114.6	15,100	62.7	113.1	13,600 *	64.9	110.8	10,900 *	75
80	55.4	111.8	13,600	57.8	111.1	13,800	60.0	109.7	13,000 *	62.1	107.2	10,500 *	80
90	49.8	103.9	11,500	52.1	103.2	11,700	54.3	101.6	11,900				90
100	43.7	94.2	9,900	46.0	93.4	10,000							100
110	36.8	81.9	8,600										110

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

40 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. BOOM													
30	80.3	143.8	20,000 *										30
35	78.2	142.8	20,000 *	80.4	142.2	20,000 *							35
40	76.1	141.5	20,000 *	78.3	140.9	20,000 *	80.6	139.7	20,000 *				40
45	74.0	140.1	20,000 *	76.2	139.5	20,000 *	78.5	138.2	20,000 *	80.8	136.1	14,700 *	45
50	71.8	138.5	20,000 *	74.1	137.9	20,000 *	76.3	136.6	18,900 *	78.6	134.4	14,000 *	50
55	69.7	136.6	20,000 *	71.9	136.0	20,000 *	74.1	134.7	17,700 *	76.3	132.5	13,300 *	55
60	67.5	134.6	19,900	69.7	134.0	20,000 *	71.9	132.6	16,700 *	74.1	130.4	12,700 *	60
65	65.2	132.3	17,900	67.4	131.7	18,200	69.6	130.3	15,700 *	71.8	128.0	12,100 *	65
70	62.9	129.8	16,100	65.1	129.1	16,400	67.3	127.7	14,900 *	69.4	125.4	11,600 *	70
75	60.6	127.0	14,700	62.8	126.3	14,900	64.9	124.9	14,200 *	67.0	122.5	11,200 *	75
80	58.2	123.9	13,400	60.4	123.2	13,600	62.5	121.8	13,500 *	64.5	119.3	10,800 *	80
90	53.2	116.9	11,300	55.4	116.1	11,500	57.4	114.6	11,700				90
100	47.9	108.4	9,700	50.0	107.6	9,800	52.0	105.9	10,000				100
110	42.0	98.0	8,400	44.1	97.1	8,500							110
120	35.4	85.1	7,300										120
110 Ft. BOOM													
30	80.9	154.0	20,000 *										30
35	79.0	153.0	20,000 *										35
40	77.0	151.9	20,000 *	79.1	151.3	20,000 *							40
45	75.1	150.5	20,000 *	77.2	149.9	20,000 *	79.3	148.6	20,000 *				45
50	73.1	149.0	20,000 *	75.2	148.4	20,000 *	77.3	147.1	19,500 *	79.4	144.9	14,200 *	50
55	71.1	147.3	20,000 *	73.2	146.7	20,000 *	75.3	145.3	18,300 *	77.3	143.1	13,500 *	55
60	69.0	145.4	19,700	71.1	144.8	20,000 *	73.2	143.4	17,200 *	75.2	141.2	12,900 *	60
65	67.0	143.3	17,600	69.0	142.7	18,000	71.1	141.3	16,300 *	73.1	139.0	12,400 *	65
70	64.9	141.0	15,900	66.9	140.3	16,200	69.0	138.9	15,500 *	70.9	136.6	11,900 *	70
75	62.7	138.4	14,400	64.8	137.8	14,700	66.8	136.3	14,700 *	68.7	133.9	11,500 *	75
80	60.6	135.6	13,200	62.6	135.0	13,400	64.6	133.5	13,700	66.5	131.1	11,100 *	80
90	56.1	129.2	11,100	58.1	128.5	11,300	60.0	127.0	11,500	61.8	124.4	10,400 *	90
100	51.3	121.7	9,400	53.3	120.9	9,600	55.1	119.2	9,800				100
110	46.2	112.6	8,100	48.1	111.8	8,300							110
120	40.5	101.7	7,100	42.4	100.8	7,200							120
130	34.1	88.1	6,200										130

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

40 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. BOOM													
35	79.7	163.2	20,000 *										35
40	77.8	162.1	20,000 *	79.8	161.5	20,000 *							40
45	76.0	160.9	20,000 *	78.0	160.3	20,000 *	80.0	158.9	20,000 *				45
50	74.2	159.5	20,000 *	76.1	158.9	20,000 *	78.1	157.5	20,000 *	80.1	155.3	14,400 *	50
55	72.3	157.9	20,000 *	74.3	157.3	20,000 *	76.2	155.9	18,800 *	78.2	153.7	13,800 *	55
60	70.4	156.1	19,400	72.4	155.5	19,900	74.3	154.1	17,800 *	76.2	151.8	13,200 *	60
65	68.5	154.2	17,400	70.4	153.5	17,800	72.4	152.1	16,800 *	74.3	149.8	12,700 *	65
70	66.5	152.0	15,600	68.5	151.4	16,000	70.4	149.9	16,000 *	72.3	147.6	12,200 *	70
75	64.6	149.7	14,200	66.5	149.0	14,500	68.4	147.6	14,800	70.2	145.2	11,700 *	75
80	62.6	147.1	12,900	64.5	146.4	13,200	66.4	144.9	13,400	68.2	142.5	11,300 *	80
90	58.4	141.2	10,800	60.3	140.5	11,000	62.2	139.0	11,300	63.9	136.5	10,700 *	90
100	54.1	134.4	9,200	56.0	133.6	9,400	57.8	132.0	9,600				100
110	49.5	126.3	7,900	51.4	125.5	8,000	53.1	123.7	8,200				110
120	44.6	116.7	6,800	46.4	115.8	6,900							120
130	39.2	105.2	5,900	40.9	104.3	6,000							130
140	33.0	91.1	5,200										140
130 Ft. BOOM													
35	80.3	173.4	20,000 *										35
40	78.6	172.4	20,000 *	80.4	171.8	20,000 *							40
45	76.8	171.2	20,000 *	78.7	170.6	20,000 *	80.6	169.2	20,000 *				45
50	75.1	169.9	20,000 *	77.0	169.3	20,000 *	78.8	167.9	20,000 *	80.7	165.6	14,600 *	50
55	73.4	168.4	20,000 *	75.2	167.8	20,000 *	77.1	166.4	19,300 *	78.9	164.1	14,000 *	55
60	71.6	166.8	19,200	73.4	166.1	19,700	75.3	164.7	18,300 *	77.1	162.4	13,400 *	60
65	69.8	164.9	17,100	71.6	164.3	17,600	73.5	162.9	17,300 *	75.3	160.5	12,900 *	65
70	68.0	162.9	15,400	69.8	162.3	15,800	71.6	160.8	16,100	73.4	158.5	12,400 *	70
75	66.2	160.7	13,900	68.0	160.1	14,300	69.8	158.6	14,600	71.5	156.2	12,000 *	75
80	64.3	158.3	12,600	66.1	157.7	13,000	67.9	156.2	13,200	69.6	153.8	11,600 *	80
90	60.5	153.0	10,600	62.3	152.2	10,800	64.0	150.7	11,100	65.7	148.2	10,900 *	90
100	56.5	146.6	8,900	58.3	145.9	9,100	60.0	144.3	9,400	61.6	141.7	9,500	100
110	52.4	139.3	7,600	54.1	138.5	7,800	55.8	136.8	8,000				110
120	47.9	130.7	6,500	49.7	129.9	6,700	51.3	128.1	6,800				120
130	43.2	120.6	5,600	44.9	119.7	5,800							130
140	37.9	108.6	4,900										140
150	32.0	93.9	4,300										150

