

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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: Chart supplements boom capacity chart **No. 9126-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 = 10,000 Lbs., 3rd crane counterweight = 24,800 Lbs. and four 3,500 Lb. crawler frame counterweights.

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.	60 Ft.	190 Ft.	60 Ft.
Load block, hook and weight ball on ground at start.			



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222 SERIES B
222EX SERIES B

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	20,000 *	55.5	85.3	19,900 *	57.6	84.2	17,000 *				65
70	49.5	81.6	20,000 *	51.8	81.2	18,500 *	53.9	80.1	16,100 *				70
75	45.6	77.0	18,600	47.9	76.5	17,300 *	49.9	75.3	15,300 *				75
80	41.4	71.6	17,100	43.7	71.1	16,300 *							80
90	31.8	58.0	14,600 *										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	20,000 *	59.1	97.5	20,000 *	61.1	96.5	18,000 *	63.0	94.7	14,200 *	65
70	53.8	94.4	20,000 *	55.9	94.0	20,000 *	57.9	92.9	17,000 *	59.7	91.1	13,700 *	70
75	50.5	90.5	18,400	52.6	90.0	18,500	54.5	88.9	16,200 *				75
80	47.0	86.0	16,900	49.1	85.6	17,000	51.0	84.4	15,500 *				80
90	39.4	75.3	14,400	41.4	74.7	14,500							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	20,000 *	61.9	109.3	20,000 *	63.8	108.3	19,000 *	65.6	106.5	14,700 *	65
70	57.2	106.6	19,900	59.1	106.2	20,000 *	61.0	105.1	18,000 *	62.7	103.3	14,200 *	70
75	54.3	103.2	18,100	56.3	102.7	18,300	58.1	101.6	17,100 *	59.7	99.8	13,600 *	75
80	51.3	99.3	16,600	53.2	98.9	16,800	55.0	97.7	16,300 *				80
90	44.9	90.2	14,200	46.8	89.7	14,300							90
100	37.7	78.7	12,300										100

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22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

222 SERIES B 222EX SERIES B

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	20,000 *	66.8	123.2	20,000 *	68.5	122.3	20,000 *	70.2	120.6	15,900 *	60
65	62.5	121.2	20,000 *	64.3	120.7	20,000 *	66.0	119.7	19,900 *	67.7	118.0	15,200 *	65
70	60.0	118.4	19,700	61.8	117.9	19,900	63.5	116.9	18,800 *	65.2	115.1	14,600 *	70
75	57.4	115.3	17,900	59.2	114.9	18,100	60.9	113.8	17,900 *	62.5	112.0	14,100 *	75
80	54.8	111.9	16,400	56.6	111.4	16,600	58.2	110.3	16,800	59.8	108.4	13,600 *	80
90	49.2	104.0	14,000	50.9	103.5	14,100	52.5	102.3	14,200				90
100	43.1	94.3	12,100	44.8	93.7	12,200							100
110	36.2	82.0	10,500										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	20,000 *	68.5	134.2	20,000 *	70.2	133.2	20,000 *	71.8	131.5	16,300 *	60
65	64.6	132.3	20,000 *	66.3	131.9	20,000 *	67.9	130.9	20,000 *	69.5	129.2	15,600 *	65
70	62.3	129.8	19,400	64.0	129.4	19,700	65.6	128.4	19,600 *	67.2	126.6	15,100 *	70
75	60.0	127.0	17,700	61.7	126.6	17,900	63.3	125.5	18,100	64.8	123.7	14,500 *	75
80	57.6	124.0	16,200	59.3	123.5	16,400	60.8	122.4	16,600	62.3	120.6	14,000 *	80
90	52.6	116.9	13,700	54.3	116.4	13,900	55.8	115.3	14,000				90
100	47.3	108.4	11,800	48.9	107.9	11,900	50.4	106.7	12,100				100
110	41.4	98.1	10,300	43.0	97.5	10,400							110
120	34.8	85.2	8,900 *										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	20,000 *	70.0	145.1	20,000 *	71.6	144.1	20,000 *	73.1	142.4	16,700 *	60
65	66.4	143.4	20,000 *	68.0	142.9	20,000 *	69.5	141.9	20,000 *	71.0	140.2	16,000 *	65
70	64.3	141.0	19,200	65.9	140.6	19,400	67.4	139.6	19,700	68.9	137.8	15,400 *	70
75	62.2	138.5	17,400	63.7	138.1	17,700	65.2	137.0	17,900	66.7	135.2	14,900 *	75
80	60.0	135.7	15,900	61.6	135.2	16,100	63.0	134.2	16,300	64.4	132.3	14,400 *	80
90	55.5	129.3	13,500	57.0	128.8	13,600	58.5	127.7	13,800	59.8	125.8	13,600 *	90
100	50.7	121.7	11,500	52.2	121.2	11,700	53.6	120.0	11,800				100
110	45.6	112.7	10,000	47.1	112.1	10,100							110
120	40.0	101.8	8,700	41.4	101.2	8,800							120
130	33.6	88.2	7,300 *										130



Liftcrane Jib Capacities

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 Boom No. 222 With Open Throat Top
 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

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	20,000 *	71.4	155.8	20,000 *	72.8	154.8	20,000 *	74.2	153.1	17,100 *	60
65	67.9	154.2	20,000 *	69.4	153.8	20,000 *	70.9	152.8	20,000 *	72.3	151.1	16,400 *	65
70	66.0	152.1	18,900	67.5	151.7	19,200	68.9	150.6	19,500	70.3	148.9	15,800 *	70
75	64.0	149.7	17,200	65.5	149.3	17,400	66.9	148.2	17,700	68.3	146.4	15,300 *	75
80	62.0	147.2	15,700	63.5	146.7	15,900	64.9	145.6	16,100	66.2	143.8	14,800 *	80
90	57.9	141.3	13,200	59.4	140.8	13,400	60.7	139.7	13,600	62.0	137.8	13,800	90
100	53.6	134.4	11,300	55.0	133.9	11,500	56.3	132.8	11,600				100
110	49.0	126.3	9,800	50.4	125.8	9,900	51.7	124.6	10,000				110
120	44.1	116.8	8,500	45.5	116.2	8,600							120
130	38.6	105.3	7,200 *	40.0	104.7	7,400 *							130
140	32.5	91.2	6,000 *										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	20,000 *	72.5	166.4	20,000 *	73.9	165.4	20,000 *	75.2	163.7	17,400 *	60
65	69.3	165.0	20,000 *	70.7	164.6	20,000 *	72.1	163.6	20,000 *	73.4	161.8	16,700 *	65
70	67.5	163.0	18,500 *	68.9	162.6	18,700 *	70.2	161.5	19,000 *	71.6	159.8	16,200 *	70
75	65.7	160.8	16,900 *	67.1	160.4	17,100 *	68.4	159.3	17,400 *	69.7	157.5	15,600 *	75
80	63.8	158.4	15,500	65.2	158.0	15,700	66.5	156.9	15,900	67.8	155.1	15,100 *	80
90	60.0	153.0	13,000	61.4	152.6	13,200	62.7	151.5	13,400	63.9	149.6	13,600	90
100	56.0	146.7	11,100	57.4	146.2	11,300	58.7	145.1	11,400	59.8	143.1	11,600	100
110	51.9	139.4	9,500	53.2	138.9	9,700	54.4	137.6	9,800				110
120	47.4	130.8	8,200 *	48.8	130.3	8,400	50.0	129.0	8,500				120
130	42.7	120.7	7,000 *	44.0	120.1	7,200 *							130
140	37.4	108.7	5,900 *										140
150	31.5	94.0	4,800 *										150

