

Liftcrane Luffing Jib Intermediate Fall Capacities

New York City Code
Boom No. 260
Luffing Jib No. 222
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222 SERIES B
222EX SERIES B

LIFTING CAPACITIES: Lifting capacities for various boom lengths, luffing jib lengths and intermediate fall operating radii are for freely suspended loads and do not exceed 75% of a static tipping load for boom and luffing jib length combinations thru 250 Ft. and New York City criteria of 1.4 factor applied to total machine moment for boom and luffing jib length combinations 255 Ft. and up. Capacities based on structural competence are denoted by an asterisk (*).

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath intermediate fall sheave, is considered part of intermediate fall load. Weight of luffing jib and 2,000 Lbs. suspended beneath luffing jib point sheaves have been included in capacity determination. Boom is 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 with bearing turntable level within a tolerance of 1/2 in. in 10 Ft. During operation, luffing jib must be maintained at proper boom to luffing jib angle shown in table. Refer to luffing jib assembly **No. 194529**, Wire Rope Specification chart **No. 9162-A** and Luffing Jib Raising Procedure chart **No. 9164-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 boom angle range shown in capacity chart and luffing jib set at proper boom to luffing jib angle shown in table. Refer to Maximum Allowable Travel Specification chart **No. 9163-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.

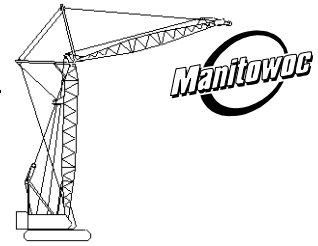
INTERMEDIATE FALL ELEVATION: Intermediate fall elevation is vertical distance from ground level to centerline of intermediate fall shaft.

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, 6 part luffing jib hoist reeving, two 1-1/4 in. luffing jib pendants, two 1-1/8 in. luffing jib backstays, 1st crane counterweight = 28,500 Lbs., 2nd crane counterweight = 10,000 Lbs., 3rd crane counterweight = 24,800 Lbs. and four 3,500 Lb. crawler frame counterweights.

Maximum capacity on 5/8 in. wire rope is 11,250 Lbs. per line.

Luffing Jib Position During Operation	
Luffing Jib Length - Feet	Boom To Luffing Jib Angle
50	150 Degrees
60	155 Degrees
70	160 Degrees
80 - 150	165 Degrees

Fixed jib No. 10 must be removed from luffing jib for use of this chart.



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222 SERIES B
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50 Ft. Luffing Jib, Attached At 150 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
13	82.0	61.7	22,500 *
14	81.0	61.5	22,500 *
15	80.0	61.3	22,500 *
16	79.0	61.1	22,500 *
17	77.9	60.8	22,500 *
18	76.9	60.6	22,500 *
19	75.8	60.3	22,500 *
20	74.8	60.0	22,500 *
22	72.7	59.3	22,500 *
24	70.5	58.6	22,500 *
26	68.4	57.8	22,500 *
28	66.2	56.8	22,500 *
30	63.9	55.8	22,500 *
32	61.6	54.7	22,500 *
34	59.3	53.5	22,500 *
36	56.8	52.1	22,500 *
38	54.3	50.7	22,500 *
40	51.8	49.1	22,500 *
45	44.8	44.3	22,500 *
50	36.8	38.1	19,300
65 Ft. BOOM			
14	82.4	71.6	22,500 *
15	81.5	71.5	22,500 *
16	80.6	71.3	22,500 *
17	79.8	71.1	22,500 *
18	78.9	70.9	22,500 *
19	78.0	70.6	22,500 *
20	77.1	70.4	22,500 *
22	75.4	69.8	22,500 *
24	73.6	69.2	22,500 *
26	71.8	68.5	22,500 *
28	69.9	67.8	22,500 *
30	68.1	66.9	22,500 *
32	66.2	66.0	22,500 *
34	64.3	65.0	22,500 *
36	62.3	63.9	22,500 *
38	60.4	62.8	22,500 *
40	58.3	61.5	22,500 *
45	53.1	57.9	22,500 *
50	47.4	53.5	19,400
55	41.1	48.0	15,900
60	33.7	41.1	12,500 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
15	82.6	81.6	22,500 *
16	81.9	81.4	22,500 *
17	81.1	81.3	22,500 *
18	80.3	81.1	22,500 *
19	79.6	80.9	22,500 *
20	78.8	80.7	22,500 *
22	77.3	80.2	22,500 *
24	75.8	79.7	22,500 *
26	74.2	79.1	22,500 *
28	72.6	78.4	22,500 *
30	71.1	77.7	22,500 *
32	69.5	76.9	22,500 *
34	67.9	76.1	22,500 *
36	66.2	75.2	22,500 *
38	64.6	74.2	22,500 *
40	62.9	73.2	22,500 *
45	58.6	70.2	22,500 *
50	54.0	66.7	19,600
55	49.2	62.5	16,100
60	43.9	57.5	13,200 *
85 Ft. BOOM			
16	82.8	91.6	22,500 *
17	82.1	91.4	22,500 *
18	81.5	91.2	22,500 *
19	80.8	91.1	22,500 *
20	80.1	90.9	22,500 *
22	78.8	90.5	22,500 *
24	77.4	90.0	22,500 *
26	76.1	89.5	22,500 *
28	74.7	88.9	22,500 *
30	73.3	88.3	22,500 *
32	71.9	87.6	22,500 *
34	70.5	86.9	22,500 *
36	69.1	86.1	22,500 *
38	67.7	85.2	22,500 *
40	66.3	84.3	22,500 *
45	62.6	81.8	22,500 *
50	58.7	78.9	19,600
55	54.7	75.4	16,100
60	50.5	71.4	13,200

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
95 Ft. BOOM			
18	82.4	101.4	22,500 *
19	81.8	101.2	22,500 *
20	81.2	101.0	22,500 *
22	80.0	100.7	22,500 *
24	78.8	100.3	22,500 *
26	77.5	99.8	22,500 *
28	76.3	99.3	22,500 *
30	75.1	98.7	22,500 *
32	73.9	98.1	22,500 *
34	72.6	97.5	22,500 *
36	71.4	96.8	22,500 *
38	70.1	96.1	22,500 *
40	68.8	95.3	22,500 *
45	65.6	93.0	22,500 *
50	62.3	90.5	19,700
55	58.9	87.5	16,100
60	55.3	84.1	13,200
105 Ft. BOOM			
19	82.5	111.3	22,500 *
20	82.0	111.2	22,500 *
22	80.9	110.8	22,500 *
24	79.8	110.5	22,500 *
26	78.7	110.1	22,500 *
28	77.6	109.6	22,500 *
30	76.5	109.1	22,500 *
32	75.4	108.6	22,500 *
34	74.3	108.0	22,500 *
36	73.2	107.4	22,500 *
38	72.1	106.7	22,500 *
40	70.9	106.0	22,500 *
45	68.0	104.0	22,500 *
50	65.1	101.7	19,600
55	62.1	99.1	16,000
60	59.0	96.2	13,100



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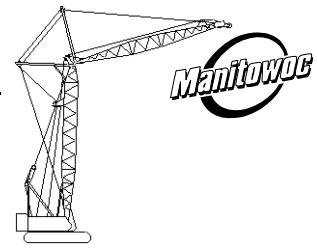
Meets
ANSI B30.5
Requirements

222 SERIES B
222EX SERIES B

50 Ft. Luffing Jib, Attached At 150 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
115 Ft. BOOM			
20	82.7	121.3	11,200 *
22	81.7	121.0	11,200 *
24	80.7	120.6	11,200 *
26	79.7	120.3	11,200 *
28	78.7	119.9	11,200 *
30	77.7	119.4	11,200 *
32	76.7	118.9	11,200 *
34	75.7	118.4	11,200 *
36	74.7	117.8	11,200 *
38	73.6	117.2	11,200 *
40	72.6	116.6	11,200 *
45	70.0	114.8	11,200 *
50	67.4	112.7	11,200 *
55	64.7	110.4	11,200 *
60	61.9	107.8	11,200 *
125 Ft. BOOM			
22	82.4	131.1	11,200 *
24	81.4	130.8	11,200 *
26	80.5	130.4	11,200 *
28	79.6	130.1	11,200 *
30	78.7	129.6	11,200 *
32	77.8	129.2	11,200 *
34	76.8	128.7	11,200 *
36	75.9	128.2	11,200 *
38	75.0	127.6	11,200 *
40	74.0	127.1	11,200 *
45	71.7	125.4	11,200 *
50	69.2	123.6	11,200 *
55	66.8	121.5	11,200 *
60	64.3	119.1	11,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
135 Ft. BOOM			
22	82.9	141.2	11,200 *
24	82.1	140.9	11,200 *
26	81.2	140.6	11,200 *
28	80.4	140.2	11,200 *
30	79.5	139.9	11,200 *
32	78.7	139.4	11,200 *
34	77.8	139.0	11,200 *
36	77.0	138.5	11,200 *
38	76.1	138.0	11,200 *
40	75.2	137.5	11,200 *
45	73.0	136.0	11,200 *
50	70.8	134.3	11,200 *
55	68.6	132.3	11,200 *
60	66.3	130.2	11,200 *
145 Ft. BOOM			
24	82.6	151.0	11,200 *
26	81.8	150.7	11,200 *
28	81.0	150.4	11,200 *
30	80.2	150.0	11,200 *
32	79.4	149.7	11,200 *
34	78.7	149.2	11,200 *
36	77.9	148.8	11,200 *
38	77.1	148.3	11,200 *
40	76.3	147.8	11,200 *
45	74.2	146.4	11,200 *
50	72.2	144.9	11,200 *
55	70.1	143.1	11,200 *
60	68.0	141.1	11,200 *