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

40 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. BOOM													
35	80.8	183.5	20,000 *										35
40	79.2	182.6	20,000 *	81.0	182.0	20,000 *							40
45	77.6	181.5	20,000 *	79.4	180.9	20,000 *							45
50	76.0	180.3	20,000 *	77.7	179.6	20,000 *	79.5	178.2	20,000 *				50
55	74.3	178.9	20,000 *	76.1	178.2	20,000 *	77.8	176.8	19,800 *	79.6	174.5	14,200 *	55
60	72.7	177.3	19,000	74.4	176.7	19,500	76.1	175.3	18,800 *	77.9	172.9	13,600 *	60
65	71.0	175.6	16,900	72.7	174.9	17,400	74.4	173.5	17,800	76.2	171.2	13,100 *	65
70	69.3	173.7	15,200	71.0	173.1	15,600	72.7	171.6	16,000	74.4	169.2	12,700 *	70
75	67.6	171.7	13,700	69.3	171.0	14,100	71.0	169.5	14,400	72.7	167.1	12,200 *	75
80	65.8	169.4	12,400	67.6	168.8	12,800	69.2	167.3	13,100	70.9	164.8	11,800 *	80
90	62.3	164.4	10,300	64.0	163.7	10,600	65.6	162.2	10,900	67.2	159.7	11,100	90
100	58.6	158.6	8,700	60.3	157.9	8,900	61.9	156.3	9,200	63.4	153.7	9,400	100
110	54.8	151.8	7,400	56.5	151.1	7,600	58.0	149.4	7,800				110
120	50.8	144.0	6,300	52.4	143.2	6,500	53.9	141.5	6,600				120
130	46.5	135.0	5,400	48.1	134.1	5,600							130
140	41.9	124.5	4,700	43.5	123.5	4,800							140
150	36.8	111.9	4,000										150
160	31.0	96.7	3,500										160
150 Ft. BOOM													
40	79.8	192.8	20,000 *										40
45	78.3	191.8	20,000 *	79.9	191.1	20,000 *							45
50	76.7	190.6	20,000 *	78.4	189.9	20,000 *	80.1	188.5	20,000 *				50
55	75.2	189.3	20,000 *	76.8	188.6	20,000 *	78.5	187.2	20,000 *	80.2	184.9	14,400 *	55
60	73.6	187.8	18,800	75.2	187.1	19,300	76.9	185.7	19,200 *	78.6	183.4	13,800 *	60
65	72.0	186.2	16,700	73.7	185.5	17,200	75.3	184.1	17,600	76.9	181.7	13,300 *	65
70	70.4	184.4	14,900	72.1	183.8	15,400	73.7	182.3	15,800	75.3	179.9	12,900 *	70
75	68.8	182.5	13,500	70.4	181.8	13,800	72.1	180.4	14,200	73.6	177.9	12,400 *	75
80	67.2	180.4	12,200	68.8	179.7	12,500	70.4	178.2	12,900	72.0	175.8	12,100 *	80
90	63.9	175.7	10,100	65.5	175.0	10,400	67.1	173.5	10,700	68.6	171.0	10,900	90
100	60.4	170.3	8,500	62.0	169.5	8,700	63.6	168.0	9,000	65.0	165.4	9,200	100
110	56.9	164.0	7,100	58.5	163.3	7,400	60.0	161.6	7,600	61.4	158.9	7,700	110
120	53.2	156.9	6,100	54.8	156.1	6,300	56.2	154.3	6,400				120
130	49.3	148.6	5,200	50.9	147.8	5,300	52.3	146.0	5,500				130
140	45.2	139.2	4,400	46.7	138.3	4,500							140
150	40.7	128.2	3,800	42.2	127.2	3,900							150
160	35.8	115.2	3,200										160

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

40 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. BOOM													
40	80.3	203.0	20,000 *										40
45	78.8	202.0	20,000 *	80.4	201.3	20,000 *							45
50	77.4	200.9	20,000 *	79.0	200.2	20,000 *	80.6	198.8	20,000 *				50
55	75.9	199.6	20,000 *	77.5	199.0	20,000 *	79.1	197.5	20,000 *	80.7	195.2	14,600 *	55
60	74.4	198.2	18,500	76.0	197.6	19,100	77.6	196.1	19,600	79.2	193.8	14,000 *	60
65	72.9	196.7	16,400	74.5	196.1	16,900	76.1	194.6	17,400	77.6	192.2	13,500 *	65
70	71.4	195.0	14,700	73.0	194.4	15,100	74.6	192.9	15,600	76.1	190.5	13,100 *	70
75	69.9	193.2	13,200	71.5	192.6	13,600	73.0	191.1	14,000	74.5	188.7	12,600 *	75
80	68.4	191.3	11,900	69.9	190.6	12,300	71.5	189.1	12,700	73.0	186.6	12,300 *	80
90	65.3	186.8	9,800	66.8	186.1	10,200	68.3	184.6	10,500	69.8	182.1	10,700	90
100	62.1	181.7	8,200	63.6	181.0	8,500	65.1	179.5	8,700	66.5	176.9	9,000	100
110	58.8	175.9	6,900	60.3	175.2	7,100	61.7	173.5	7,300	63.1	170.9	7,500	110
120	55.3	169.3	5,800	56.8	168.5	6,000	58.2	166.8	6,200				120
130	51.8	161.7	4,900	53.2	160.9	5,100	54.6	159.1	5,200				130
140	48.0	153.1	4,100	49.4	152.2	4,300	50.8	150.3	4,400				140
150	44.0	143.2	3,500	45.4	142.3	3,600							150
160				41.0	130.7	3,000							160
170 Ft. BOOM													
40	80.8	213.1	20,000 *										40
45	79.4	212.2	20,000 *	80.9	211.5	20,000 *							45
50	78.0	211.1	20,000 *	79.5	210.5	20,000 *	81.0	209.0	20,000 *				50
55	76.6	209.9	20,000 *	78.1	209.3	20,000 *	79.6	207.9	20,000 *				55
60	75.2	208.6	18,300	76.7	208.0	18,900	78.2	206.5	19,400	79.7	204.2	14,200 *	60
65	73.8	207.2	16,200	75.3	206.5	16,700	76.8	205.1	17,200	78.3	202.7	13,700 *	65
70	72.4	205.6	14,500	73.8	204.9	14,900	75.3	203.5	15,400	76.8	201.1	13,200 *	70
75	70.9	203.9	13,000	72.4	203.2	13,400	73.9	201.7	13,800	75.3	199.3	12,800 *	75
80	69.5	202.0	11,700	70.9	201.3	12,100	72.4	199.8	12,500	73.8	197.4	12,400 *	80
90	66.5	197.8	9,600	68.0	197.2	9,900	69.4	195.6	10,300	70.8	193.1	10,500	90
100	63.5	193.1	7,900	65.0	192.3	8,200	66.4	190.8	8,500	67.7	188.2	8,800	100
110	60.4	187.6	6,600	61.9	186.8	6,900	63.2	185.2	7,100	64.5	182.6	7,300	110
120	57.2	181.4	5,500	58.6	180.6	5,800	60.0	178.9	6,000	61.2	176.2	6,200	120
130	53.9	174.4	4,600	55.3	173.6	4,800	56.6	171.8	5,000				130
140	50.4	166.4	3,900	51.8	165.6	4,000	53.1	163.7	4,200				140
150	46.7	157.4	3,200	48.1	156.5	3,400							150