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22 Ft. 4 in. Crawlers Extended
360 Degree Rating

Meets
ANSI B30.5
Requirements

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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	
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	20,000 *	73.5	177.0	20,000 *	74.8	175.9	20,000 *	76.1	174.2	17,700 *	60
65	70.5	175.7	19,600 *	71.8	175.2	19,800 *	73.1	174.2	20,000 *	74.4	172.5	17,100 *	65
70	68.8	173.8	17,800 *	70.1	173.4	18,000 *	71.4	172.3	18,300 *	72.7	170.5	16,500 *	70
75	67.1	171.7	16,200 *	68.4	171.3	16,500 *	69.7	170.3	16,700 *	70.9	168.5	15,900 *	75
80	65.4	169.5	14,900 *	66.7	169.1	15,100 *	67.9	168.0	15,400 *	69.1	166.2	15,400 *	80
90	61.8	164.5	12,600 *	63.1	164.0	12,800 *	64.3	162.9	13,000 *	65.5	161.1	13,300 *	90
100	58.1	158.6	10,700 *	59.4	158.2	10,900 *	60.6	157.0	11,200 *	61.8	155.1	11,400	100
110	54.3	151.9	9,200 *	55.6	151.4	9,400 *	56.8	150.2	9,600 *				110
120	50.3	144.1	7,800 *	51.6	143.6	8,000 *	52.7	142.3	8,200 *				120
130	46.0	135.1	6,700 *	47.3	134.5	6,900 *							130
140	41.4	124.5	5,600 *	42.7	123.9	5,800 *							140
150	36.4	112.0	4,600 *										150
160	30.6	96.8	3,700 *										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	20,000 *	74.4	187.4	20,000 *	75.6	186.4	20,000 *	76.9	184.7	18,000 *	60
65	71.6	186.2	18,800 *	72.8	185.8	19,000 *	74.0	184.8	19,300 *	75.3	183.0	17,300 *	65
70	70.0	184.5	17,000 *	71.2	184.1	17,200 *	72.4	183.0	17,600 *	73.6	181.2	16,800 *	70
75	68.4	182.6	15,500 *	69.6	182.1	15,700 *	70.8	181.1	16,000 *	72.0	179.3	16,200 *	75
80	66.7	180.5	14,100 *	68.0	180.0	14,400 *	69.2	179.0	14,600 *	70.3	177.2	15,000 *	80
90	63.4	175.8	11,900 *	64.7	175.3	12,100 *	65.8	174.2	12,400 *	67.0	172.4	12,700 *	90
100	60.0	170.3	10,100 *	61.2	169.9	10,300 *	62.4	168.7	10,500 *	63.5	166.8	10,800 *	100
110	56.5	164.1	8,600 *	57.7	163.6	8,800 *	58.8	162.4	9,000 *	59.8	160.4	9,200 *	110
120	52.8	156.9	7,300 *	54.0	156.4	7,500 *	55.1	155.2	7,700 *				120
130	48.9	148.7	6,200 *	50.1	148.2	6,400 *	51.1	146.9	6,600 *				130
140	44.7	139.2	5,200 *	45.9	138.7	5,400 *							140
150	40.3	128.2	4,300 *	41.4	127.6	4,500 *							150
160	35.4	115.2	3,400 *										160



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	20,000 *	75.2	197.9	20,000 *	76.4	196.9	20,000 *	77.6	195.1	18,200 *	60
65	72.5	196.8	18,100 *	73.7	196.3	18,400 *	74.9	195.3	18,700 *	76.0	193.6	17,600 *	65
70	71.0	195.1	16,300 *	72.2	194.7	16,600 *	73.4	193.6	16,900 *	74.5	191.9	17,000 *	70
75	69.5	193.3	14,800 *	70.7	192.9	15,100 *	71.8	191.8	15,400 *	73.0	190.0	15,800 *	75
80	68.0	191.3	13,500 *	69.1	190.9	13,800 *	70.3	189.8	14,100 *	71.4	188.0	14,400 *	80
90	64.8	186.9	11,300 *	66.0	186.5	11,600 *	67.1	185.4	11,800 *	68.2	183.5	12,100 *	90
100	61.6	181.8	9,600 *	62.8	181.3	9,800 *	63.9	180.2	10,000 *	65.0	178.3	10,300 *	100
110	58.3	176.0	8,100 *	59.5	175.5	8,300 *	60.6	174.4	8,500 *	61.6	172.4	8,700 *	110
120	54.9	169.3	6,800 *	56.1	168.8	7,000 *	57.1	167.6	7,200 *				120
130	51.3	161.8	5,800 *	52.5	161.3	6,000 *	53.5	160.0	6,100 *				130
140	47.6	153.2	4,800 *	48.7	152.6	5,000 *	49.7	151.3	5,200 *				140
150	43.5	143.3	4,000 *	44.7	142.7	4,100 *							150
160	39.2	131.8	3,200 *	40.3	131.2	3,300 *							160
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	19,400 *	75.9	208.3	19,800 *	77.0	207.2	20,000 *	78.2	205.5	18,500 *	60
65	73.4	207.2	17,400 *	74.5	206.8	17,700 *	75.6	205.8	18,100 *	76.7	204.0	17,900 *	65
70	71.9	205.7	15,700 *	73.1	205.2	16,000 *	74.2	204.2	16,300 *	75.3	202.4	16,800 *	70
75	70.5	203.9	14,200 *	71.6	203.5	14,500 *	72.7	202.5	14,800 *	73.8	200.7	15,200 *	75
80	69.1	202.1	12,900 *	70.2	201.6	13,200 *	71.3	200.6	13,500 *	72.4	198.8	13,900 *	80
90	66.1	197.9	10,700 *	67.2	197.5	11,000 *	68.3	196.4	11,300 *	69.4	194.5	11,600 *	90
100	63.1	193.1	9,000 *	64.2	192.7	9,300 *	65.3	191.6	9,500 *	66.3	189.7	9,800 *	100
110	60.0	187.7	7,600 *	61.1	187.2	7,800 *	62.1	186.0	8,000 *	63.1	184.1	8,300 *	110
120	56.8	181.4	6,400 *	57.9	181.0	6,600 *	58.9	179.8	6,800 *	59.9	177.7	7,000 *	120
130	53.5	174.4	5,300 *	54.6	173.9	5,500 *	55.6	172.7	5,700 *				130
140	50.0	166.5	4,400 *	51.1	166.0	4,600 *	52.1	164.7	4,800 *				140
150	46.3	157.5	3,600 *	47.4	156.9	3,800 *							150
160				43.5	146.6	3,000 *							160