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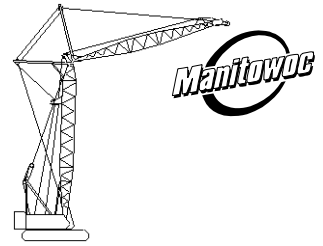
222 SERIES B
222EX SERIES B

60 Ft. Luffing Jib, Attached At 155 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
13	82.0	61.7	22,500 *
14	81.0	61.5	22,500 *
15	80.0	61.3	22,500 *
16	79.0	61.1	22,500 *
17	77.9	60.8	22,500 *
18	76.9	60.6	22,500 *
19	75.8	60.3	22,500 *
20	74.8	60.0	22,500 *
22	72.7	59.3	22,500 *
24	70.5	58.6	22,500 *
26	68.4	57.8	22,500 *
28	66.2	56.8	22,500 *
30	63.9	55.8	22,500 *
32	61.6	54.7	22,500 *
34	59.3	53.5	22,500 *
36	56.8	52.1	22,500 *
38	54.3	50.7	22,500 *
40	51.8	49.1	22,500 *
45	44.8	44.3	22,100
50	36.8	38.1	17,600 *
55	26.7	29.4	13,300 *
65 Ft. BOOM			
14	82.4	71.6	22,500 *
15	81.5	71.5	22,500 *
16	80.6	71.3	22,500 *
17	79.8	71.1	22,500 *
18	78.9	70.9	22,500 *
19	78.0	70.6	22,500 *
20	77.1	70.4	22,500 *
22	75.4	69.8	22,500 *
24	73.6	69.2	22,500 *
26	71.8	68.5	22,500 *
28	69.9	67.8	22,500 *
30	68.1	66.9	22,500 *
32	66.2	66.0	22,500 *
34	64.3	65.0	22,500 *
36	62.3	63.9	22,500 *
38	60.4	62.8	22,500 *
40	58.3	61.5	22,500 *
45	53.1	57.9	22,400
50	47.4	53.5	18,000
55	41.1	48.0	14,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
15	82.6	81.6	22,500 *
16	81.9	81.4	22,500 *
17	81.1	81.3	22,500 *
18	80.3	81.1	22,500 *
19	79.6	80.9	22,500 *
20	78.8	80.7	22,500 *
22	77.3	80.2	22,500 *
24	75.8	79.7	22,500 *
26	74.2	79.1	22,500 *
28	72.6	78.4	22,500 *
30	71.1	77.7	22,500 *
32	69.5	76.9	22,500 *
34	67.9	76.1	22,500 *
36	66.2	75.2	22,500 *
38	64.6	74.2	22,500 *
40	62.9	73.2	22,500 *
45	58.6	70.2	22,500 *
50	54.0	66.7	18,300
55	49.2	62.5	14,800
60	43.9	57.5	11,600 *
85 Ft. BOOM			
16	82.8	91.6	22,500 *
17	82.1	91.4	22,500 *
18	81.5	91.2	22,500 *
19	80.8	91.1	22,500 *
20	80.1	90.9	22,500 *
22	78.8	90.5	22,500 *
24	77.4	90.0	22,500 *
26	76.1	89.5	22,500 *
28	74.7	88.9	22,500 *
30	73.3	88.3	22,500 *
32	71.9	87.6	22,500 *
34	70.5	86.9	22,500 *
36	69.1	86.1	22,500 *
38	67.7	85.2	22,500 *
40	66.3	84.3	22,500 *
45	62.6	81.8	22,500 *
50	58.7	78.9	18,400
55	54.7	75.4	14,900
60	50.5	71.4	12,000 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
95 Ft. BOOM			
17	83.0	101.5	22,500 *
18	82.4	101.4	22,500 *
19	81.8	101.2	22,500 *
20	81.2	101.0	22,500 *
22	80.0	100.7	22,500 *
24	78.8	100.3	22,500 *
26	77.5	99.8	22,500 *
28	76.3	99.3	22,500 *
30	75.1	98.7	22,500 *
32	73.9	98.1	22,500 *
34	72.6	97.5	22,500 *
36	71.4	96.8	22,500 *
38	70.1	96.1	22,500 *
40	68.8	95.3	22,500 *
45	65.6	93.0	22,500 *
50	62.3	90.5	18,500
55	58.9	87.5	14,900
60	55.3	84.1	12,100
105 Ft. BOOM			
19	82.5	111.3	22,500 *
20	82.0	111.2	22,500 *
22	80.9	110.8	22,500 *
24	79.8	110.5	22,500 *
26	78.7	110.1	22,500 *
28	77.6	109.6	22,500 *
30	76.5	109.1	22,500 *
32	75.4	108.6	22,500 *
34	74.3	108.0	22,500 *
36	73.2	107.4	22,500 *
38	72.1	106.7	22,500 *
40	70.9	106.0	22,500 *
45	68.0	104.0	22,500 *
50	65.1	101.7	18,400
55	62.1	99.1	14,900
60	59.0	96.2	12,000



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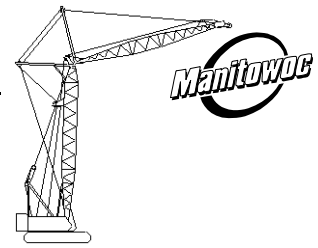
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60 Ft. Luffing Jib, Attached At 155 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
115 Ft. BOOM			
20	82.7	121.3	11,200 *
22	81.7	121.0	11,200 *
24	80.7	120.6	11,200 *
26	79.7	120.3	11,200 *
28	78.7	119.9	11,200 *
30	77.7	119.4	11,200 *
32	76.7	118.9	11,200 *
34	75.7	118.4	11,200 *
36	74.7	117.8	11,200 *
38	73.6	117.2	11,200 *
40	72.6	116.6	11,200 *
45	70.0	114.8	11,200 *
50	67.4	112.7	11,200 *
55	64.7	110.4	11,200 *
60	61.9	107.8	11,200 *
125 Ft. BOOM			
22	82.4	131.1	11,200 *
24	81.4	130.8	11,200 *
26	80.5	130.4	11,200 *
28	79.6	130.1	11,200 *
30	78.7	129.6	11,200 *
32	77.8	129.2	11,200 *
34	76.8	128.7	11,200 *
36	75.9	128.2	11,200 *
38	75.0	127.6	11,200 *
40	74.0	127.1	11,200 *
45	71.7	125.4	11,200 *
50	69.2	123.6	11,200 *
55	66.8	121.5	11,200 *
60	64.3	119.1	11,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
135 Ft. BOOM			
22	82.9	141.2	11,200 *
24	82.1	140.9	11,200 *
26	81.2	140.6	11,200 *
28	80.4	140.2	11,200 *
30	79.5	139.9	11,200 *
32	78.7	139.4	11,200 *
34	77.8	139.0	11,200 *
36	77.0	138.5	11,200 *
38	76.1	138.0	11,200 *
40	75.2	137.5	11,200 *
45	73.0	136.0	11,200 *
50	70.8	134.3	11,200 *
55	68.6	132.3	11,200 *
60	66.3	130.2	11,200 *