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

40 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. BOOM													
45	79.9	222.4	20,000 *										45
50	78.5	221.4	20,000 *	80.0	220.7	20,000 *							50
55	77.2	220.2	20,000 *	78.7	219.6	20,000 *	80.1	218.1	20,000 *				55
60	75.9	219.0	18,100	77.3	218.3	18,700	78.8	216.9	19,200	80.2	214.5	14,300 *	60
65	74.5	217.6	16,000	76.0	216.9	16,500	77.4	215.5	17,100	78.8	213.1	13,900 *	65
70	73.2	216.1	14,200	74.6	215.4	14,700	76.0	214.0	15,200	77.4	211.5	13,400 *	70
75	71.8	214.5	12,700	73.2	213.8	13,200	74.6	212.3	13,600	76.0	209.9	13,000 *	75
80	70.4	212.7	11,500	71.9	212.0	11,900	73.3	210.5	12,300	74.6	208.1	12,600 *	80
90	67.6	208.8	9,400	69.1	208.1	9,700	70.4	206.5	10,100	71.8	204.0	10,400	90
100	64.8	204.2	7,700	66.2	203.5	8,000	67.6	201.9	8,300	68.9	199.4	8,600	100
110	61.9	199.1	6,400	63.3	198.3	6,700	64.6	196.7	6,900	65.9	194.1	7,100	110
120	58.9	193.2	5,300	60.2	192.5	5,500	61.6	190.8	5,800	62.8	188.1	6,000	120
130	55.8	186.7	4,400	57.1	185.9	4,600	58.4	184.2	4,800				130
140	52.5	179.3	3,600	53.9	178.5	3,800	55.1	176.7	4,000				140
150	49.2	171.0	3,000	50.5	170.1	3,200	51.7	168.2	3,300				150
190 Ft. BOOM													
45	80.3	232.5	17,000 *										45
50	79.1	231.6	17,000 *	80.4	230.9	20,000 *							50
55	77.8	230.5	17,000 *	79.2	229.8	20,000 *	80.5	228.4	20,000 *				55
60	76.5	229.3	17,000 *	77.9	228.6	18,500	79.3	227.2	19,100	80.6	224.8	14,500 *	60
65	75.2	228.0	15,700	76.6	227.3	16,300	78.0	225.9	16,900	79.3	223.4	14,000 *	65
70	73.9	226.6	14,000	75.3	225.9	14,500	76.7	224.4	15,000	78.0	222.0	13,600 *	70
75	72.6	225.0	12,500	74.0	224.3	13,000	75.3	222.8	13,400	76.7	220.4	13,200 *	75
80	71.3	223.3	11,200	72.7	222.6	11,700	74.0	221.1	12,100	75.3	218.7	12,500	80
90	68.7	219.6	9,100	70.0	218.9	9,500	71.3	217.3	9,900	72.6	214.8	10,200	90
100	66.0	215.3	7,500	67.3	214.6	7,800	68.6	213.0	8,100	69.9	210.4	8,400	100
110	63.2	210.4	6,100	64.5	209.7	6,400	65.8	208.1	6,700	67.0	205.4	7,000	110
120	60.4	204.9	5,100	61.7	204.2	5,300	63.0	202.5	5,600	64.1	199.8	5,800	120
130	57.5	198.7	4,200	58.8	198.0	4,400	60.0	196.3	4,600	61.1	193.5	4,800	130
140	54.4	191.8	3,400	55.7	191.0	3,600	56.9	189.3	3,800				140
150							53.8	181.4	3,100				150

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

50 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. BOOM													
30	79.1	123.4	20,000 *										30
35	76.7	122.1	20,000 *	80.0	121.5	20,000 *							35
40	74.2	120.7	20,000 *	77.6	120.0	20,000 *	80.9	118.6	16,900 *				40
45	71.7	119.0	20,000 *	75.0	118.3	19,500 *	78.4	116.9	15,500 *				45
50	69.2	117.1	20,000 *	72.5	116.4	17,600 *	75.8	115.0	14,300 *	79.1	112.7	11,000 *	50
55	66.6	114.9	19,800 *	69.9	114.2	16,000 *	73.1	112.7	13,300 *	76.4	110.4	10,400 *	55
60	63.9	112.4	18,100 *	67.2	111.7	14,700 *	70.4	110.2	12,400 *	73.7	107.8	9,800 *	60
65	61.2	109.6	16,400 *	64.5	108.9	13,600 *	67.7	107.4	11,600 *	70.8	104.9	9,300 *	65
70	58.4	106.5	14,900 *	61.7	105.8	12,600 *	64.8	104.2	10,900 *	67.9	101.6	8,900 *	70
75	55.5	103.1	13,700 *	58.7	102.3	11,800 *	61.9	100.6	10,300 *	64.8	98.0	8,500 *	75
80	52.5	99.2	12,700 *	55.7	98.4	11,000 *	58.8	96.7	9,800 *	61.7	93.9	8,100 *	80
90	46.1	90.1	11,000 *	49.3	89.2	9,800 *	52.2	87.3	9,000 *				90
100	38.9	78.6	9,700 *	41.9	77.6	8,900 *							100
80 Ft. BOOM													
30	80.0	133.6	20,000 *										30
35	77.7	132.5	20,000 *	80.8	131.8	20,000 *							35
40	75.5	131.1	20,000 *	78.5	130.4	20,000 *							40
45	73.2	129.6	20,000 *	76.2	128.9	20,000 *	79.3	127.4	16,000 *				45
50	70.8	127.8	20,000 *	73.9	127.1	18,700 *	77.0	125.6	14,800 *	80.0	123.2	11,300 *	50
55	68.5	125.8	20,000 *	71.5	125.1	17,000 *	74.6	123.6	13,800 *	77.6	121.1	10,600 *	55
60	66.1	123.6	19,500 *	69.1	122.8	15,600 *	72.1	121.3	12,900 *	75.1	118.8	10,100 *	60
65	63.6	121.1	18,000 *	66.6	120.3	14,500 *	69.6	118.7	12,100 *	72.5	116.2	9,600 *	65
70	61.1	118.3	16,400 *	64.1	117.5	13,500 *	67.1	115.9	11,400 *	69.9	113.3	9,100 *	70
75	58.5	115.2	15,000 *	61.5	114.4	12,600 *	64.4	112.7	10,800 *	67.2	110.1	8,700 *	75
80	55.9	111.8	13,900 *	58.9	111.0	11,800 *	61.7	109.3	10,300 *	64.4	106.5	8,400 *	80
90	50.3	103.9	11,800 *	53.2	103.0	10,500 *	56.0	101.1	9,400 *				90
100	44.2	94.1	10,200 *	47.0	93.2	9,500 *							100
110	37.3	81.9	8,900 *										110
90 Ft. BOOM													
30	80.7	143.8	20,000 *										30
35	78.6	142.7	20,000 *										35
40	76.5	141.5	20,000 *	79.4	140.8	20,000 *							40
45	74.4	140.1	20,000 *	77.3	139.4	20,000 *	80.1	137.8	16,500 *				45
50	72.3	138.4	20,000 *	75.1	137.7	19,700 *	78.0	136.2	15,300 *	80.8	133.7	11,500 *	50
55	70.1	136.6	20,000 *	72.9	135.9	18,000 *	75.7	134.3	14,300 *	78.6	131.8	10,800 *	55
60	67.9	134.6	19,800 *	70.7	133.8	16,600 *	73.5	132.2	13,400 *	76.3	129.7	10,300 *	60
65	65.7	132.3	18,100 *	68.5	131.5	15,300 *	71.2	129.9	12,600 *	73.9	127.3	9,800 *	65
70	63.4	129.7	16,400 *	66.2	128.9	14,300 *	68.9	127.3	11,900 *	71.6	124.6	9,400 *	70
75	61.0	126.9	14,900 *	63.8	126.1	13,400 *	66.5	124.4	11,300 *	69.1	121.7	9,000 *	75
80	58.7	123.9	13,600 *	61.4	123.0	12,500 *	64.1	121.3	10,800 *	66.6	118.5	8,700 *	80
90	53.7	116.8	11,600 *	56.4	115.9	11,200 *	59.0	114.1	9,800 *	61.4	111.1	8,100 *	90
100	48.3	108.3	9,900 *	51.0	107.4	10,100 *	53.5	105.4	9,100 *				100
110	42.5	98.0	8,600 *	45.1	96.9	8,800 *							110
120	35.8	85.1	7,600 *										120