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	19,100 *	77.7	217.6	19,600 *	78.7	215.8	18,700 *	60
65	74.1	217.7	16,600 *	75.2	217.2	17,100 *	76.3	216.2	17,500 *	77.4	214.4	18,000 *	65
70	72.8	216.2	15,100 *	73.9	215.7	15,400 *	74.9	214.7	15,800 *	76.0	212.9	16,200 *	70
75	71.4	214.5	13,600 *	72.5	214.1	13,900 *	73.6	213.1	14,300 *	74.6	211.3	14,700 *	75
80	70.0	212.8	12,300 *	71.1	212.3	12,600 *	72.2	211.3	12,900 *	73.2	209.5	13,300 *	80
90	67.3	208.8	10,200 *	68.3	208.4	10,500 *	69.4	207.3	10,700 *	70.4	205.4	11,100 *	90
100	64.4	204.3	8,500 *	65.5	203.8	8,700 *	66.5	202.7	9,000 *	67.5	200.8	9,300 *	100
110	61.5	199.1	7,100 *	62.6	198.7	7,300 *	63.6	197.5	7,500 *	64.5	195.6	7,800 *	110
120	58.5	193.3	5,900 *	59.5	192.8	6,100 *	60.5	191.7	6,300 *	61.4	189.7	6,500 *	120
130	55.4	186.8	4,900 *	56.4	186.3	5,100 *	57.4	185.0	5,300 *				130
140	52.2	179.4	4,000 *	53.2	178.9	4,200 *	54.1	177.6	4,300 *				140
150	48.8	171.1	3,200 *	49.8	170.5	3,400 *	50.7	169.2	3,500 *				150



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	19,100 *	60.5	97.3	16,000 *	63.2	95.9	13,800 *	65.9	93.7	11,100 *	65
70	54.6	94.4	17,400 *	57.3	93.7	14,800 *	60.0	92.3	13,000 *	62.5	90.0	10,600 *	70
75	51.3	90.4	16,000 *	54.0	89.8	13,900 *	56.6	88.3	12,300 *				75
80	47.8	86.0	14,800 *	50.5	85.3	13,000 *	53.1	83.7	11,700 *				80
90	40.2	75.2	12,800 *	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	20,000 *	63.3	109.0	17,100 *	65.8	107.7	14,500 *	68.2	105.5	11,400 *	65
70	57.9	106.6	19,300 *	60.5	105.9	15,900 *	62.9	104.5	13,700 *	65.3	102.2	11,000 *	70
75	55.0	103.1	17,700 *	57.6	102.4	14,900 *	60.0	101.0	13,000 *	62.3	98.6	10,500 *	75
80	52.0	99.3	16,300 *	54.5	98.6	14,000 *	56.9	97.1	12,400 *				80
90	45.6	90.2	14,200 *	48.1	89.4	12,500 *	50.4	87.7	11,300 *				90
100	38.4	78.6	12,500 *	40.8	77.8	11,400 *							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	20,000 *	65.5	120.5	18,300 *	67.9	119.1	15,100 *	70.2	116.9	11,800 *	65
70	60.7	118.3	19,900	63.0	117.7	17,000 *	65.3	116.3	14,300 *	67.6	114.0	11,300 *	70
75	58.1	115.2	18,200	60.4	114.6	15,900 *	62.7	113.1	13,600 *	64.9	110.8	10,900 *	75
80	55.4	111.8	16,700	57.8	111.1	15,000 *	60.0	109.7	13,000 *	62.1	107.2	10,500 *	80
90	49.8	103.9	14,200	52.1	103.2	13,400 *	54.3	101.6	11,900 *				90
100	43.7	94.2	12,300	46.0	93.4	12,200 *							100
110	36.8	81.9	10,800										110

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	20,000 *	69.7	134.0	20,000 *	71.9	132.6	16,700 *	74.1	130.4	12,700 *	60
65	65.2	132.3	20,000 *	67.4	131.7	19,400 *	69.6	130.3	15,700 *	71.8	128.0	12,100 *	65
70	62.9	129.8	19,700	65.1	129.1	18,100 *	67.3	127.7	14,900 *	69.4	125.4	11,600 *	70
75	60.6	127.0	18,000	62.8	126.3	16,900 *	64.9	124.9	14,200 *	67.0	122.5	11,200 *	75
80	58.2	123.9	16,500	60.4	123.2	15,900 *	62.5	121.8	13,500 *	64.5	119.3	10,800 *	80
90	53.2	116.9	14,000	55.4	116.1	14,200	57.4	114.6	12,400 *				90
100	47.9	108.4	12,100	50.0	107.6	12,300	52.0	105.9	11,500 *				100
110	42.0	98.0	10,600	44.1	97.1	10,700							110
120	35.4	85.1	9,300										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	20,000 *	71.1	144.8	20,000 *	73.2	143.4	17,200 *	75.2	141.2	12,900 *	60
65	67.0	143.3	20,000 *	69.0	142.7	20,000 *	71.1	141.3	16,300 *	73.1	139.0	12,400 *	65
70	64.9	141.0	19,500	66.9	140.3	19,100 *	69.0	138.9	15,500 *	70.9	136.6	11,900 *	70
75	62.7	138.4	17,700	64.8	137.8	17,900 *	66.8	136.3	14,700 *	68.7	133.9	11,500 *	75
80	60.6	135.6	16,200	62.6	135.0	16,500	64.6	133.5	14,100 *	66.5	131.1	11,100 *	80
90	56.1	129.2	13,800	58.1	128.5	14,000	60.0	127.0	12,900 *	61.8	124.4	10,400 *	90
100	51.3	121.7	11,900	53.3	120.9	12,000	55.1	119.2	12,000 *				100
110	46.2	112.6	10,300	48.1	111.8	10,500							110
120	40.5	101.7	9,100	42.4	100.8	9,200							120
130	34.1	88.1	7,800 *										130



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 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