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222EX SERIES B

70 Ft. Luffing Jib, Attached At 160 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
12	83.0	61.8	22,500 *
13	82.0	61.7	22,500 *
14	81.0	61.5	22,500 *
15	80.0	61.3	22,500 *
16	79.0	61.1	22,500 *
17	77.9	60.8	22,500 *
18	76.9	60.6	22,500 *
19	75.8	60.3	22,500 *
20	74.8	60.0	22,500 *
22	72.7	59.3	22,500 *
24	70.5	58.6	22,500 *
26	68.4	57.8	22,500 *
28	66.2	56.8	22,500 *
30	63.9	55.8	22,500 *
32	61.6	54.7	22,500 *
34	59.3	53.5	22,500 *
36	56.8	52.1	22,500 *
38	54.3	50.7	22,500 *
40	51.8	49.1	22,500 *
45	44.8	44.3	20,100
50	36.8	38.1	15,000 *
65 Ft. BOOM			
14	82.4	71.6	22,500 *
15	81.5	71.5	22,500 *
16	80.6	71.3	22,500 *
17	79.8	71.1	22,500 *
18	78.9	70.9	22,500 *
19	78.0	70.6	22,500 *
20	77.1	70.4	22,500 *
22	75.4	69.8	22,500 *
24	73.6	69.2	22,500 *
26	71.8	68.5	22,500 *
28	69.9	67.8	22,500 *
30	68.1	66.9	22,500 *
32	66.2	66.0	22,500 *
34	64.3	65.0	22,500 *
36	62.3	63.9	22,500 *
38	60.4	62.8	22,500 *
40	58.3	61.5	22,500 *
45	53.1	57.9	20,600
50	47.4	53.5	16,200
55	41.1	48.0	12,000 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
15	82.6	81.6	22,500 *
16	81.9	81.4	22,500 *
17	81.1	81.3	22,500 *
18	80.3	81.1	22,500 *
19	79.6	80.9	22,500 *
20	78.8	80.7	22,500 *
22	77.3	80.2	22,500 *
24	75.8	79.7	22,500 *
26	74.2	79.1	22,500 *
28	72.6	78.4	22,500 *
30	71.1	77.7	22,500 *
32	69.5	76.9	22,500 *
34	67.9	76.1	22,500 *
36	66.2	75.2	22,500 *
38	64.6	74.2	22,500 *
40	62.9	73.2	22,500 *
45	58.6	70.2	21,100
50	54.0	66.7	16,700
55	49.2	62.5	13,000 *
85 Ft. BOOM			
16	82.8	91.6	22,500 *
17	82.1	91.4	22,500 *
18	81.5	91.2	22,500 *
19	80.8	91.1	22,500 *
20	80.1	90.9	22,500 *
22	78.8	90.5	22,500 *
24	77.4	90.0	22,500 *
26	76.1	89.5	22,500 *
28	74.7	88.9	22,500 *
30	73.3	88.3	22,500 *
32	71.9	87.6	22,500 *
34	70.5	86.9	22,500 *
36	69.1	86.1	22,500 *
38	67.7	85.2	22,500 *
40	66.3	84.3	22,500 *
45	62.6	81.8	21,300
50	58.7	78.9	16,900
55	54.7	75.4	13,300

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
95 Ft. BOOM			
17	83.0	101.5	22,500 *
18	82.4	101.4	22,500 *
19	81.8	101.2	22,500 *
20	81.2	101.0	22,500 *
22	80.0	100.7	22,500 *
24	78.8	100.3	22,500 *
26	77.5	99.8	22,500 *
28	76.3	99.3	22,500 *
30	75.1	98.7	22,500 *
32	73.9	98.1	22,500 *
34	72.6	97.5	22,500 *
36	71.4	96.8	22,500 *
38	70.1	96.1	22,500 *
40	68.8	95.3	22,500 *
45	65.6	93.0	21,500
50	62.3	90.5	17,000
55	58.9	87.5	13,500
105 Ft. BOOM			
18	83.1	111.5	22,500 *
19	82.5	111.3	22,500 *
20	82.0	111.2	22,500 *
22	80.9	110.8	22,500 *
24	79.8	110.5	22,500 *
26	78.7	110.1	22,500 *
28	77.6	109.6	22,500 *
30	76.5	109.1	22,500 *
32	75.4	108.6	22,500 *
34	74.3	108.0	22,500 *
36	73.2	107.4	22,500 *
38	72.1	106.7	22,500 *
40	70.9	106.0	22,500 *
45	68.0	104.0	21,500
50	65.1	101.7	17,100
55	62.1	99.1	13,500



Liftcrane Luffing Jib

Intermediate Fall Capacities

New York City Code
Boom No. 260
Luffing Jib No. 222
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

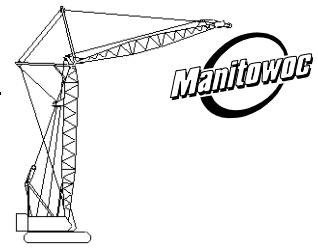
Meets
ANSI B30.5
Requirements

222 SERIES B
222EX SERIES B

70 Ft. Luffing Jib, Attached At 160 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
115 Ft. BOOM			
20	82.7	121.3	11,200 *
22	81.7	121.0	11,200 *
24	80.7	120.6	11,200 *
26	79.7	120.3	11,200 *
28	78.7	119.9	11,200 *
30	77.7	119.4	11,200 *
32	76.7	118.9	11,200 *
34	75.7	118.4	11,200 *
36	74.7	117.8	11,200 *
38	73.6	117.2	11,200 *
40	72.6	116.6	11,200 *
45	70.0	114.8	11,200 *
50	67.4	112.7	11,200 *
55	64.7	110.4	11,200 *
125 Ft. BOOM			
22	82.4	131.1	11,200 *
24	81.4	130.8	11,200 *
26	80.5	130.4	11,200 *
28	79.6	130.1	11,200 *
30	78.7	129.6	11,200 *
32	77.8	129.2	11,200 *
34	76.8	128.7	11,200 *
36	75.9	128.2	11,200 *
38	75.0	127.6	11,200 *
40	74.0	127.1	11,200 *
45	71.7	125.4	11,200 *
50	69.2	123.6	11,200 *
55	66.8	121.5	11,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
135 Ft. BOOM			
22	82.9	141.2	11,200 *
24	82.1	140.9	11,200 *
26	81.2	140.6	11,200 *
28	80.4	140.2	11,200 *
30	79.5	139.9	11,200 *
32	78.7	139.4	11,200 *
34	77.8	139.0	11,200 *
36	77.0	138.5	11,200 *
38	76.1	138.0	11,200 *
40	75.2	137.5	11,200 *
45	73.0	136.0	11,200 *
50	70.8	134.3	11,200 *
55	68.6	132.3	11,200 *