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

50 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. BOOM													
35	79.4	153.0	20,000 *										35
40	77.4	151.8	20,000 *	80.1	151.1	20,000 *							40
45	75.5	150.5	20,000 *	78.1	149.8	20,000 *	80.8	148.2	16,900 *				45
50	73.5	149.0	20,000 *	76.1	148.2	20,000 *	78.8	146.7	15,700 *				50
55	71.5	147.3	20,000 *	74.1	146.5	18,900 *	76.8	144.9	14,700 *	79.4	142.4	11,000 *	55
60	69.4	145.4	19,800 *	72.1	144.6	17,400 *	74.7	143.0	13,800 *	77.3	140.4	10,500 *	60
65	67.4	143.3	17,900	70.0	142.5	16,200 *	72.6	140.8	13,000 *	75.1	138.2	10,000 *	65
70	65.3	140.9	16,200	67.9	140.1	15,100 *	70.5	138.5	12,400 *	73.0	135.8	9,600 *	70
75	63.1	138.4	14,700	65.7	137.6	14,100 *	68.3	135.9	11,700 *	70.7	133.1	9,200 *	75
80	61.0	135.6	13,400	63.6	134.8	13,300 *	66.1	133.0	11,200 *	68.5	130.2	8,900 *	80
90	56.5	129.2	11,300	59.0	128.3	11,600	61.5	126.5	10,200 *	63.8	123.5	8,300 *	90
100	51.7	121.6	9,700	54.2	120.7	9,900	56.6	118.7	9,500 *				100
110	46.6	112.6	8,400	49.0	111.5	8,600	51.3	109.4	8,700				110
120	40.9	101.6	7,300	43.3	100.5	7,500							120
130	34.5	88.1	6,500										130
110 Ft. BOOM													
35	80.1	163.2	20,000 *										35
40	78.2	162.1	20,000 *	80.7	161.3	20,000 *							40
45	76.4	160.9	20,000 *	78.9	160.1	20,000 *							45
50	74.5	159.5	20,000 *	77.0	158.7	19,900 *	79.5	157.1	16,100 *				50
55	72.7	157.9	20,000 *	75.2	157.1	19,500 *	77.6	155.5	15,100 *	80.1	152.8	11,200 *	55
60	70.8	156.1	19,700	73.3	155.3	18,300 *	75.7	153.7	14,200 *	78.2	151.0	10,700 *	60
65	68.9	154.1	17,700	71.3	153.3	17,000 *	73.8	151.7	13,500 *	76.2	149.0	10,200 *	65
70	66.9	152.0	15,900	69.4	151.2	15,800 *	71.8	149.5	12,800 *	74.2	146.8	9,800 *	70
75	65.0	149.6	14,500	67.4	148.8	14,800	69.8	147.1	12,100 *	72.1	144.3	9,400 *	75
80	63.0	147.1	13,200	65.4	146.2	13,500	67.8	144.5	11,600 *	70.0	141.6	9,100 *	80
90	58.8	141.2	11,100	61.2	140.3	11,400	63.5	138.5	10,600 *	65.7	135.5	8,500 *	90
100	54.5	134.3	9,500	56.9	133.4	9,700	59.1	131.5	9,800 *	61.2	128.3	8,000 *	100
110	49.9	126.2	8,200	52.2	125.2	8,400	54.4	123.2	8,500				110
120	45.0	116.7	7,100	47.3	115.6	7,300							120
130	39.5	105.2	6,200	41.8	104.0	6,300							130
140	33.4	91.0	5,500										140

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

50 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. BOOM													
35	80.6	173.3	20,000 *										35
40	78.9	172.3	20,000 *										40
45	77.2	171.2	20,000 *	79.6	170.4	20,000 *							45
50	75.5	169.9	20,000 *	77.8	169.1	19,800 *	80.2	167.4	16,500 *				50
55	73.7	168.4	20,000 *	76.1	167.6	19,400 *	78.4	165.9	15,500 *	80.7	163.3	11,400 *	55
60	72.0	166.7	19,500	74.3	165.9	19,000 *	76.6	164.2	14,600 *	78.9	161.6	10,900 *	60
65	70.2	164.9	17,400	72.5	164.1	17,800 *	74.8	162.4	13,800 *	77.1	159.7	10,400 *	65
70	68.4	162.9	15,700	70.7	162.1	16,100	73.0	160.4	13,100 *	75.2	157.6	10,000 *	70
75	66.5	160.7	14,200	68.8	159.9	14,600	71.1	158.1	12,500 *	73.3	155.3	9,600 *	75
80	64.7	158.3	12,900	67.0	157.5	13,300	69.2	155.7	12,000 *	71.4	152.8	9,300 *	80
90	60.9	152.9	10,800	63.1	152.0	11,100	65.3	150.2	11,000 *	67.4	147.2	8,700 *	90
100	56.9	146.6	9,200	59.1	145.7	9,500	61.3	143.8	9,700	63.3	140.7	8,200 *	100
110	52.7	139.2	7,900	54.9	138.3	8,100	57.0	136.2	8,300				110
120	48.3	130.7	6,800	50.5	129.6	7,000	52.5	127.5	7,200				120
130	43.5	120.6	5,900	45.7	119.5	6,100							130
140	38.3	108.6	5,200										140
150	32.3	93.9	4,500										150
130 Ft. BOOM													
40	79.6	182.6	20,000 *										40
45	77.9	181.5	20,000 *	80.2	180.7	19,900 *							45
50	76.3	180.2	20,000 *	78.5	179.4	19,600 *	80.8	177.7	16,800 *				50
55	74.7	178.8	20,000 *	76.9	178.0	19,300 *	79.1	176.3	15,800 *				55
60	73.0	177.3	19,300	75.2	176.5	18,900 *	77.4	174.8	15,000 *	79.6	172.0	11,000 *	60
65	71.3	175.6	17,200	73.5	174.7	17,700	75.7	173.0	14,200 *	77.8	170.3	10,600 *	65
70	69.6	173.7	15,400	71.8	172.9	15,900	74.0	171.1	13,500 *	76.1	168.3	10,200 *	70
75	67.9	171.6	14,000	70.1	170.8	14,400	72.2	169.0	12,900 *	74.3	166.2	9,800 *	75
80	66.2	169.4	12,700	68.3	168.6	13,100	70.5	166.8	12,300 *	72.5	163.9	9,500 *	80
90	62.6	164.4	10,600	64.8	163.5	10,900	66.9	161.7	11,200	68.9	158.7	8,900 *	90
100	59.0	158.5	9,000	61.1	157.6	9,200	63.1	155.7	9,500	65.0	152.6	8,400 *	100
110	55.1	151.8	7,600	57.2	150.8	7,900	59.2	148.8	8,100	61.1	145.6	7,900 *	110
120	51.1	144.0	6,600	53.2	143.0	6,800	55.1	140.9	7,000				120
130	46.8	135.0	5,700	48.9	133.9	5,800	50.7	131.6	6,000				130
140	42.2	124.4	4,900	44.2	123.2	5,100							140
150	37.1	111.9	4,300										150
160	31.3	96.6	3,700										160