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	20,000 *	72.4	155.5	20,000 *	74.3	154.1	17,800 *	76.2	151.8	13,200 *	60
65	68.5	154.2	20,000 *	70.4	153.5	20,000 *	72.4	152.1	16,800 *	74.3	149.8	12,700 *	65
70	66.5	152.0	19,200	68.5	151.4	19,600	70.4	149.9	16,000 *	72.3	147.6	12,200 *	70
75	64.6	149.7	17,500	66.5	149.0	17,800	68.4	147.6	15,300 *	70.2	145.2	11,700 *	75
80	62.6	147.1	16,000	64.5	146.4	16,300	66.4	144.9	14,600 *	68.2	142.5	11,300 *	80
90	58.4	141.2	13,500	60.3	140.5	13,800	62.2	139.0	13,400 *	63.9	136.5	10,700 *	90
100	54.1	134.4	11,600	56.0	133.6	11,800	57.8	132.0	12,000				100
110	49.5	126.3	10,000	51.4	125.5	10,200	53.1	123.7	10,400				110
120	44.6	116.7	8,800	46.4	115.8	8,900							120
130	39.2	105.2	7,700 *	40.9	104.3	7,800							130
140	33.0	91.1	6,400 *										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	20,000 *	73.4	166.1	20,000 *	75.3	164.7	18,300 *	77.1	162.4	13,400 *	60
65	69.8	164.9	20,000 *	71.6	164.3	20,000 *	73.5	162.9	17,300 *	75.3	160.5	12,900 *	65
70	68.0	162.9	19,000	69.8	162.3	19,300 *	71.6	160.8	16,500 *	73.4	158.5	12,400 *	70
75	66.2	160.7	17,200	68.0	160.1	17,600	69.8	158.6	15,800 *	71.5	156.2	12,000 *	75
80	64.3	158.3	15,700	66.1	157.7	16,000	67.9	156.2	15,100 *	69.6	153.8	11,600 *	80
90	60.5	153.0	13,300	62.3	152.2	13,500	64.0	150.7	13,800	65.7	148.2	10,900 *	90
100	56.5	146.6	11,300	58.3	145.9	11,600	60.0	144.3	11,800	61.6	141.7	10,300 *	100
110	52.4	139.3	9,800	54.1	138.5	10,000	55.8	136.8	10,200				110
120	47.9	130.7	8,500	49.7	129.9	8,700	51.3	128.1	8,800 *				120
130	43.2	120.6	7,400 *	44.9	119.7	7,600							130
140	37.9	108.6	6,300 *										140
150	32.0	93.9	5,200 *										150



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	20,000 *	74.4	176.7	20,000 *	76.1	175.3	18,800 *	77.9	172.9	13,600 *	60
65	71.0	175.6	20,000 *	72.7	174.9	20,000 *	74.4	173.5	17,800 *	76.2	171.2	13,100 *	65
70	69.3	173.7	18,400 *	71.0	173.1	18,700 *	72.7	171.6	17,000 *	74.4	169.2	12,700 *	70
75	67.6	171.7	16,800 *	69.3	171.0	17,100 *	71.0	169.5	16,200 *	72.7	167.1	12,200 *	75
80	65.8	169.4	15,400 *	67.6	168.8	15,700 *	69.2	167.3	15,500 *	70.9	164.8	11,800 *	80
90	62.3	164.4	13,000	64.0	163.7	13,300	65.6	162.2	13,600	67.2	159.7	11,100 *	90
100	58.6	158.6	11,100	60.3	157.9	11,400	61.9	156.3	11,600	63.4	153.7	10,500 *	100
110	54.8	151.8	9,600	56.5	151.1	9,800	58.0	149.4	10,000				110
120	50.8	144.0	8,300	52.4	143.2	8,500	53.9	141.5	8,600				120
130	46.5	135.0	7,100 *	48.1	134.1	7,400 *							130
140	41.9	124.5	6,100 *	43.5	123.5	6,300 *							140
150	36.8	111.9	5,100 *										150
160	31.0	96.7	4,100 *										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	20,000 *	75.2	187.1	20,000 *	76.9	185.7	19,200 *	78.6	183.4	13,800 *	60
65	72.0	186.2	19,500 *	73.7	185.5	19,800 *	75.3	184.1	18,300 *	76.9	181.7	13,300 *	65
70	70.4	184.4	17,700 *	72.1	183.8	18,000 *	73.7	182.3	17,400 *	75.3	179.9	12,900 *	70
75	68.8	182.5	16,200 *	70.4	181.8	16,500 *	72.1	180.4	16,700 *	73.6	177.9	12,400 *	75
80	67.2	180.4	14,800 *	68.8	179.7	15,100 *	70.4	178.2	15,400 *	72.0	175.8	12,100 *	80
90	63.9	175.7	12,500 *	65.5	175.0	12,800 *	67.1	173.5	13,100 *	68.6	171.0	11,400 *	90
100	60.4	170.3	10,700 *	62.0	169.5	11,000 *	63.6	168.0	11,300 *	65.0	165.4	10,800 *	100
110	56.9	164.0	9,200 *	58.5	163.3	9,500 *	60.0	161.6	9,700 *	61.4	158.9	9,900	110
120	53.2	156.9	7,900 *	54.8	156.1	8,100 *	56.2	154.3	8,400 *				120
130	49.3	148.6	6,800 *	50.9	147.8	7,000 *	52.3	146.0	7,200 *				130
140	45.2	139.2	5,700 *	46.7	138.3	6,000 *							140
150	40.7	128.2	4,800 *	42.2	127.2	5,000 *							150
160	35.8	115.2	3,900 *										160



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	20,000 *	76.0	197.6	20,000 *	77.6	196.1	19,600 *	79.2	193.8	14,000 *	60
65	72.9	196.7	18,700 *	74.5	196.1	19,000 *	76.1	194.6	18,700 *	77.6	192.2	13,500 *	65
70	71.4	195.0	16,900 *	73.0	194.4	17,300 *	74.6	192.9	17,700 *	76.1	190.5	13,100 *	70
75	69.9	193.2	15,400 *	71.5	192.6	15,700 *	73.0	191.1	16,100 *	74.5	188.7	12,600 *	75
80	68.4	191.3	14,100 *	69.9	190.6	14,400 *	71.5	189.1	14,800 *	73.0	186.6	12,300 *	80
90	65.3	186.8	11,900 *	66.8	186.1	12,200 *	68.3	184.6	12,500 *	69.8	182.1	11,600 *	90
100	62.1	181.7	10,100 *	63.6	181.0	10,400 *	65.1	179.5	10,700 *	66.5	176.9	11,000 *	100
110	58.8	175.9	8,600 *	60.3	175.2	8,900 *	61.7	173.5	9,100 *	63.1	170.9	9,500 *	110
120	55.3	169.3	7,300 *	56.8	168.5	7,600 *	58.2	166.8	7,900 *				120
130	51.8	161.7	6,200 *	53.2	160.9	6,500 *	54.6	159.1	6,700 *				130
140	48.0	153.1	5,300 *	49.4	152.2	5,500 *	50.8	150.3	5,700 *				140
150	44.0	143.2	4,400 *	45.4	142.3	4,600 *							150
160	39.6	131.7	3,600 *	41.0	130.7	3,800 *							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	20,000 *	76.7	208.0	20,000 *	78.2	206.5	20,000 *	79.7	204.2	14,200 *	60
65	73.8	207.2	18,000 *	75.3	206.5	18,400 *	76.8	205.1	18,900 *	78.3	202.7	13,700 *	65
70	72.4	205.6	16,300 *	73.8	204.9	16,600 *	75.3	203.5	17,100 *	76.8	201.1	13,200 *	70
75	70.9	203.9	14,800 *	72.4	203.2	15,100 *	73.9	201.7	15,600 *	75.3	199.3	12,800 *	75
80	69.5	202.0	13,500 *	70.9	201.3	13,800 *	72.4	199.8	14,200 *	73.8	197.4	12,400 *	80
90	66.5	197.8	11,300 *	68.0	197.2	11,600 *	69.4	195.6	12,000 *	70.8	193.1	11,800 *	90
100	63.5	193.1	9,500 *	65.0	192.3	9,800 *	66.4	190.8	10,200 *	67.7	188.2	10,500 *	100
110	60.4	187.6	8,100 *	61.9	186.8	8,400 *	63.2	185.2	8,700 *	64.5	182.6	9,000 *	110
120	57.2	181.4	6,900 *	58.6	180.6	7,100 *	60.0	178.9	7,400 *	61.2	176.2	7,700 *	120
130	53.9	174.4	5,800 *	55.3	173.6	6,000 *	56.6	171.8	6,300 *				130
140	50.4	166.4	4,900 *	51.8	165.6	5,100 *	53.1	163.7	5,300 *				140
150	46.7	157.4	4,000 *	48.1	156.5	4,300 *							150
160	42.8	147.1	3,300 *	44.2	146.2	3,500 *							160