Liftcrane Luffing Jib Intermediate Fall Capacities

New York City Code

Boom No. 260

Luffing Jib No. 222

63,300 Lb. Crane Counterweight

14,000 Lb. Crawler Frame Counterweight

22 Ft. 4 in. Crawlers Extended

360 Degree Rating

Meets
ANSI B30.5
Requirements

222 SERIES B
222EX SERIES B

80 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
12	82.7	62.0	22,500 *
13	81.7	61.8	22,500 *
14	80.7	61.6	22,500 *
15	79.6	61.4	22,500 *
16	78.6	61.2	22,500 *
17	77.6	61.0	22,500 *
18	76.5	60.7	22,500 *
19	75.5	60.4	22,500 *
20	74.5	60.1	22,500 *
22	72.4	59.5	22,500 *
24	70.2	58.7	22,500 *
26	68.1	57.9	22,500 *
28	65.8	57.0	22,500 *
30	63.6	56.0	22,500 *
32	61.3	54.9	22,500 *
34	59.0	53.6	22,500 *
36	56.6	52.3	22,500 *
38	54.1	50.8	22,500 *
40	51.5	49.2	22,500 *
45	44.6	44.5	18,400 *
50	36.6	38.3	13,100 *
65 Ft. BOOM			
13	82.9	71.9	22,500 *
14	82.1	71.8	22,500 *
15	81.2	71.6	22,500 *
16	80.3	71.4	22,500 *
17	79.5	71.2	22,500 *
18	78.6	71.0	22,500 *
19	77.7	70.8	22,500 *
20	76.8	70.5	22,500 *
22	75.1	70.0	22,500 *
24	73.3	69.3	22,500 *
26	71.5	68.7	22,500 *
28	69.7	67.9	22,500 *
30	67.8	67.1	22,500 *
32	65.9	66.2	22,500 *
34	64.0	65.2	22,500 *
36	62.1	64.1	22,500 *
38	60.1	62.9	22,500 *
40	58.1	61.7	22,500 *
45	52.8	58.1	19,300
50	47.2	53.7	14,600 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
15	82.4	81.7	22,500 *
16	81.6	81.6	22,500 *
17	80.8	81.4	22,500 *
18	80.1	81.2	22,500 *
19	79.3	81.0	22,500 *
20	78.6	80.8	22,500 *
22	77.0	80.3	22,500 *
24	75.5	79.8	22,500 *
26	74.0	79.2	22,500 *
28	72.4	78.6	22,500 *
30	70.8	77.8	22,500 *
32	69.2	77.1	22,500 *
34	67.6	76.2	22,500 *
36	66.0	75.3	22,500 *
38	64.3	74.4	22,500 *
40	62.7	73.3	22,500 *
45	58.4	70.3	20,000
50	53.8	66.8	15,500
55	49.0	62.7	11,500 *
85 Ft. BOOM			
16	82.6	91.7	22,500 *
17	81.9	91.6	22,500 *
18	81.2	91.4	22,500 *
19	80.6	91.2	22,500 *
20	79.9	91.0	22,500 *
22	78.6	90.6	22,500 *
24	77.2	90.1	22,500 *
26	75.9	89.6	22,500 *
28	74.5	89.0	22,500 *
30	73.1	88.4	22,500 *
32	71.7	87.8	22,500 *
34	70.3	87.0	22,500 *
36	68.9	86.2	22,500 *
38	67.5	85.4	22,500 *
40	66.0	84.5	22,500 *
45	62.4	82.0	20,300
50	58.5	79.0	15,800
55	54.6	75.6	12,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
95 Ft. BOOM			
17	82.7	101.7	22,500 *
18	82.2	101.5	22,500 *
19	81.6	101.4	22,500 *
20	81.0	101.2	22,500 *
22	79.8	100.8	22,500 *
24	78.6	100.4	22,500 *
26	77.3	99.9	22,500 *
28	76.1	99.4	22,500 *
30	74.9	98.9	22,500 *
32	73.7	98.3	22,500 *
34	72.4	97.6	22,500 *
36	71.2	96.9	22,500 *
38	69.9	96.2	22,500 *
40	68.7	95.4	22,500 *
45	65.4	93.2	20,600
50	62.1	90.6	16,100
55	58.7	87.7	12,500
105 Ft. BOOM			
18	82.9	111.6	22,500 *
19	82.3	111.5	22,500 *
20	81.8	111.3	22,500 *
22	80.7	111.0	22,500 *
24	79.6	110.6	22,500 *
26	78.5	110.2	22,500 *
28	77.4	109.7	22,500 *
30	76.3	109.2	22,500 *
32	75.2	108.7	22,500 *
34	74.1	108.1	22,500 *
36	73.0	107.5	22,500 *
38	71.9	106.8	22,500 *
40	70.7	106.1	22,500 *
45	67.9	104.2	20,700
50	64.9	101.9	16,200
55	61.9	99.3	12,600



Liftcrane Luffing Jib

Intermediate Fall Capacities

New York City Code
Boom No. 260
Luffing Jib No. 222
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

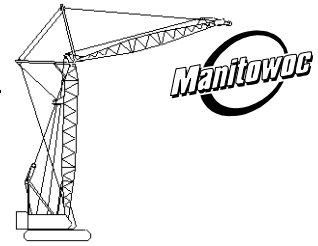
Meets
ANSI B30.5
Requirements

222 SERIES B
222EX SERIES B

80 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
115 Ft. BOOM			
20	82.5	121.4	11,200 *
22	81.5	121.1	11,200 *
24	80.5	120.8	11,200 *
26	79.5	120.4	11,200 *
28	78.5	120.0	11,200 *
30	77.5	119.5	11,200 *
32	76.5	119.0	11,200 *
34	75.5	118.5	11,200 *
36	74.5	118.0	11,200 *
38	73.5	117.4	11,200 *
40	72.5	116.7	11,200 *
45	69.9	114.9	11,200 *
50	67.2	112.9	11,200 *
55	64.5	110.6	11,200 *
125 Ft. BOOM			
22	82.2	131.2	11,200 *
24	81.3	130.9	11,200 *
26	80.4	130.6	11,200 *
28	79.5	130.2	11,200 *
30	78.5	129.8	11,200 *
32	77.6	129.3	11,200 *
34	76.7	128.9	11,200 *
36	75.7	128.3	11,200 *
38	74.8	127.8	11,200 *
40	73.9	127.2	11,200 *
45	71.5	125.6	11,200 *
50	69.1	123.7	11,200 *
55	66.7	121.6	11,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
135 Ft. BOOM			
22	82.8	141.4	11,200 *
24	81.9	141.1	11,200 *
26	81.1	140.7	11,200 *
28	80.2	140.4	11,200 *
30	79.4	140.0	11,200 *
32	78.5	139.6	11,200 *
34	77.7	139.1	11,200 *
36	76.8	138.7	11,200 *
38	75.9	138.2	11,200 *
40	75.1	137.6	11,200 *
45	72.9	136.1	11,200 *
50	70.7	134.4	11,200 *
55	68.5	132.5	11,200 *



Liftcrane Luffing Jib Intermediate Fall Capacities

New York City Code
Boom No. 260
Luffing Jib No. 222
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222 SERIES B
222EX SERIES B

90 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
12	82.7	62.0	22,500 *
13	81.7	61.8	22,500 *
14	80.7	61.6	22,500 *
15	79.6	61.4	22,500 *
16	78.6	61.2	22,500 *
17	77.6	61.0	22,500 *
18	76.5	60.7	22,500 *
19	75.5	60.4	22,500 *
20	74.5	60.1	22,500 *
22	72.4	59.5	22,500 *
24	70.2	58.7	22,500 *
26	68.1	57.9	22,500 *
28	65.8	57.0	22,500 *
30	63.6	56.0	22,500 *
32	61.3	54.9	22,500 *
34	59.0	53.6	22,500 *
36	56.6	52.3	22,500 *
38	54.1	50.8	22,500 *
40	51.5	49.2	21,800
45	44.6	44.5	15,400 *
65 Ft. BOOM			
13	82.9	71.9	22,500 *
14	82.1	71.8	22,500 *
15	81.2	71.6	22,500 *
16	80.3	71.4	22,500 *
17	79.5	71.2	22,500 *
18	78.6	71.0	22,500 *
19	77.7	70.8	22,500 *
20	76.8	70.5	22,500 *
22	75.1	70.0	22,500 *
24	73.3	69.3	22,500 *
26	71.5	68.7	22,500 *
28	69.7	67.9	22,500 *
30	67.8	67.1	22,500 *
32	65.9	66.2	22,500 *
34	64.0	65.2	22,500 *
36	62.1	64.1	22,500 *
38	60.1	62.9	22,500 *
40	58.1	61.7	22,500 *
45	52.8	58.1	17,100
50	47.2	53.7	11,800 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
15	82.4	81.7	22,500 *
16	81.6	81.6	22,500 *
17	80.8	81.4	22,500 *
18	80.1	81.2	22,500 *
19	79.3	81.0	22,500 *
20	78.6	80.8	22,500 *
22	77.0	80.3	22,500 *
24	75.5	79.8	22,500 *
26	74.0	79.2	22,500 *
28	72.4	78.6	22,500 *
30	70.8	77.8	22,500 *
32	69.2	77.1	22,500 *
34	67.6	76.2	22,500 *
36	66.0	75.3	22,500 *
38	64.3	74.4	22,500 *
40	62.7	73.3	22,500 *
45	58.4	70.3	17,900
50	53.8	66.8	13,300 *
85 Ft. BOOM			
16	82.6	91.7	22,500 *
17	81.9	91.6	22,500 *
18	81.2	91.4	22,500 *
19	80.6	91.2	22,500 *
20	79.9	91.0	22,500 *
22	78.6	90.6	22,500 *
24	77.2	90.1	22,500 *
26	75.9	89.6	22,500 *
28	74.5	89.0	22,500 *
30	73.1	88.4	22,500 *
32	71.7	87.8	22,500 *
34	70.3	87.0	22,500 *
36	68.9	86.2	22,500 *
38	67.5	85.4	22,500 *
40	66.0	84.5	22,500 *
45	62.4	82.0	18,300
50	58.5	79.0	13,900

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
95 Ft. BOOM			
17	82.7	101.7	22,500 *
18	82.2	101.5	22,500 *
19	81.6	101.4	22,500 *
20	81.0	101.2	22,500 *
22	79.8	100.8	22,500 *
24	78.6	100.4	22,500 *
26	77.3	99.9	22,500 *
28	76.1	99.4	22,500 *
30	74.9	98.9	22,500 *
32	73.7	98.3	22,500 *
34	72.4	97.6	22,500 *
36	71.2	96.9	22,500 *
38	69.9	96.2	22,500 *
40	68.7	95.4	22,500 *
45	65.4	93.2	18,700
50	62.1	90.6	14,200
105 Ft. BOOM			
18	82.9	111.6	22,500 *
19	82.3	111.5	22,500 *
20	81.8	111.3	22,500 *
22	80.7	111.0	22,500 *
24	79.6	110.6	22,500 *
26	78.5	110.2	22,500 *
28	77.4	109.7	22,500 *
30	76.3	109.2	22,500 *
32	75.2	108.7	22,500 *
34	74.1	108.1	22,500 *
36	73.0	107.5	22,500 *
38	71.9	106.8	22,500 *
40	70.7	106.1	22,500 *
45	67.9	104.2	18,800
50	64.9	101.9	14,400