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

50 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. BOOM													
40	80.1	192.8	20,000 *										40
45	78.6	191.7	20,000 *	80.7	190.9	19,600 *							45
50	77.0	190.5	20,000 *	79.1	189.7	19,300 *							50
55	75.5	189.2	19,700 *	77.6	188.4	19,100 *	79.7	186.7	16,200 *				55
60	73.9	187.8	19,000	76.0	186.9	18,800 *	78.1	185.2	15,300 *	80.2	182.4	11,200 *	60
65	72.3	186.2	17,000	74.4	185.3	17,500	76.5	183.6	14,500 *	78.5	180.8	10,700 *	65
70	70.7	184.4	15,200	72.8	183.5	15,700	74.9	181.8	13,800 *	76.9	179.0	10,300 *	70
75	69.1	182.5	13,700	71.2	181.6	14,200	73.2	179.8	13,200 *	75.2	177.0	10,000 *	75
80	67.5	180.4	12,500	69.6	179.5	12,900	71.6	177.7	12,600 *	73.6	174.8	9,600 *	80
90	64.2	175.7	10,400	66.2	174.8	10,700	68.2	172.9	11,000	70.1	170.0	9,000 *	90
100	60.8	170.2	8,700	62.8	169.3	9,000	64.7	167.4	9,300	66.6	164.3	8,500 *	100
110	57.2	164.0	7,400	59.2	163.0	7,700	61.1	161.0	7,900	62.9	157.8	8,100 *	110
120	53.5	156.8	6,300	55.5	155.8	6,600	57.4	153.7	6,800				120
130	49.6	148.6	5,400	51.6	147.5	5,600	53.4	145.3	5,800				130
140	45.5	139.1	4,700	47.4	138.0	4,800							140
150	41.0	128.1	4,000	42.9	126.9	4,200							150
160	36.1	115.1	3,500										160
150 Ft. BOOM													
40	80.6	202.9	20,000 *										40
45	79.2	201.9	20,000 *										45
50	77.7	200.8	19,600 *	79.7	200.0	19,000 *							50
55	76.2	199.6	19,300 *	78.2	198.8	18,800 *	80.2	197.0	16,500 *				55
60	74.7	198.2	18,800	76.7	197.4	18,600 *	78.7	195.6	15,600 *	80.7	192.8	11,300 *	60
65	73.2	196.7	16,700	75.2	195.8	17,300	77.2	194.1	14,900 *	79.1	191.2	10,900 *	65
70	71.7	195.0	15,000	73.7	194.2	15,500	75.7	192.4	14,200 *	77.6	189.5	10,500 *	70
75	70.2	193.2	13,500	72.2	192.3	14,000	74.1	190.5	13,500 *	76.0	187.7	10,100 *	75
80	68.7	191.2	12,200	70.7	190.4	12,700	72.6	188.5	13,000 *	74.5	185.6	9,800 *	80
90	65.6	186.8	10,100	67.5	185.9	10,500	69.4	184.1	10,800	71.2	181.1	9,200 *	90
100	62.4	181.7	8,500	64.3	180.8	8,800	66.2	178.9	9,100	67.9	175.8	8,700 *	100
110	59.1	175.9	7,200	61.0	174.9	7,400	62.8	172.9	7,700	64.5	169.8	7,900	110
120	55.6	169.2	6,100	57.5	168.2	6,300	59.3	166.2	6,600	60.9	162.9	6,800	120
130	52.1	161.7	5,200	53.9	160.6	5,400	55.7	158.5	5,600				130
140	48.3	153.0	4,400	50.1	151.9	4,600	51.8	149.6	4,800				140
150	44.3	143.1	3,800	46.1	142.0	3,900							150
160	39.9	131.7	3,200	41.7	130.4	3,400							160

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

50 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. BOOM													
45	79.7	212.1	19,400 *										45
50	78.3	211.1	19,200 *	80.2	210.3	18,700 *							50
55	76.9	209.9	18,900 *	78.8	209.1	18,500 *	80.7	207.3	16,800 *				55
60	75.5	208.6	18,600	77.4	207.7	18,200 *	79.3	206.0	15,900 *				60
65	74.1	207.1	16,500	76.0	206.3	17,100	77.8	204.5	15,200 *	79.7	201.7	11,000 *	65
70	72.6	205.6	14,700	74.5	204.7	15,300	76.4	202.9	14,500 *	78.2	200.0	10,600 *	70
75	71.2	203.8	13,200	73.1	203.0	13,800	74.9	201.2	13,800 *	76.8	198.3	10,300 *	75
80	69.8	202.0	12,000	71.6	201.1	12,400	73.5	199.3	12,900	75.3	196.4	9,900 *	80
90	66.8	197.8	9,900	68.7	196.9	10,300	70.5	195.1	10,600	72.2	192.1	9,300 *	90
100	63.8	193.0	8,200	65.6	192.1	8,600	67.4	190.2	8,900	69.1	187.1	8,800 *	100
110	60.7	187.5	6,900	62.5	186.6	7,200	64.3	184.6	7,500	65.9	181.5	7,700	110
120	57.5	181.3	5,800	59.3	180.4	6,100	61.0	178.3	6,300	62.6	175.0	6,500	120
130	54.2	174.3	4,900	56.0	173.3	5,100	57.6	171.2	5,400				130
140	50.7	166.4	4,100	52.5	165.3	4,400	54.1	163.1	4,500				140
150	47.0	157.3	3,500	48.8	156.2	3,700	50.3	153.8	3,800				150
160				44.8	145.8	3,100							160
170 Ft. BOOM													
45	80.1	222.3	18,700 *										45
50	78.8	221.3	18,500 *	80.6	220.5	18,200 *							50
55	77.5	220.2	18,300 *	79.3	219.4	18,000 *							55
60	76.2	218.9	18,000 *	78.0	218.1	17,800 *	79.8	216.3	16,200 *				60
65	74.8	217.6	16,200	76.6	216.7	16,900	78.4	214.9	15,400 *	80.2	212.0	11,100 *	65
70	73.5	216.1	14,500	75.3	215.2	15,100	77.0	213.4	14,800 *	78.8	210.5	10,700 *	70
75	72.1	214.4	13,000	73.9	213.6	13,500	75.7	211.7	14,100	77.4	208.8	10,400 *	75
80	70.7	212.7	11,700	72.5	211.8	12,200	74.3	209.9	12,700	76.0	207.0	10,100 *	80
90	67.9	208.7	9,600	69.7	207.8	10,000	71.4	205.9	10,400	73.1	202.9	9,500 *	90
100	65.1	204.2	8,000	66.8	203.3	8,300	68.6	201.3	8,700	70.2	198.3	9,000 *	100
110	62.2	199.0	6,600	63.9	198.1	7,000	65.6	196.1	7,300	67.2	193.0	7,600	110
120	59.1	193.2	5,600	60.9	192.2	5,800	62.5	190.2	6,100	64.1	186.9	6,400	120
130	56.0	186.6	4,700	57.8	185.6	4,900	59.4	183.5	5,100	60.8	180.1	5,300	130
140	52.8	179.3	3,900	54.5	178.2	4,100	56.1	176.0	4,300				140
150	49.4	170.9	3,200	51.1	169.8	3,400	52.6	167.5	3,600				150