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	19,400 *	77.3	218.3	19,800 *	78.8	216.9	20,000 *	80.2	214.5	14,300 *	60
65	74.5	217.6	17,300 *	76.0	216.9	17,800 *	77.4	215.5	18,300 *	78.8	213.1	13,900 *	65
70	73.2	216.1	15,600 *	74.6	215.4	16,000 *	76.0	214.0	16,500 *	77.4	211.5	13,400 *	70
75	71.8	214.5	14,100 *	73.2	213.8	14,500 *	74.6	212.3	15,000 *	76.0	209.9	13,000 *	75
80	70.4	212.7	12,900 *	71.9	212.0	13,200 *	73.3	210.5	13,700 *	74.6	208.1	12,600 *	80
90	67.6	208.8	10,700 *	69.1	208.1	11,100 *	70.4	206.5	11,400 *	71.8	204.0	11,900 *	90
100	64.8	204.2	9,000 *	66.2	203.5	9,300 *	67.6	201.9	9,600 *	68.9	199.4	10,000 *	100
110	61.9	199.1	7,600 *	63.3	198.3	7,900 *	64.6	196.7	8,200 *	65.9	194.1	8,500 *	110
120	58.9	193.2	6,400 *	60.2	192.5	6,600 *	61.6	190.8	6,900 *	62.8	188.1	7,200 *	120
130	55.8	186.7	5,300 *	57.1	185.9	5,600 *	58.4	184.2	5,900 *				130
140	52.5	179.3	4,400 *	53.9	178.5	4,700 *	55.1	176.7	4,900 *				140
150	49.2	171.0	3,600 *	50.5	170.1	3,900 *	51.7	168.2	4,100 *				150
160				46.9	160.7	3,100 *							160
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	19,200 *	79.3	227.2	19,900 *	80.6	224.8	14,500 *	60
65	75.2	228.0	16,700 *	76.6	227.3	17,200 *	78.0	225.9	17,800 *	79.3	223.4	14,000 *	65
70	73.9	226.6	15,000 *	75.3	225.9	15,500 *	76.7	224.4	16,000 *	78.0	222.0	13,600 *	70
75	72.6	225.0	13,500 *	74.0	224.3	14,000 *	75.3	222.8	14,500 *	76.7	220.4	13,200 *	75
80	71.3	223.3	12,300 *	72.7	222.6	12,700 *	74.0	221.1	13,100 *	75.3	218.7	12,800 *	80
90	68.7	219.6	10,100 *	70.0	218.9	10,500 *	71.3	217.3	10,900 *	72.6	214.8	11,400 *	90
100	66.0	215.3	8,500 *	67.3	214.6	8,800 *	68.6	213.0	9,100 *	69.9	210.4	9,500 *	100
110	63.2	210.4	7,100 *	64.5	209.7	7,400 *	65.8	208.1	7,700 *	67.0	205.4	8,000 *	110
120	60.4	204.9	5,900 *	61.7	204.2	6,200 *	63.0	202.5	6,500 *	64.1	199.8	6,800 *	120
130	57.5	198.7	4,900 *	58.8	198.0	5,100 *	60.0	196.3	5,400 *	61.1	193.5	5,700 *	130
140	54.4	191.8	4,000 *	55.7	191.0	4,300 *	56.9	189.3	4,500 *				140
150	51.3	184.1	3,200 *	52.6	183.3	3,500 *	53.8	181.4	3,700 *				150
160							50.4	172.6	3,000 *				160



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	12,000 *	53.2	103.0	10,500 *	56.0	101.1	9,400 *				90
100	44.2	94.1	10,600 *	47.0	93.2	9,500 *							100
110	37.3	81.9	9,500 *										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	19,200 *	68.5	131.5	15,300 *	71.2	129.9	12,600 *	73.9	127.3	9,800 *	65
70	63.4	129.7	17,900 *	66.2	128.9	14,300 *	68.9	127.3	11,900 *	71.6	124.6	9,400 *	70
75	61.0	126.9	16,400 *	63.8	126.1	13,400 *	66.5	124.4	11,300 *	69.1	121.7	9,000 *	75
80	58.7	123.9	15,100 *	61.4	123.0	12,500 *	64.1	121.3	10,800 *	66.6	118.5	8,700 *	80
90	53.7	116.8	13,100 *	56.4	115.9	11,200 *	59.0	114.1	9,800 *	61.4	111.1	8,100 *	90
100	48.3	108.3	11,500 *	51.0	107.4	10,100 *	53.5	105.4	9,100 *				100
110	42.5	98.0	10,300 *	45.1	96.9	9,200 *							110
120	35.8	85.1	9,300 *										120