Liftcrane Luffing Jib

Intermediate Fall Capacities

New York City Code
Boom No. 260
Luffing Jib No. 222
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

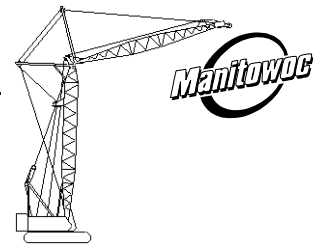
Meets
ANSI B30.5
Requirements

222 SERIES B
222EX SERIES B

90 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
115 Ft. BOOM			
20	82.5	121.4	11,200 *
22	81.5	121.1	11,200 *
24	80.5	120.8	11,200 *
26	79.5	120.4	11,200 *
28	78.5	120.0	11,200 *
30	77.5	119.5	11,200 *
32	76.5	119.0	11,200 *
34	75.5	118.5	11,200 *
36	74.5	118.0	11,200 *
38	73.5	117.4	11,200 *
40	72.5	116.7	11,200 *
45	69.9	114.9	11,200 *
50	67.2	112.9	11,200 *
125 Ft. BOOM			
22	82.2	131.2	11,200 *
24	81.3	130.9	11,200 *
26	80.4	130.6	11,200 *
28	79.5	130.2	11,200 *
30	78.5	129.8	11,200 *
32	77.6	129.3	11,200 *
34	76.7	128.9	11,200 *
36	75.7	128.3	11,200 *
38	74.8	127.8	11,200 *
40	73.9	127.2	11,200 *
45	71.5	125.6	11,200 *
50	69.1	123.7	11,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
135 Ft. BOOM			
22	82.8	141.4	11,200 *
24	81.9	141.1	11,200 *
26	81.1	140.7	11,200 *
28	80.2	140.4	11,200 *
30	79.4	140.0	11,200 *
32	78.5	139.6	11,200 *
34	77.7	139.1	11,200 *
36	76.8	138.7	11,200 *
38	75.9	138.2	11,200 *
40	75.1	137.6	11,200 *
45	72.9	136.1	11,200 *
50	70.7	134.4	11,200 *
55	68.5	132.5	11,200 *



Liftcrane Luffing Jib Intermediate Fall Capacities

New York City Code

Boom No. 260

Luffing Jib No. 222

63,300 Lb. Crane Counterweight

14,000 Lb. Crawler Frame Counterweight

22 Ft. 4 in. Crawlers Extended

360 Degree Rating

Meets
ANSI B30.5
Requirements

222 SERIES B
222EX SERIES B

100 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
12	82.7	62.0	22,500 *
13	81.7	61.8	22,500 *
14	80.7	61.6	22,500 *
15	79.6	61.4	22,500 *
16	78.6	61.2	22,500 *
17	77.6	61.0	22,500 *
18	76.5	60.7	22,500 *
19	75.5	60.4	22,500 *
20	74.5	60.1	22,500 *
22	72.4	59.5	22,500 *
24	70.2	58.7	22,500 *
26	68.1	57.9	22,500 *
28	65.8	57.0	22,500 *
30	63.6	56.0	22,500 *
32	61.3	54.9	22,500 *
34	59.0	53.6	22,500 *
36	56.6	52.3	22,500 *
38	54.1	50.8	22,500 *
40	51.5	49.2	19,900 *
45	44.6	44.5	13,200 *
65 Ft. BOOM			
13	82.9	71.9	22,500 *
14	82.1	71.8	22,500 *
15	81.2	71.6	22,500 *
16	80.3	71.4	22,500 *
17	79.5	71.2	22,500 *
18	78.6	71.0	22,500 *
19	77.7	70.8	22,500 *
20	76.8	70.5	22,500 *
22	75.1	70.0	22,500 *
24	73.3	69.3	22,500 *
26	71.5	68.7	22,500 *
28	69.7	67.9	22,500 *
30	67.8	67.1	22,500 *
32	65.9	66.2	22,500 *
34	64.0	65.2	22,500 *
36	62.1	64.1	22,500 *
38	60.1	62.9	22,500 *
40	58.1	61.7	21,100
45	52.8	58.1	15,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
15	82.4	81.7	22,500 *
16	81.6	81.6	22,500 *
17	80.8	81.4	22,500 *
18	80.1	81.2	22,500 *
19	79.3	81.0	22,500 *
20	78.6	80.8	22,500 *
22	77.0	80.3	22,500 *
24	75.5	79.8	22,500 *
26	74.0	79.2	22,500 *
28	72.4	78.6	22,500 *
30	70.8	77.8	22,500 *
32	69.2	77.1	22,500 *
34	67.6	76.2	22,500 *
36	66.0	75.3	22,500 *
38	64.3	74.4	22,500 *
40	62.7	73.3	21,900
45	58.4	70.3	16,300
50	53.8	66.8	11,500 *
85 Ft. BOOM			
16	82.6	91.7	22,500 *
17	81.9	91.6	22,500 *
18	81.2	91.4	22,500 *
19	80.6	91.2	22,500 *
20	79.9	91.0	22,500 *
22	78.6	90.6	22,500 *
24	77.2	90.1	22,500 *
26	75.9	89.6	22,500 *
28	74.5	89.0	22,500 *
30	73.1	88.4	22,500 *
32	71.7	87.8	22,500 *
34	70.3	87.0	22,500 *
36	68.9	86.2	22,500 *
38	67.5	85.4	22,500 *
40	66.0	84.5	22,500 *
45	62.4	82.0	16,800
50	58.5	79.0	12,500

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
95 Ft. BOOM			
17	82.7	101.7	22,500 *
18	82.2	101.5	22,500 *
19	81.6	101.4	22,500 *
20	81.0	101.2	22,500 *
22	79.8	100.8	22,500 *
24	78.6	100.4	22,500 *
26	77.3	99.9	22,500 *
28	76.1	99.4	22,500 *
30	74.9	98.9	22,500 *
32	73.7	98.3	22,500 *
34	72.4	97.6	22,500 *
36	71.2	96.9	22,500 *
38	69.9	96.2	22,500 *
40	68.7	95.4	22,500 *
45	65.4	93.2	17,300
50	62.1	90.6	12,900
105 Ft. BOOM			
18	82.9	111.6	22,500 *
19	82.3	111.5	22,500 *
20	81.8	111.3	22,500 *
22	80.7	111.0	22,500 *
24	79.6	110.6	22,500 *
26	78.5	110.2	22,500 *
28	77.4	109.7	22,500 *
30	76.3	109.2	22,500 *
32	75.2	108.7	22,500 *
34	74.1	108.1	22,500 *
36	73.0	107.5	22,500 *
38	71.9	106.8	22,500 *
40	70.7	106.1	22,500 *
45	67.9	104.2	17,500
50	64.9	101.9	13,100



Liftcrane Luffing Jib

Intermediate Fall Capacities

New York City Code
Boom No. 260
Luffing Jib No. 222
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

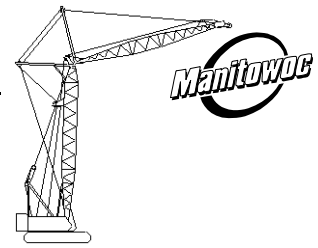
Meets
ANSI B30.5
Requirements

222 SERIES B
222EX SERIES B

100 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
115 Ft. BOOM			
20	82.5	121.4	11,200 *
22	81.5	121.1	11,200 *
24	80.5	120.8	11,200 *
26	79.5	120.4	11,200 *
28	78.5	120.0	11,200 *
30	77.5	119.5	11,200 *
32	76.5	119.0	11,200 *
34	75.5	118.5	11,200 *
36	74.5	118.0	11,200 *
38	73.5	117.4	11,200 *
40	72.5	116.7	11,200 *
45	69.9	114.9	11,200 *
50	67.2	112.9	11,200 *
125 Ft. BOOM			
22	82.2	131.2	11,200 *
24	81.3	130.9	11,200 *
26	80.4	130.6	11,200 *
28	79.5	130.2	11,200 *
30	78.5	129.8	11,200 *
32	77.6	129.3	11,200 *
34	76.7	128.9	11,200 *
36	75.7	128.3	11,200 *
38	74.8	127.8	11,200 *
40	73.9	127.2	11,200 *
45	71.5	125.6	11,200 *
50	69.1	123.7	11,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
135 Ft. BOOM			
22	82.8	141.4	11,200 *
24	81.9	141.1	11,200 *
26	81.1	140.7	11,200 *
28	80.2	140.4	11,200 *
30	79.4	140.0	11,200 *
32	78.5	139.6	11,200 *
34	77.7	139.1	11,200 *
36	76.8	138.7	11,200 *
38	75.9	138.2	11,200 *
40	75.1	137.6	11,200 *
45	72.9	136.1	11,200 *
50	70.7	134.4	11,200 *