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

50 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. BOOM													
45	80.6	232.5	18,000 *										45
50	79.3	231.5	17,800 *										50
55	78.0	230.5	17,600 *	79.8	229.6	17,600 *							55
60	76.8	229.3	17,400 *	78.5	228.4	17,400 *	80.2	226.6	16,400 *				60
65	75.5	228.0	16,000	77.2	227.1	16,700	78.9	225.3	15,700 *	80.6	222.4	11,200 *	65
70	74.2	226.5	14,300	75.9	225.7	14,900	77.6	223.8	15,000 *	79.3	220.9	10,800 *	70
75	72.9	225.0	12,800	74.6	224.1	13,300	76.3	222.3	13,900	78.0	219.3	10,500 *	75
80	71.6	223.3	11,500	73.3	222.4	12,000	75.0	220.6	12,500	76.6	217.6	10,200 *	80
90	68.9	219.5	9,400	70.6	218.6	9,800	72.3	216.7	10,300	73.9	213.7	9,600 *	90
100	66.2	215.2	7,700	67.9	214.3	8,100	69.6	212.4	8,500	71.1	209.3	8,800	100
110	63.5	210.4	6,400	65.1	209.4	6,800	66.8	207.4	7,100	68.3	204.3	7,400	110
120	60.6	204.9	5,300	62.3	203.9	5,600	63.9	201.9	5,900	65.4	198.6	6,200	120
130	57.7	198.7	4,400	59.4	197.7	4,700	60.9	195.6	4,900	62.4	192.2	5,200	130
140	54.7	191.8	3,700	56.3	190.8	3,900	57.9	188.6	4,100				140
150	51.6	184.1	3,000	53.2	183.0	3,200	54.7	180.7	3,400				150

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

60 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. BOOM													
30	80.3	133.6	18,200 *										30
35	78.0	132.5	17,800 *										35
40	75.8	131.1	17,500 *	79.5	130.4	16,800 *							40
45	73.5	129.6	17,000 *	77.2	128.8	16,200 *	81.0	127.3	13,600 *				45
50	71.2	127.8	16,400 *	74.8	127.1	15,500 *	78.6	125.5	12,500 *				50
55	68.8	125.8	15,800 *	72.5	125.0	14,100 *	76.2	123.5	11,600 *	79.9	120.9	9,000 *	55
60	66.4	123.6	15,300 *	70.1	122.8	12,900 *	73.7	121.2	10,800 *	77.4	118.5	8,500 *	60
65	63.9	121.1	14,500 *	67.6	120.3	11,900 *	71.2	118.6	10,100 *	74.8	115.9	8,000 *	65
70	61.4	118.3	13,200 *	65.1	117.5	11,100 *	68.7	115.8	9,500 *	72.2	113.0	7,600 *	70
75	58.9	115.2	12,100 *	62.5	114.4	10,300 *	66.0	112.6	9,000 *	69.5	109.8	7,300 *	75
80	56.2	111.8	11,200 *	59.8	110.9	9,700 *	63.3	109.1	8,500 *	66.7	106.2	6,900 *	80
90	50.6	103.9	9,700 *	54.2	102.9	8,600 *	57.6	101.0	7,700 *	60.8	97.8	6,400 *	90
100	44.5	94.1	8,500 *	48.0	93.1	7,700 *	51.2	90.9	7,100 *				100
110	37.6	81.9	7,600 *										110
80 Ft. BOOM													
30	81.0	143.8	17,900 *										30
35	78.9	142.7	17,600 *										35
40	76.8	141.5	17,300 *	80.3	140.7	16,800 *							40
45	74.7	140.1	17,000 *	78.1	139.3	16,300 *							45
50	72.6	138.4	16,600 *	76.0	137.7	15,800 *	79.5	136.0	12,900 *				50
55	70.4	136.6	16,000 *	73.8	135.8	14,900 *	77.2	134.1	12,000 *	80.7	131.5	9,200 *	55
60	68.2	134.5	15,500 *	71.6	133.7	13,700 *	75.0	132.0	11,200 *	78.4	129.3	8,700 *	60
65	66.0	132.3	15,000 *	69.3	131.4	12,700 *	72.7	129.7	10,500 *	76.1	126.9	8,200 *	65
70	63.7	129.7	14,400 *	67.0	128.9	11,800 *	70.4	127.1	9,900 *	73.7	124.3	7,800 *	70
75	61.3	126.9	13,200 *	64.7	126.1	11,000 *	68.0	124.3	9,400 *	71.3	121.4	7,500 *	75
80	58.9	123.9	12,200 *	62.3	123.0	10,300 *	65.6	121.1	8,900 *	68.8	118.1	7,200 *	80
90	54.0	116.8	10,500 *	57.3	115.9	9,100 *	60.5	113.9	8,100 *	63.5	110.7	6,600 *	90
100	48.6	108.3	9,300 *	51.9	107.3	8,200 *	54.9	105.1	7,400 *				100
110	42.8	98.0	8,300 *	45.9	96.8	7,500 *							110
120	36.1	85.0	7,400 *										120
90 Ft. BOOM													
35	79.7	153.0	17,400 *										35
40	77.7	151.8	17,200 *	80.9	151.0	16,700 *							40
45	75.7	150.5	16,900 *	79.0	149.7	16,300 *							45
50	73.8	149.0	16,600 *	77.0	148.2	15,900 *	80.2	146.5	13,300 *				50
55	71.8	147.3	16,200 *	74.9	146.4	15,500 *	78.2	144.7	12,400 *				55
60	69.7	145.4	15,700 *	72.9	144.5	14,400 *	76.1	142.8	11,600 *	79.3	140.0	8,800 *	60
65	67.7	143.3	15,200 *	70.8	142.4	13,300 *	74.0	140.6	10,900 *	77.1	137.8	8,400 *	65
70	65.6	140.9	14,800 *	68.7	140.1	12,400 *	71.8	138.3	10,300 *	74.9	135.3	8,000 *	70
75	63.4	138.4	14,300 *	66.6	137.5	11,600 *	69.7	135.7	9,700 *	72.7	132.7	7,700 *	75
80	61.2	135.6	13,200 *	64.4	134.7	10,900 *	67.4	132.8	9,200 *	70.4	129.8	7,300 *	80
90	56.7	129.2	11,400 *	59.8	128.2	9,700 *	62.8	126.3	8,400 *	65.7	123.0	6,800 *	90
100	52.0	121.6	10,000	55.0	120.6	8,700 *	57.9	118.5	7,700 *	60.7	115.0	6,300 *	100
110	46.8	112.6	8,700	49.8	111.5	7,900 *	52.6	109.1	7,200 *				110
120	41.2	101.6	7,600	44.1	100.4	7,300 *							120
130	34.8	88.1	6,700										130