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	19,400 *	70.0	142.5	16,200 *	72.6	140.8	13,000 *	75.1	138.2	10,000 *	65
70	65.3	140.9	18,800 *	67.9	140.1	15,100 *	70.5	138.5	12,400 *	73.0	135.8	9,600 *	70
75	63.1	138.4	17,800 *	65.7	137.6	14,100 *	68.3	135.9	11,700 *	70.7	133.1	9,200 *	75
80	61.0	135.6	16,400 *	63.6	134.8	13,300 *	66.1	133.0	11,200 *	68.5	130.2	8,900 *	80
90	56.5	129.2	14,100	59.0	128.3	11,800 *	61.5	126.5	10,200 *	63.8	123.5	8,300 *	90
100	51.7	121.6	12,100	54.2	120.7	10,700 *	56.6	118.7	9,500 *				100
110	46.6	112.6	10,600	49.0	111.5	9,800 *	51.3	109.4	8,800 *				110
120	40.9	101.6	9,300	43.3	100.5	9,000 *							120
130	34.5	88.1	8,100 *										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	19,800 *	73.3	155.3	18,300 *	75.7	153.7	14,200 *	78.2	151.0	10,700 *	60
65	68.9	154.1	19,400 *	71.3	153.3	17,000 *	73.8	151.7	13,500 *	76.2	149.0	10,200 *	65
70	66.9	152.0	18,900 *	69.4	151.2	15,800 *	71.8	149.5	12,800 *	74.2	146.8	9,800 *	70
75	65.0	149.6	17,800	67.4	148.8	14,800 *	69.8	147.1	12,100 *	72.1	144.3	9,400 *	75
80	63.0	147.1	16,300	65.4	146.2	14,000 *	67.8	144.5	11,600 *	70.0	141.6	9,100 *	80
90	58.8	141.2	13,800	61.2	140.3	12,500 *	63.5	138.5	10,600 *	65.7	135.5	8,500 *	90
100	54.5	134.3	11,900	56.9	133.4	11,300 *	59.1	131.5	9,800 *	61.2	128.3	8,000 *	100
110	49.9	126.2	10,400	52.2	125.2	10,300 *	54.4	123.2	9,200 *				110
120	45.0	116.7	9,100	47.3	115.6	9,200							120
130	39.5	105.2	8,000	41.8	104.0	8,200							130
140	33.4	91.0	6,800 *										140



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	19,700 *	74.3	165.9	19,000 *	76.6	164.2	14,600 *	78.9	161.6	10,900 *	60
65	70.2	164.9	19,300 *	72.5	164.1	17,800 *	74.8	162.4	13,800 *	77.1	159.7	10,400 *	65
70	68.4	162.9	18,900 *	70.7	162.1	16,600 *	73.0	160.4	13,100 *	75.2	157.6	10,000 *	70
75	66.5	160.7	17,500	68.8	159.9	15,600 *	71.1	158.1	12,500 *	73.3	155.3	9,600 *	75
80	64.7	158.3	16,000	67.0	157.5	14,600 *	69.2	155.7	12,000 *	71.4	152.8	9,300 *	80
90	60.9	152.9	13,500	63.1	152.0	13,100 *	65.3	150.2	11,000 *	67.4	147.2	8,700 *	90
100	56.9	146.6	11,600	59.1	145.7	11,900 *	61.3	143.8	10,200 *	63.3	140.7	8,200 *	100
110	52.7	139.2	10,100	54.9	138.3	10,300	57.0	136.2	9,500 *				110
120	48.3	130.7	8,800	50.5	129.6	9,000	52.5	127.5	8,900 *				120
130	43.5	120.6	7,800	45.7	119.5	7,900							130
140	38.3	108.6	6,700 *										140
150	32.3	93.9	5,500 *										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	19,500 *	75.2	176.5	18,900 *	77.4	174.8	15,000 *	79.6	172.0	11,000 *	60
65	71.3	175.6	19,200 *	73.5	174.7	18,500 *	75.7	173.0	14,200 *	77.8	170.3	10,600 *	65
70	69.6	173.7	18,800 *	71.8	172.9	17,300 *	74.0	171.1	13,500 *	76.1	168.3	10,200 *	70
75	67.9	171.6	17,300	70.1	170.8	16,200 *	72.2	169.0	12,900 *	74.3	166.2	9,800 *	75
80	66.2	169.4	15,800	68.3	168.6	15,300 *	70.5	166.8	12,300 *	72.5	163.9	9,500 *	80
90	62.6	164.4	13,300	64.8	163.5	13,600	66.9	161.7	11,300 *	68.9	158.7	8,900 *	90
100	59.0	158.5	11,400	61.1	157.6	11,700	63.1	155.7	10,500 *	65.0	152.6	8,400 *	100
110	55.1	151.8	9,800	57.2	150.8	10,100	59.2	148.8	9,800 *	61.1	145.6	7,900 *	110
120	51.1	144.0	8,600	53.2	143.0	8,800	55.1	140.9	9,000				120
130	46.8	135.0	7,500	48.9	133.9	7,700	50.7	131.6	7,800				130
140	42.2	124.4	6,400 *	44.2	123.2	6,700 *							140
150	37.1	111.9	5,400 *										150
160	31.3	96.6	4,500 *										160

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	19,300 *	76.0	186.9	18,800 *	78.1	185.2	15,300 *	80.2	182.4	11,200 *	60
65	72.3	186.2	18,900 *	74.4	185.3	18,500 *	76.5	183.6	14,500 *	78.5	180.8	10,700 *	65
70	70.7	184.4	18,200 *	72.8	183.5	18,000 *	74.9	181.8	13,800 *	76.9	179.0	10,300 *	70
75	69.1	182.5	16,700 *	71.2	181.6	16,900 *	73.2	179.8	13,200 *	75.2	177.0	10,000 *	75
80	67.5	180.4	15,300 *	69.6	179.5	15,600 *	71.6	177.7	12,600 *	73.6	174.8	9,600 *	80
90	64.2	175.7	13,000 *	66.2	174.8	13,300 *	68.2	172.9	11,600 *	70.1	170.0	9,000 *	90
100	60.8	170.2	11,100	62.8	169.3	11,400	64.7	167.4	10,800 *	66.6	164.3	8,500 *	100
110	57.2	164.0	9,600	59.2	163.0	9,900	61.1	161.0	10,100	62.9	157.8	8,100 *	110
120	53.5	156.8	8,300	55.5	155.8	8,500	57.4	153.7	8,800				120
130	49.6	148.6	7,200 *	51.6	147.5	7,500	53.4	145.3	7,600				130
140	45.5	139.1	6,100 *	47.4	138.0	6,400 *							140
150	41.0	128.1	5,200 *	42.9	126.9	5,500 *							150
160	36.1	115.1	4,300 *										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	19,000 *	76.7	197.4	18,500 *	78.7	195.6	15,600 *	80.7	192.8	11,300 *	60
65	73.2	196.7	18,600 *	75.2	195.8	18,300 *	77.2	194.1	14,900 *	79.1	191.2	10,900 *	65
70	71.7	195.0	17,600 *	73.7	194.2	17,900 *	75.7	192.4	14,200 *	77.6	189.5	10,500 *	70
75	70.2	193.2	16,000 *	72.2	192.3	16,400 *	74.1	190.5	13,500 *	76.0	187.7	10,100 *	75
80	68.7	191.2	14,700 *	70.7	190.4	15,000 *	72.6	188.5	13,000 *	74.5	185.6	9,800 *	80
90	65.6	186.8	12,500 *	67.5	185.9	12,800 *	69.4	184.1	12,000 *	71.2	181.1	9,200 *	90
100	62.4	181.7	10,600 *	64.3	180.8	11,000 *	66.2	178.9	11,100 *	67.9	175.8	8,700 *	100
110	59.1	175.9	9,100 *	61.0	174.9	9,500 *	62.8	172.9	9,800 *	64.5	169.8	8,300 *	110
120	55.6	169.2	7,900 *	57.5	168.2	8,200 *	59.3	166.2	8,500 *	60.9	162.9	7,900 *	120
130	52.1	161.7	6,800 *	53.9	160.6	7,100 *	55.7	158.5	7,300 *				130
140	48.3	153.0	5,800 *	50.1	151.9	6,100 *	51.8	149.6	6,300 *				140
150	44.3	143.1	4,900 *	46.1	142.0	5,200 *							150
160	39.9	131.7	4,100 *	41.7	130.4	4,300 *							160
170	35.1	118.2	3,300 *										170