Liftcrane Luffing Jib Intermediate Fall Capacities

New York City Code
Boom No. 260
Luffing Jib No. 222
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

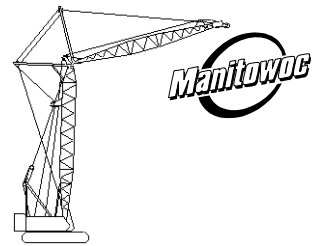
222 SERIES B
222EX SERIES B

110 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
12	82.7	62.0	22,500 *
13	81.7	61.8	22,500 *
14	80.7	61.6	22,500 *
15	79.6	61.4	22,500 *
16	78.6	61.2	22,500 *
17	77.6	61.0	22,500 *
18	76.5	60.7	22,500 *
19	75.5	60.4	22,500 *
20	74.5	60.1	22,500 *
22	72.4	59.5	22,500 *
24	70.2	58.7	22,500 *
26	68.1	57.9	22,500 *
28	65.8	57.0	22,500 *
30	63.6	56.0	22,500 *
32	61.3	54.9	22,500 *
34	59.0	53.6	22,500 *
36	56.6	52.3	22,500 *
38	54.1	50.8	19,800 *
40	51.5	49.2	16,500 *
65 Ft. BOOM			
13	82.9	71.9	22,500 *
14	82.1	71.8	22,500 *
15	81.2	71.6	22,500 *
16	80.3	71.4	22,500 *
17	79.5	71.2	22,500 *
18	78.6	71.0	22,500 *
19	77.7	70.8	22,500 *
20	76.8	70.5	22,500 *
22	75.1	70.0	22,500 *
24	73.3	69.3	22,500 *
26	71.5	68.7	22,500 *
28	69.7	67.9	22,500 *
30	67.8	67.1	22,500 *
32	65.9	66.2	22,500 *
34	64.0	65.2	22,500 *
36	62.1	64.1	22,500 *
38	60.1	62.9	21,200
40	58.1	61.7	18,500
45	52.8	58.1	12,100 *
75 Ft. BOOM			
15	82.4	81.7	22,500 *
16	81.6	81.6	22,500 *
17	80.8	81.4	22,500 *
18	80.1	81.2	22,500 *
19	79.3	81.0	22,500 *
20	78.6	80.8	22,500 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
22	77.0	80.3	22,500 *
24	75.5	79.8	22,500 *
26	74.0	79.2	22,500 *
28	72.4	78.6	22,500 *
30	70.8	77.8	22,500 *
32	69.2	77.1	22,500 *
34	67.6	76.2	22,500 *
36	66.0	75.3	22,500 *
38	64.3	74.4	22,300
40	62.7	73.3	19,600
45	58.4	70.3	14,000 *
85 Ft. BOOM			
16	82.6	91.7	22,500 *
17	81.9	91.6	22,500 *
18	81.2	91.4	22,500 *
19	80.6	91.2	22,500 *
20	79.9	91.0	22,500 *
22	78.6	90.6	22,500 *
24	77.2	90.1	22,500 *
26	75.9	89.6	22,500 *
28	74.5	89.0	22,500 *
30	73.1	88.4	22,500 *
32	71.7	87.8	22,500 *
34	70.3	87.0	22,500 *
36	68.9	86.2	22,500 *
38	67.5	85.4	22,500 *
40	66.0	84.5	20,200
45	62.4	82.0	14,700
95 Ft. BOOM			
17	82.7	101.7	22,500 *
18	82.2	101.5	22,500 *
19	81.6	101.4	22,500 *
20	81.0	101.2	22,500 *
22	79.8	100.8	22,500 *
24	78.6	100.4	22,500 *
26	77.3	99.9	22,500 *
28	76.1	99.4	22,500 *
30	74.9	98.9	22,500 *
32	73.7	98.3	22,500 *
34	72.4	97.6	22,500 *
36	71.2	96.9	22,500 *
38	69.9	96.2	22,500 *
40	68.7	95.4	20,800
45	65.4	93.2	15,200

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
105 Ft. BOOM			
18	82.9	111.6	22,500 *
19	82.3	111.5	22,500 *
20	81.8	111.3	22,500 *
22	80.7	111.0	22,500 *
24	79.6	110.6	22,500 *
26	78.5	110.2	22,500 *
28	77.4	109.7	22,500 *
30	76.3	109.2	22,500 *
32	75.2	108.7	22,500 *
34	74.1	108.1	22,500 *
36	73.0	107.5	22,500 *
38	71.9	106.8	22,500 *
40	70.7	106.1	21,100
45	67.9	104.2	15,500
115 Ft. BOOM			
20	82.5	121.4	11,200 *
22	81.5	121.1	11,200 *
24	80.5	120.8	11,200 *
26	79.5	120.4	11,200 *
28	78.5	120.0	11,200 *
30	77.5	119.5	11,200 *
32	76.5	119.0	11,200 *
34	75.5	118.5	11,200 *
36	74.5	118.0	11,200 *
38	73.5	117.4	11,200 *
40	72.5	116.7	11,200 *
45	69.9	114.9	11,200 *
50	67.2	112.9	11,200 *
125 Ft. BOOM			
22	82.2	131.2	11,200 *
24	81.3	130.9	11,200 *
26	80.4	130.6	11,200 *
28	79.5	130.2	11,200 *
30	78.5	129.8	11,200 *
32	77.6	129.3	11,200 *
34	76.7	128.9	11,200 *
36	75.7	128.3	11,200 *
38	74.8	127.8	11,200 *
40	73.9	127.2	11,200 *
45	71.5	125.6	11,200 *
50	69.1	123.7	11,200 *



Liftcrane Luffing Jib Intermediate Fall Capacities

New York City Code
Boom No. 260
Luffing Jib No. 222
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

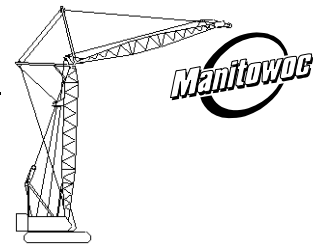
222 SERIES B
222EX SERIES B

120 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
12	82.7	62.0	22,500 *
13	81.7	61.8	22,500 *
14	80.7	61.6	22,500 *
15	79.6	61.4	22,500 *
16	78.6	61.2	22,500 *
17	77.6	61.0	22,500 *
18	76.5	60.7	22,500 *
19	75.5	60.4	22,500 *
20	74.5	60.1	22,500 *
22	72.4	59.5	22,500 *
24	70.2	58.7	22,500 *
26	68.1	57.9	22,500 *
28	65.8	57.0	22,500 *
30	63.6	56.0	22,500 *
32	61.3	54.9	22,500 *
34	59.0	53.6	22,500 *
36	56.6	52.3	20,300 *
38	54.1	50.8	16,700 *
40	51.5	49.2	13,500 *
65 Ft. BOOM			
13	82.9	71.9	22,500 *
14	82.1	71.8	22,500 *
15	81.2	71.6	22,500 *
16	80.3	71.4	22,500 *
17	79.5	71.2	22,500 *
18	78.6	71.0	22,500 *
19	77.7	70.8	22,500 *
20	76.8	70.5	22,500 *
22	75.1	70.0	22,500 *
24	73.3	69.3	22,500 *
26	71.5	68.7	22,500 *
28	69.7	67.9	22,500 *
30	67.8	67.1	22,500 *
32	65.9	66.2	22,500 *
34	64.0	65.2	22,500 *
36	62.1	64.1	21,900
38	60.1	62.9	18,900
40	58.1	61.7	16,100 *
75 Ft. BOOM			
15	82.4	81.7	22,500 *
16	81.6	81.6	22,500 *
17	80.8	81.4	22,500 *
18	80.1	81.2	22,500 *
19	79.3	81.0	22,500 *
20	78.6	80.8	22,500 *
22	77.0	80.3	22,500 *
24	75.5	79.8	22,500 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
26	74.0	79.2	22,500 *
28	72.4	78.6	22,500 *
30	70.8	77.8	22,500 *
32	69.2	77.1	22,500 *
34	67.6	76.2	22,500 *
36	66.0	75.3	22,500 *
38	64.3	74.4	20,100
40	62.7	73.3	17,400
45	58.4	70.3	11,500 *
85 Ft. BOOM			
16	82.6	91.7	22,500 *
17	81.9	91.6	22,500 *
18	81.2	91.4	22,500 *
19	80.6	91.2	22,500 *
20	79.9	91.0	22,500 *
22	78.6	90.6	22,500 *
24	77.2	90.1	22,500 *
26	75.9	89.6	22,500 *
28	74.5	89.0	22,500 *
30	73.1	88.4	22,500 *
32	71.7	87.8	22,500 *
34	70.3	87.0	22,500 *
36	68.9	86.2	22,500 *
38	67.5	85.4	20,900
40	66.0	84.5	18,200
45	62.4	82.0	12,800
95 Ft. BOOM			
17	82.7	101.7	22,500 *
18	82.2	101.5	22,500 *
19	81.6	101.4	22,500 *
20	81.0	101.2	22,500 *
22	79.8	100.8	22,500 *
24	78.6	100.4	22,500 *
26	77.3	99.9	22,500 *
28	76.1	99.4	22,500 *
30	74.9	98.9	22,500 *
32	73.7	98.3	22,500 *
34	72.4	97.6	22,500 *
36	71.2	96.9	22,500 *
38	69.9	96.2	21,600
40	68.7	95.4	18,900
45	65.4	93.2	13,400