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

60 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
100 Ft. BOOM													
35	80.3	163.2	17,200 *										35
40	78.5	162.1	17,000 *										40
45	76.7	160.9	16,700 *	79.7	160.0	16,300 *							45
50	74.8	159.4	16,400 *	77.8	158.6	15,900 *	80.8	156.8	13,600 *				50
55	72.9	157.9	16,100 *	75.9	157.0	15,500 *	78.9	155.2	12,700 *				55
60	71.0	156.1	15,800 *	74.0	155.2	15,100 *	77.0	153.4	11,900 *	80.0	150.5	9,000 *	60
65	69.1	154.1	15,300 *	72.1	153.3	14,000 *	75.1	151.4	11,200 *	78.0	148.5	8,600 *	65
70	67.2	152.0	14,900 *	70.1	151.1	13,000 *	73.1	149.2	10,600 *	76.0	146.2	8,200 *	70
75	65.2	149.6	14,500 *	68.2	148.7	12,200 *	71.1	146.8	10,100 *	74.0	143.8	7,800 *	75
80	63.2	147.0	13,400	66.1	146.1	11,400 *	69.0	144.2	9,600 *	71.9	141.1	7,500 *	80
90	59.1	141.2	11,400	62.0	140.2	10,200 *	64.8	138.2	8,700 *	67.5	135.0	7,000 *	90
100	54.8	134.3	9,700	57.6	133.3	9,200 *	60.4	131.2	8,000 *	63.0	127.8	6,500 *	100
110	50.2	126.2	8,400	53.0	125.1	8,400 *	55.7	122.9	7,400 *				110
120	45.2	116.6	7,400	48.0	115.5	7,500	50.6	113.0	7,000 *				120
130	39.8	105.2	6,500	42.5	103.8	6,600							130
140	33.6	91.0	5,700										140
110 Ft. BOOM													
35	80.9	173.3	16,900 *										35
40	79.2	172.3	16,700 *										40
45	77.5	171.2	16,500 *	80.3	170.3	16,200 *							45
50	75.7	169.9	16,200 *	78.5	169.0	15,800 *							50
55	74.0	168.4	15,900 *	76.8	167.5	15,500 *	79.6	165.7	13,000 *				55
60	72.2	166.7	15,700 *	75.0	165.8	15,200 *	77.8	164.0	12,200 *	80.7	161.0	9,100 *	60
65	70.4	164.9	15,400 *	73.2	164.0	14,600 *	76.0	162.1	11,500 *	78.8	159.1	8,700 *	65
70	68.6	162.9	15,000 *	71.4	162.0	13,600 *	74.2	160.1	10,900 *	76.9	157.0	8,300 *	70
75	66.8	160.7	14,500	69.6	159.8	12,800 *	72.3	157.8	10,400 *	75.0	154.8	8,000 *	75
80	64.9	158.3	13,200	67.7	157.4	12,000 *	70.4	155.4	9,900 *	73.1	152.3	7,700 *	80
90	61.1	152.9	11,100	63.8	151.9	10,700 *	66.5	149.9	9,000 *	69.1	146.6	7,100 *	90
100	57.1	146.6	9,500	59.8	145.6	9,700 *	62.5	143.5	8,300 *	65.0	140.0	6,700 *	100
110	53.0	139.2	8,200	55.6	138.2	8,400	58.2	135.9	7,700 *	60.6	132.3	6,300 *	110
120	48.5	130.7	7,100	51.2	129.5	7,300	53.7	127.1	7,200 *				120
130	43.8	120.6	6,200	46.4	119.3	6,400							130
140	38.5	108.6	5,500	41.1	107.2	5,600							140
150	32.5	93.8	4,800										150

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

60 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
120 Ft. BOOM													
40	79.8	182.5	16,400 *										40
45	78.2	181.5	16,200 *	80.8	180.6	16,100 *							45
50	76.5	180.2	16,000 *	79.2	179.3	15,800 *							50
55	74.9	178.8	15,800 *	77.5	177.9	15,400 *	80.2	176.0	13,300 *				55
60	73.2	177.3	15,500 *	75.9	176.4	15,100 *	78.5	174.5	12,500 *				60
65	71.5	175.6	15,400 *	74.2	174.6	14,800 *	76.8	172.7	11,800 *	79.5	169.7	8,800 *	65
70	69.9	173.7	15,000 *	72.5	172.7	14,200 *	75.1	170.8	11,200 *	77.7	167.7	8,400 *	70
75	68.1	171.6	14,200	70.8	170.7	13,300 *	73.4	168.7	10,700 *	75.9	165.6	8,100 *	75
80	66.4	169.4	12,900	69.0	168.4	12,500 *	71.6	166.5	10,200 *	74.1	163.3	7,800 *	80
90	62.9	164.4	10,900	65.5	163.4	11,200 *	68.0	161.3	9,300 *	70.5	158.0	7,300 *	90
100	59.2	158.5	9,200	61.8	157.5	9,500	64.3	155.4	8,600 *	66.6	152.0	6,800 *	100
110	55.4	151.8	7,900	57.9	150.7	8,200	60.3	148.5	8,000 *	62.6	144.9	6,400 *	110
120	51.3	144.0	6,800	53.9	142.9	7,100	56.2	140.5	7,300				120
130	47.1	134.9	5,900	49.5	133.7	6,100	51.8	131.2	6,300				130
140	42.5	124.4	5,200	44.9	123.1	5,300							140
150	37.4	111.9	4,500										150
160	31.6	96.6	4,000										160
130 Ft. BOOM													
40	80.3	192.7	16,100 *										40
45	78.8	191.7	15,900 *										45
50	77.3	190.5	15,700 *	79.8	189.6	15,600 *							50
55	75.7	189.2	15,500 *	78.2	188.3	15,300 *	80.8	186.4	13,500 *				55
60	74.1	187.8	15,300 *	76.7	186.8	15,000 *	79.2	184.9	12,800 *				60
65	72.6	186.1	15,100 *	75.1	185.2	14,800 *	77.6	183.3	12,100 *	80.1	180.1	8,900 *	65
70	71.0	184.4	14,900 *	73.5	183.4	14,500 *	76.0	181.5	11,500 *	78.4	178.3	8,600 *	70
75	69.4	182.4	14,000	71.8	181.5	13,900 *	74.3	179.5	10,900 *	76.8	176.3	8,200 *	75
80	67.7	180.4	12,700	70.2	179.4	13,100 *	72.7	177.4	10,400 *	75.1	174.1	7,900 *	80
90	64.4	175.7	10,600	66.9	174.7	11,000	69.3	172.6	9,600 *	71.6	169.3	7,400 *	90
100	61.0	170.2	9,000	63.4	169.2	9,300	65.8	167.1	8,800 *	68.1	163.6	7,000 *	100
110	57.4	164.0	7,700	59.9	162.9	7,900	62.2	160.7	8,200	64.4	157.1	6,600 *	110
120	53.7	156.8	6,600	56.1	155.7	6,800	58.4	153.3	7,100	60.5	149.6	6,200 *	120
130	49.9	148.6	5,700	52.2	147.4	5,900	54.4	144.9	6,100				130
140	45.7	139.1	4,900	48.0	137.8	5,100	50.2	135.2	5,300				140
150	41.2	128.1	4,300	43.5	126.7	4,400							150
160	36.3	115.1	3,700										160