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	18,300 *	76.0	206.3	18,000 *	77.8	204.5	15,200 *	79.7	201.7	11,000 *	65
70	72.6	205.6	16,800 *	74.5	204.7	17,200 *	76.4	202.9	14,500 *	78.2	200.0	10,600 *	70
75	71.2	203.8	15,300 *	73.1	203.0	15,700 *	74.9	201.2	13,800 *	76.8	198.3	10,300 *	75
80	69.8	202.0	14,000 *	71.6	201.1	14,300 *	73.5	199.3	13,300 *	75.3	196.4	9,900 *	80
90	66.8	197.8	11,800 *	68.7	196.9	12,100 *	70.5	195.1	12,300 *	72.2	192.1	9,300 *	90
100	63.8	193.0	10,000 *	65.6	192.1	10,300 *	67.4	190.2	10,700 *	69.1	187.1	8,800 *	100
110	60.7	187.5	8,500 *	62.5	186.6	8,900 *	64.3	184.6	9,200 *	65.9	181.5	8,400 *	110
120	57.5	181.3	7,300 *	59.3	180.4	7,600 *	61.0	178.3	7,900 *	62.6	175.0	8,000 *	120
130	54.2	174.3	6,200 *	56.0	173.3	6,500 *	57.6	171.2	6,800 *				130
140	50.7	166.4	5,300 *	52.5	165.3	5,600 *	54.1	163.1	5,900 *				140
150	47.0	157.3	4,500 *	48.8	156.2	4,700 *	50.3	153.8	5,000 *				150
160	43.1	147.1	3,700 *	44.8	145.8	3,900 *							160
170	38.9	135.2	3,000 *	40.6	133.9	3,200 *							170
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	17,800 *	76.6	216.7	17,600 *	78.4	214.9	15,400 *	80.2	212.0	11,100 *	65
70	73.5	216.1	16,200 *	75.3	215.2	16,600 *	77.0	213.4	14,800 *	78.8	210.5	10,700 *	70
75	72.1	214.4	14,700 *	73.9	213.6	15,100 *	75.7	211.7	14,100 *	77.4	208.8	10,400 *	75
80	70.7	212.7	13,400 *	72.5	211.8	13,800 *	74.3	209.9	13,600 *	76.0	207.0	10,100 *	80
90	67.9	208.7	11,200 *	69.7	207.8	11,600 *	71.4	205.9	12,000 *	73.1	202.9	9,500 *	90
100	65.1	204.2	9,500 *	66.8	203.3	9,800 *	68.6	201.3	10,200 *	70.2	198.3	9,000 *	100
110	62.2	199.0	8,000 *	63.9	198.1	8,400 *	65.6	196.1	8,700 *	67.2	193.0	8,500 *	110
120	59.1	193.2	6,800 *	60.9	192.2	7,100 *	62.5	190.2	7,500 *	64.1	186.9	7,800 *	120
130	56.0	186.6	5,800 *	57.8	185.6	6,100 *	59.4	183.5	6,400 *	60.8	180.1	6,700 *	130
140	52.8	179.3	4,900 *	54.5	178.2	5,200 *	56.1	176.0	5,400 *				140
150	49.4	170.9	4,100 *	51.1	169.8	4,300 *	52.6	167.5	4,600 *				150
160	45.9	161.5	3,300 *	47.5	160.4	3,600 *							160



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	17,200 *	77.2	227.1	17,200 *	78.9	225.3	15,700 *	80.6	222.4	11,200 *	65
70	74.2	226.5	15,500 *	75.9	225.7	16,000 *	77.6	223.8	15,000 *	79.3	220.9	10,800 *	70
75	72.9	225.0	14,100 *	74.6	224.1	14,500 *	76.3	222.3	14,400 *	78.0	219.3	10,500 *	75
80	71.6	223.3	12,800 *	73.3	222.4	13,200 *	75.0	220.6	13,700 *	76.6	217.6	10,200 *	80
90	68.9	219.5	10,600 *	70.6	218.6	11,000 *	72.3	216.7	11,500 *	73.9	213.7	9,600 *	90
100	66.2	215.2	8,900 *	67.9	214.3	9,300 *	69.6	212.4	9,700 *	71.1	209.3	9,100 *	100
110	63.5	210.4	7,500 *	65.1	209.4	7,900 *	66.8	207.4	8,200 *	68.3	204.3	8,600 *	110
120	60.6	204.9	6,300 *	62.3	203.9	6,700 *	63.9	201.9	7,000 *	65.4	198.6	7,400 *	120
130	57.7	198.7	5,300 *	59.4	197.7	5,600 *	60.9	195.6	5,900 *	62.4	192.2	6,300 *	130
140	54.7	191.8	4,400 *	56.3	190.8	4,700 *	57.9	188.6	5,000 *				140
150	51.6	184.1	3,700 *	53.2	183.0	3,900 *	54.7	180.7	4,200 *				150
160	48.3	175.4	3,000 *	49.9	174.3	3,200 *	51.3	171.9	3,500 *				160
190 Ft. BOOM													
45	81.0	242.7	16,900 *										45
50	79.8	241.7	16,900 *										50
55	78.6	240.7	16,700 *	80.2	239.8	17,000 *							55
60	77.3	239.6	16,700 *	79.0	238.7	16,900 *	80.7	236.9	16,600 *				60
65	76.1	238.3	16,500 *	77.8	237.4	16,700 *	79.4	235.6	16,000 *				65
70	74.9	236.9	14,900 *	76.5	236.1	15,500 *	78.2	234.2	15,300 *	79.8	231.3	10,900 *	70
75	73.6	235.5	13,500 *	75.3	234.6	14,000 *	76.9	232.7	14,600 *	78.5	229.8	10,600 *	75
80	72.4	233.9	12,200 *	74.0	233.0	12,700 *	75.7	231.1	13,200 *	77.2	228.1	10,300 *	80
90	69.9	230.3	10,100 *	71.5	229.4	10,500 *	73.1	227.5	11,000 *	74.6	224.4	9,700 *	90
100	67.3	226.2	8,400 *	68.9	225.3	8,800 *	70.5	223.3	9,200 *	72.0	220.2	9,200 *	100
110	64.7	221.6	7,000 *	66.3	220.6	7,400 *	67.8	218.6	7,800 *	69.3	215.5	8,200 *	110
120	62.0	216.4	5,800 *	63.6	215.4	6,200 *	65.1	213.4	6,500 *	66.5	210.1	6,900 *	120
130	59.2	210.5	4,900 *	60.8	209.5	5,200 *	62.3	207.5	5,500 *	63.7	204.1	5,800 *	130
140	56.4	204.0	4,000 *	58.0	203.0	4,300 *	59.4	200.9	4,600 *	60.8	197.4	4,900 *	140
150	53.4	196.8	3,200 *	55.0	195.7	3,500 *	56.4	193.5	3,800 *				150
160							53.3	185.3	3,100 *				160