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
105 Ft. BOOM			
18	82.9	111.6	22,500 *
19	82.3	111.5	22,500 *
20	81.8	111.3	22,500 *
22	80.7	111.0	22,500 *
24	79.6	110.6	22,500 *
26	78.5	110.2	22,500 *
28	77.4	109.7	22,500 *
30	76.3	109.2	22,500 *
32	75.2	108.7	22,500 *
34	74.1	108.1	22,500 *
36	73.0	107.5	22,500 *
38	71.9	106.8	22,000
40	70.7	106.1	19,300
45	67.9	104.2	13,800
115 Ft. BOOM			
20	82.5	121.4	11,200 *
22	81.5	121.1	11,200 *
24	80.5	120.8	11,200 *
26	79.5	120.4	11,200 *
28	78.5	120.0	11,200 *
30	77.5	119.5	11,200 *
32	76.5	119.0	11,200 *
34	75.5	118.5	11,200 *
36	74.5	118.0	11,200 *
38	73.5	117.4	11,200 *
40	72.5	116.7	11,200 *
45	69.9	114.9	11,200 *
125 Ft. BOOM			
22	82.2	131.2	11,200 *
24	81.3	130.9	11,200 *
26	80.4	130.6	11,200 *
28	79.5	130.2	11,200 *
30	78.5	129.8	11,200 *
32	77.6	129.3	11,200 *
34	76.7	128.9	11,200 *
36	75.7	128.3	11,200 *
38	74.8	127.8	11,200 *
40	73.9	127.2	11,200 *
45	71.5	125.6	11,200 *



Liftcrane Luffing Jib Intermediate Fall Capacities

New York City Code
Boom No. 260
Luffing Jib No. 222
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

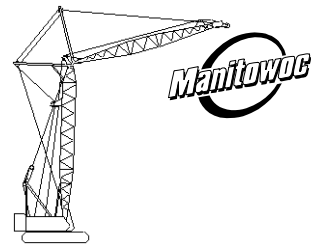
222 SERIES B
222EX SERIES B

130 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
12	82.7	62.0	22,500 *
13	81.7	61.8	22,500 *
14	80.7	61.6	22,500 *
15	79.6	61.4	22,500 *
16	78.6	61.2	22,500 *
17	77.6	61.0	22,500 *
18	76.5	60.7	22,500 *
19	75.5	60.4	22,500 *
20	74.5	60.1	22,500 *
22	72.4	59.5	22,500 *
24	70.2	58.7	22,500 *
26	68.1	57.9	22,500 *
28	65.8	57.0	22,500 *
30	63.6	56.0	22,500 *
32	61.3	54.9	22,500 *
34	59.0	53.6	20,500 *
36	56.6	52.3	16,400 *
38	54.1	50.8	12,900 *
65 Ft. BOOM			
13	82.9	71.9	22,500 *
14	82.1	71.8	22,500 *
15	81.2	71.6	22,500 *
16	80.3	71.4	22,500 *
17	79.5	71.2	22,500 *
18	78.6	71.0	22,500 *
19	77.7	70.8	22,500 *
20	76.8	70.5	22,500 *
22	75.1	70.0	22,500 *
24	73.3	69.3	22,500 *
26	71.5	68.7	22,500 *
28	69.7	67.9	22,500 *
30	67.8	67.1	22,500 *
32	65.9	66.2	22,500 *
34	64.0	65.2	22,400
36	62.1	64.1	19,000
38	60.1	62.9	15,800 *
40	58.1	61.7	12,600 *
75 Ft. BOOM			
15	82.4	81.7	22,500 *
16	81.6	81.6	22,500 *
17	80.8	81.4	22,500 *
18	80.1	81.2	22,500 *
19	79.3	81.0	22,500 *
20	78.6	80.8	22,500 *
22	77.0	80.3	22,500 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
24	75.5	79.8	22,500 *
26	74.0	79.2	22,500 *
28	72.4	78.6	22,500 *
30	70.8	77.8	22,500 *
32	69.2	77.1	22,500 *
34	67.6	76.2	22,500 *
36	66.0	75.3	20,400
38	64.3	74.4	17,400
40	62.7	73.3	14,800
85 Ft. BOOM			
16	82.6	91.7	22,500 *
17	81.9	91.6	22,500 *
18	81.2	91.4	22,500 *
19	80.6	91.2	22,500 *
20	79.9	91.0	22,500 *
22	78.6	90.6	22,500 *
24	77.2	90.1	22,500 *
26	75.9	89.6	22,500 *
28	74.5	89.0	22,500 *
30	73.1	88.4	22,500 *
32	71.7	87.8	22,500 *
34	70.3	87.0	22,500 *
36	68.9	86.2	21,400
38	67.5	85.4	18,400
40	66.0	84.5	15,800
95 Ft. BOOM			
17	82.7	101.7	22,500 *
18	82.2	101.5	22,500 *
19	81.6	101.4	22,500 *
20	81.0	101.2	22,500 *
22	79.8	100.8	22,500 *
24	78.6	100.4	22,500 *
26	77.3	99.9	22,500 *
28	76.1	99.4	22,500 *
30	74.9	98.9	22,500 *
32	73.7	98.3	22,500 *
34	72.4	97.6	22,500 *
36	71.2	96.9	22,200
38	69.9	96.2	19,200
40	68.7	95.4	16,500

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
105 Ft. BOOM			
18	82.9	111.6	22,500 *
19	82.3	111.5	22,500 *
20	81.8	111.3	22,500 *
22	80.7	111.0	22,500 *
24	79.6	110.6	22,500 *
26	78.5	110.2	22,500 *
28	77.4	109.7	22,500 *
30	76.3	109.2	22,500 *
32	75.2	108.7	22,500 *
34	74.1	108.1	22,500 *
36	73.0	107.5	22,500 *
38	71.9	106.8	19,700
40	70.7	106.1	17,000
45	67.9	104.2	11,600
115 Ft. BOOM			
20	82.5	121.4	11,200 *
22	81.5	121.1	11,200 *
24	80.5	120.8	11,200 *
26	79.5	120.4	11,200 *
28	78.5	120.0	11,200 *
30	77.5	119.5	11,200 *
32	76.5	119.0	11,200 *
34	75.5	118.5	11,200 *
36	74.5	118.0	11,200 *
38	73.5	117.4	11,200 *
40	72.5	116.7	11,200 *
45	69.9	114.9	11,200 *
125 Ft. BOOM			
22	82.2	131.2	11,200 *
24	81.3	130.9	11,200 *
26	80.4	130.6	11,200 *
28	79.5	130.2	11,200 *
30	78.5	129.8	11,200 *
32	77.6	129.3	11,200 *
34	76.7	128.9	11,200 *
36	75.7	128.3	11,200 *
38	74.8	127.8	9,100
40	73.9	127.2	6,700



Liftcrane Luffing Jib Intermediate Fall Capacities

New York City Code
Boom No. 260
Luffing Jib No. 222
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