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

60 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
140 Ft. BOOM													
40	80.8	202.9	15,800 *										40
45	79.4	201.9	15,500 *										45
50	77.9	200.8	15,400 *	80.3	199.9	15,500 *							50
55	76.4	199.6	15,200 *	78.8	198.6	15,200 *							55
60	74.9	198.2	15,000 *	77.3	197.3	14,900 *	79.8	195.3	13,000 *				60
65	73.5	196.7	14,800 *	75.8	195.7	14,700 *	78.2	193.7	12,300 *	80.6	190.6	9,000 *	65
70	72.0	195.0	14,600 *	74.3	194.0	14,400 *	76.7	192.0	11,700 *	79.1	188.8	8,700 *	70
75	70.4	193.2	13,800	72.8	192.2	14,200 *	75.2	190.2	11,200 *	77.5	187.0	8,400 *	75
80	68.9	191.2	12,500	71.3	190.2	13,000	73.6	188.2	10,700 *	75.9	184.9	8,100 *	80
90	65.8	186.8	10,400	68.1	185.8	10,800	70.4	183.7	9,800 *	72.7	180.3	7,500 *	90
100	62.6	181.7	8,700	64.9	180.7	9,100	67.2	178.5	9,100 *	69.3	175.1	7,100 *	100
110	59.3	175.9	7,400	61.6	174.8	7,700	63.8	172.6	8,000	65.9	169.0	6,700 *	110
120	55.8	169.2	6,300	58.1	168.1	6,600	60.3	165.8	6,900	62.3	162.1	6,400 *	120
130	52.3	161.6	5,400	54.5	160.5	5,700	56.6	158.1	5,900				130
140	48.5	153.0	4,700	50.7	151.8	4,900	52.8	149.2	5,100				140
150	44.5	143.1	4,000	46.7	141.8	4,200							150
160	40.1	131.7	3,500	42.3	130.2	3,600							160
170	35.3	118.2	3,000										170
150 Ft. BOOM													
45	79.9	212.1	15,200 *										45
50	78.5	211.1	15,000 *	80.8	210.1	15,200 *							50
55	77.1	209.9	14,800 *	79.4	208.9	15,100 *							55
60	75.7	208.6	14,700 *	78.0	207.6	14,800 *	80.3	205.6	13,200 *				60
65	74.3	207.1	14,500 *	76.5	206.2	14,500 *	78.8	204.2	12,600 *				65
70	72.8	205.5	14,300 *	75.1	204.6	14,300 *	77.4	202.6	12,000 *	79.6	199.3	8,800 *	70
75	71.4	203.8	13,500	73.7	202.9	14,100	75.9	200.8	11,400 *	78.1	197.5	8,500 *	75
80	70.0	202.0	12,200	72.2	201.0	12,800	74.4	198.9	10,900 *	76.6	195.6	8,200 *	80
90	67.0	197.8	10,100	69.2	196.8	10,600	71.4	194.7	10,100 *	73.6	191.3	7,600 *	90
100	64.0	193.0	8,500	66.2	192.0	8,900	68.4	189.8	9,200	70.5	186.3	7,200 *	100
110	60.9	187.5	7,200	63.1	186.5	7,500	65.2	184.2	7,800	67.2	180.7	6,800 *	110
120	57.7	181.3	6,100	59.9	180.2	6,400	62.0	177.9	6,700	63.9	174.2	6,500 *	120
130	54.4	174.3	5,200	56.5	173.2	5,500	58.6	170.7	5,700	60.4	166.9	5,900	130
140	50.9	166.3	4,400	53.0	165.1	4,700	55.0	162.6	4,900				140
150	47.2	157.3	3,800	49.3	156.1	4,000	51.3	153.4	4,200				150
160	43.3	147.0	3,200	45.4	145.7	3,400							160

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

60 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
160 Ft. BOOM													
45	80.3	222.3	14,800 *										45
50	79.0	221.3	14,600 *										50
55	77.7	220.2	14,500 *	79.9	219.2	14,700 *							55
60	76.3	218.9	14,300 *	78.5	218.0	14,600 *	80.7	216.0	13,400 *				60
65	75.0	217.6	14,200 *	77.2	216.6	14,400 *	79.4	214.6	12,800 *				65
70	73.6	216.1	14,000 *	75.8	215.1	14,100 *	78.0	213.0	12,200 *	80.1	209.7	8,900 *	70
75	72.3	214.4	13,300	74.4	213.4	13,900	76.6	211.4	11,700 *	78.7	208.1	8,600 *	75
80	70.9	212.7	12,000	73.1	211.7	12,500	75.2	209.6	11,200 *	77.3	206.2	8,300 *	80
90	68.1	208.7	9,900	70.3	207.7	10,400	72.4	205.6	10,300 *	74.4	202.2	7,800 *	90
100	65.3	204.2	8,200	67.4	203.1	8,600	69.5	201.0	9,000	71.5	197.5	7,300 *	100
110	62.3	199.0	6,900	64.5	198.0	7,300	66.5	195.7	7,600	68.4	192.1	6,900 *	110
120	59.3	193.2	5,800	61.4	192.1	6,100	63.4	189.8	6,400	65.3	186.1	6,600 *	120
130	56.2	186.6	4,900	58.3	185.5	5,200	60.3	183.1	5,500	62.1	179.3	5,700	130
140	53.0	179.2	4,200	55.1	178.1	4,400	57.0	175.6	4,600				140
150	49.6	170.9	3,500	51.7	169.7	3,700	53.5	167.1	3,900				150
160				48.1	160.2	3,100							160
170 Ft. BOOM													
45	80.8	232.5	14,300 *										45
50	79.5	231.5	14,100 *										50
55	78.2	230.4	14,000 *	80.3	229.5	14,300 *							55
60	77.0	229.3	13,900 *	79.0	228.3	14,300 *							60
65	75.7	227.9	13,700 *	77.8	227.0	14,200 *	79.8	224.9	13,000 *				65
70	74.4	226.5	13,600 *	76.5	225.5	14,000 *	78.5	223.5	12,400 *	80.6	220.1	8,900 *	70
75	73.1	225.0	13,000	75.1	224.0	13,700	77.2	221.9	11,900 *	79.2	218.5	8,600 *	75
80	71.8	223.3	11,700	73.8	222.3	12,300	75.9	220.2	11,400 *	77.9	216.8	8,400 *	80
90	69.1	219.5	9,600	71.2	218.5	10,100	73.2	216.4	10,500 *	75.2	212.9	7,900 *	90
100	66.4	215.2	8,000	68.4	214.2	8,400	70.4	212.0	8,800	72.4	208.5	7,400 *	100
110	63.6	210.3	6,700	65.7	209.3	7,000	67.6	207.0	7,400	69.5	203.4	7,000 *	110
120	60.8	204.8	5,600	62.8	203.8	5,900	64.8	201.5	6,200	66.6	197.8	6,500	120
130	57.9	198.7	4,700	59.9	197.5	5,000	61.8	195.2	5,300	63.5	191.3	5,500	130
140	54.9	191.8	3,900	56.9	190.6	4,200	58.7	188.1	4,400	60.4	184.2	4,600	140
150	51.7	184.0	3,200	53.7	182.8	3,500	55.5	180.2	3,700				150
160							52.1	171.4	3,100				160

Liftcrane Jib Capacities

New York City Code
Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
53,300 Lb. Crane Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

60 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 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	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
180 Ft. BOOM													
50	79.9	241.7	13,700 *										50
55	78.7	240.7	13,600 *	80.7	239.7	13,900 *							55
60	77.5	239.5	13,400 *	79.5	238.6	13,800 *							60
65	76.3	238.3	13,300 *	78.3	237.3	13,800 *	80.3	235.2	13,200 *				65
70	75.0	236.9	13,100 *	77.0	235.9	13,700 *	79.0	233.8	12,600 *	81.0	230.5	9,000 *	70
75	73.8	235.4	12,800	75.8	234.4	13,500	77.8	232.3	12,100 *	79.7	229.0	8,700 *	75
80	72.6	233.8	11,500	74.5	232.8	12,100	76.5	230.7	11,600 *	78.4	227.3	8,400 *	80
90	70.0	230.3	9,400	72.0	229.2	9,900	73.9	227.1	10,400	75.8	223.6	7,900 *	90
100	67.5	226.2	7,800	69.4	225.1	8,200	71.3	222.9	8,700	73.2	219.4	7,500 *	100
110	64.8	221.5	6,400	66.8	220.5	6,800	68.7	218.2	7,200	70.5	214.6	7,100 *	110
120	62.1	216.3	5,300	64.1	215.2	5,700	65.9	212.9	6,000	67.7	209.2	6,400	120
130	59.4	210.5	4,400	61.3	209.4	4,800	63.1	207.0	5,100	64.8	203.2	5,300	130
140	56.6	204.0	3,700	58.5	202.9	4,000	60.3	200.4	4,200	61.9	196.5	4,500	140
150	53.6	196.8	3,000	55.5	195.6	3,300	57.3	193.0	3,500				150