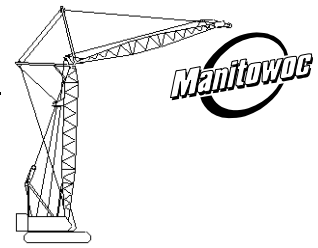
222 SERIES B
222EX SERIES B

140 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
12	82.7	62.0	22,500 *
13	81.7	61.8	22,500 *
14	80.7	61.6	22,500 *
15	79.6	61.4	22,500 *
16	78.6	61.2	22,500 *
17	77.6	61.0	22,500 *
18	76.5	60.7	22,500 *
19	75.5	60.4	22,500 *
20	74.5	60.1	22,500 *
22	72.4	59.5	22,500 *
24	70.2	58.7	22,500 *
26	68.1	57.9	22,500 *
28	65.8	57.0	22,500 *
30	63.6	56.0	22,500 *
32	61.3	54.9	21,900
34	59.0	53.6	17,400 *
36	56.6	52.3	13,400 *
65 Ft. BOOM			
13	82.9	71.9	22,500 *
14	82.1	71.8	22,500 *
15	81.2	71.6	22,500 *
16	80.3	71.4	22,500 *
17	79.5	71.2	22,500 *
18	78.6	71.0	22,500 *
19	77.7	70.8	22,500 *
20	76.8	70.5	22,500 *
22	75.1	70.0	22,500 *
24	73.3	69.3	22,500 *
26	71.5	68.7	22,500 *
28	69.7	67.9	22,500 *
30	67.8	67.1	22,500 *
32	65.9	66.2	22,500 *
34	64.0	65.2	20,100
36	62.1	64.1	16,700 *
38	60.1	62.9	13,100 *
75 Ft. BOOM			
15	82.4	81.7	22,500 *
16	81.6	81.6	22,500 *
17	80.8	81.4	22,500 *
18	80.1	81.2	22,500 *
19	79.3	81.0	22,500 *
20	78.6	80.8	22,500 *
22	77.0	80.3	22,500 *
24	75.5	79.8	22,500 *
26	74.0	79.2	22,500 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
28	72.4	78.6	22,500 *
30	70.8	77.8	22,500 *
32	69.2	77.1	22,500 *
34	67.6	76.2	21,700
36	66.0	75.3	18,300
38	64.3	74.4	15,400
40	62.7	73.3	12,600 *
85 Ft. BOOM			
16	82.6	91.7	22,500 *
17	81.9	91.6	22,500 *
18	81.2	91.4	22,500 *
19	80.6	91.2	22,500 *
20	79.9	91.0	22,500 *
22	78.6	90.6	22,500 *
24	77.2	90.1	22,500 *
26	75.9	89.6	22,500 *
28	74.5	89.0	22,500 *
30	73.1	88.4	22,500 *
32	71.7	87.8	22,500 *
34	70.3	87.0	22,500 *
36	68.9	86.2	19,400
38	67.5	85.4	16,400
40	66.0	84.5	13,900
95 Ft. BOOM			
17	82.7	101.7	22,500 *
18	82.2	101.5	22,500 *
19	81.6	101.4	22,500 *
20	81.0	101.2	22,500 *
22	79.8	100.8	22,500 *
24	78.6	100.4	22,500 *
26	77.3	99.9	22,500 *
28	76.1	99.4	22,500 *
30	74.9	98.9	22,500 *
32	73.7	98.3	22,500 *
34	72.4	97.6	22,500 *
36	71.2	96.9	20,300
38	69.9	96.2	17,300
40	68.7	95.4	14,700

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
105 Ft. BOOM			
18	82.9	111.6	22,500 *
19	82.3	111.5	22,500 *
20	81.8	111.3	22,500 *
22	80.7	111.0	22,500 *
24	79.6	110.6	22,500 *
26	78.5	110.2	22,500 *
28	77.4	109.7	22,500 *
30	76.3	109.2	22,500 *
32	75.2	108.7	22,500 *
34	74.1	108.1	22,500 *
36	73.0	107.5	20,900
38	71.9	106.8	17,900
40	70.7	106.1	15,300
115 Ft. BOOM			
20	82.5	121.4	11,200 *
22	81.5	121.1	11,200 *
24	80.5	120.8	11,200 *
26	79.5	120.4	11,200 *
28	78.5	120.0	11,200 *
30	77.5	119.5	11,200 *
32	76.5	119.0	11,200 *
34	75.5	118.5	11,200 *
36	74.5	118.0	9,300
38	73.5	117.4	6,500
40	72.5	116.7	4,200
125 Ft. BOOM			
22	82.2	131.2	11,200 *
24	81.3	130.9	11,200 *
26	80.4	130.6	11,200 *
28	79.5	130.2	11,200 *
30	78.5	129.8	11,200 *
32	77.6	129.3	11,200 *
34	76.7	128.9	11,200 *
36	75.7	128.3	9,700
38	74.8	127.8	7,000
40	73.9	127.2	4,600



Liftcrane Luffing Jib Intermediate Fall Capacities

New York City Code

Boom No. 260

Luffing Jib No. 222

63,300 Lb. Crane Counterweight

14,000 Lb. Crawler Frame Counterweight

22 Ft. 4 in. Crawlers Extended

360 Degree Rating

Meets
ANSI B30.5
Requirements

222 SERIES B
222EX SERIES B

150 Ft. Luffing Jib, Attached At 165 Degree Boom To Luffing Jib Angle

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
55 Ft. BOOM			
12	82.7	62.0	22,500 *
13	81.7	61.8	22,500 *
14	80.7	61.6	22,500 *
15	79.6	61.4	22,500 *
16	78.6	61.2	22,500 *
17	77.6	61.0	22,500 *
18	76.5	60.7	22,500 *
19	75.5	60.4	22,500 *
20	74.5	60.1	22,500 *
22	72.4	59.5	22,500 *
24	70.2	58.7	22,500 *
26	68.1	57.9	22,500 *
28	65.8	57.0	22,500 *
30	63.6	56.0	22,500 *
32	61.3	54.9	17,600 *
34	59.0	53.6	13,100 *
65 Ft. BOOM			
13	82.9	71.9	22,500 *
14	82.1	71.8	22,500 *
15	81.2	71.6	22,500 *
16	80.3	71.4	22,500 *
17	79.5	71.2	22,500 *
18	78.6	71.0	22,500 *
19	77.7	70.8	22,500 *
20	76.8	70.5	22,500 *
22	75.1	70.0	22,500 *
24	73.3	69.3	22,500 *
26	71.5	68.7	22,500 *
28	69.7	67.9	22,500 *
30	67.8	67.1	22,500 *
32	65.9	66.2	20,700
34	64.0	65.2	16,900 *
36	62.1	64.1	12,900 *
75 Ft. BOOM			
15	82.4	81.7	22,500 *
16	81.6	81.6	22,500 *
17	80.8	81.4	22,500 *
18	80.1	81.2	22,500 *
19	79.3	81.0	22,500 *
20	78.6	80.8	22,500 *
22	77.0	80.3	22,500 *
24	75.5	79.8	22,500 *

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
75 Ft. BOOM			
26	74.0	79.2	22,500 *
28	72.4	78.6	22,500 *
30	70.8	77.8	22,500 *
32	69.2	77.1	22,500 *
34	67.6	76.2	18,700
36	66.0	75.3	15,400
38	64.3	74.4	12,200 *
85 Ft. BOOM			
16	82.6	91.7	22,500 *
17	81.9	91.6	22,500 *
18	81.2	91.4	22,500 *
19	80.6	91.2	22,500 *
20	79.9	91.0	22,500 *
22	78.6	90.6	22,500 *
24	77.2	90.1	22,500 *
26	75.9	89.6	22,500 *
28	74.5	89.0	22,500 *
30	73.1	88.4	22,500 *
32	71.7	87.8	22,500 *
34	70.3	87.0	19,900
36	68.9	86.2	16,600
38	67.5	85.4	13,800
95 Ft. BOOM			
17	82.7	101.7	22,500 *
18	82.2	101.5	22,500 *
19	81.6	101.4	22,500 *
20	81.0	101.2	22,500 *
22	79.8	100.8	22,500 *
24	78.6	100.4	22,500 *
26	77.3	99.9	22,500 *
28	76.1	99.4	22,500 *
30	74.9	98.9	22,500 *
32	73.7	98.3	22,500 *
34	72.4	97.6	20,900
36	71.2	96.9	17,600
38	69.9	96.2	14,700
40	68.7	95.4	12,200

Oper. Rad. Feet	Boom Ang. Deg.	Intermediate Fall	
		Elev. Feet	Capacity Pounds
105 Ft. BOOM			
18	82.9	111.6	22,500 *
19	82.3	111.5	22,500 *
20	81.8	111.3	22,500 *
22	80.7	111.0	22,500 *
24	79.6	110.6	22,500 *
26	78.5	110.2	22,500 *
28	77.4	109.7	20,800
30	76.3	109.2	15,900
32	75.2	108.7	11,700
34	74.1	108.1	8,200
36	73.0	107.5	5,100
115 Ft. BOOM			
20	82.5	121.4	11,200 *
22	81.5	121.1	11,200 *
24	80.5	120.8	11,200 *
26	79.5	120.4	11,200 *
28	78.5	120.0	11,200 *
30	77.5	119.5	11,200 *
32	76.5	119.0	11,200 *
34	75.5	118.5	9,100
36	74.5	118.0	6,100