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	8,900 *	49.8	111.5	7,900 *	52.6	109.1	7,200 *				110
120	41.2	101.6	8,000 *	44.1	100.4	7,300 *							120
130	34.8	88.1	7,300 *										130

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	14,100 *	66.1	146.1	11,400 *	69.0	144.2	9,600 *	71.9	141.1	7,500 *	80
90	59.1	141.2	12,300 *	62.0	140.2	10,200 *	64.8	138.2	8,700 *	67.5	135.0	7,000 *	90
100	54.8	134.3	10,800 *	57.6	133.3	9,200 *	60.4	131.2	8,000 *	63.0	127.8	6,500 *	100
110	50.2	126.2	9,600 *	53.0	125.1	8,400 *	55.7	122.9	7,400 *				110
120	45.2	116.6	8,600 *	48.0	115.5	7,700 *	50.6	113.0	7,000 *				120
130	39.8	105.2	7,900 *	42.5	103.8	7,100 *							130
140	33.6	91.0	7,100 *										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	14,600 *	69.6	159.8	12,800 *	72.3	157.8	10,400 *	75.0	154.8	8,000 *	75
80	64.9	158.3	14,200 *	67.7	157.4	12,000 *	70.4	155.4	9,900 *	73.1	152.3	7,700 *	80
90	61.1	152.9	13,200 *	63.8	151.9	10,700 *	66.5	149.9	9,000 *	69.1	146.6	7,100 *	90
100	57.1	146.6	11,600 *	59.8	145.6	9,700 *	62.5	143.5	8,300 *	65.0	140.0	6,700 *	100
110	53.0	139.2	10,300 *	55.6	138.2	8,800 *	58.2	135.9	7,700 *	60.6	132.3	6,300 *	110
120	48.5	130.7	9,100 *	51.2	129.5	8,100 *	53.7	127.1	7,200 *				120
130	43.8	120.6	8,000 *	46.4	119.3	7,500 *							130
140	38.5	108.6	7,100 *	41.1	107.2	7,000 *							140
150	32.5	93.8	5,900 *										150



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
 Boom No. 222 With Open Throat Top
 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

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	15,300 *	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	14,700 *	70.8	170.7	13,300 *	73.4	168.7	10,700 *	75.9	165.6	8,100 *	75
80	66.4	169.4	14,300 *	69.0	168.4	12,500 *	71.6	166.5	10,200 *	74.1	163.3	7,800 *	80
90	62.9	164.4	13,600 *	65.5	163.4	11,200 *	68.0	161.3	9,300 *	70.5	158.0	7,300 *	90
100	59.2	158.5	11,600 *	61.8	157.5	10,100 *	64.3	155.4	8,600 *	66.6	152.0	6,800 *	100
110	55.4	151.8	10,100 *	57.9	150.7	9,200 *	60.3	148.5	8,000 *	62.6	144.9	6,400 *	110
120	51.3	144.0	8,800 *	53.9	142.9	8,500 *	56.2	140.5	7,500 *				120
130	47.1	134.9	7,800 *	49.5	133.7	7,900 *	51.8	131.2	7,000 *				130
140	42.5	124.4	6,800 *	44.9	123.1	7,000 *							140
150	37.4	111.9	5,800 *										150
160	31.6	96.6	4,800 *										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	14,800 *	73.5	183.4	14,500 *	76.0	181.5	11,500 *	78.4	178.3	8,600 *	70
75	69.4	182.4	14,700 *	71.8	181.5	13,900 *	74.3	179.5	10,900 *	76.8	176.3	8,200 *	75
80	67.7	180.4	14,300 *	70.2	179.4	13,100 *	72.7	177.4	10,400 *	75.1	174.1	7,900 *	80
90	64.4	175.7	13,300 *	66.9	174.7	11,700 *	69.3	172.6	9,600 *	71.6	169.3	7,400 *	90
100	61.0	170.2	11,400 *	63.4	169.2	10,600 *	65.8	167.1	8,800 *	68.1	163.6	7,000 *	100
110	57.4	164.0	9,800 *	59.9	162.9	9,600 *	62.2	160.7	8,200 *	64.4	157.1	6,600 *	110
120	53.7	156.8	8,600 *	56.1	155.7	8,800 *	58.4	153.3	7,700 *	60.5	149.6	6,200 *	120
130	49.9	148.6	7,500 *	52.2	147.4	7,700 *	54.4	144.9	7,300 *				130
140	45.7	139.1	6,500 *	48.0	137.8	6,800 *	50.2	135.2	6,900 *				140
150	41.2	128.1	5,600 *	43.5	126.7	5,900 *							150
160	36.3	115.1	4,700 *										160

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	14,500 *	72.8	192.2	14,100 *	75.2	190.2	11,200 *	77.5	187.0	8,400 *	75
80	68.9	191.2	14,300 *	71.3	190.2	13,600 *	73.6	188.2	10,700 *	75.9	184.9	8,100 *	80
90	65.8	186.8	12,900 *	68.1	185.8	12,200 *	70.4	183.7	9,800 *	72.7	180.3	7,500 *	90
100	62.6	181.7	11,100 *	64.9	180.7	11,000 *	67.2	178.5	9,100 *	69.3	175.1	7,100 *	100
110	59.3	175.9	9,600 *	61.6	174.8	9,900 *	63.8	172.6	8,500 *	65.9	169.0	6,700 *	110
120	55.8	169.2	8,300 *	58.1	168.1	8,600 *	60.3	165.8	7,900 *	62.3	162.1	6,400 *	120
130	52.3	161.6	7,200 *	54.5	160.5	7,500 *	56.6	158.1	7,500 *				130
140	48.5	153.0	6,200 *	50.7	151.8	6,500 *	52.8	149.2	6,800 *				140
150	44.5	143.1	5,300 *	46.7	141.8	5,600 *							150
160	40.1	131.7	4,500 *	42.3	130.2	4,800 *							160
170	35.3	118.2	3,700 *										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	14,100 *	73.7	202.9	14,100 *	75.9	200.8	11,400 *	78.1	197.5	8,500 *	75
80	70.0	202.0	14,000 *	72.2	201.0	13,800 *	74.4	198.9	10,900 *	76.6	195.6	8,200 *	80
90	67.0	197.8	12,300 *	69.2	196.8	12,600 *	71.4	194.7	10,100 *	73.6	191.3	7,600 *	90
100	64.0	193.0	10,600 *	66.2	192.0	10,900 *	68.4	189.8	9,300 *	70.5	186.3	7,200 *	100
110	60.9	187.5	9,100 *	63.1	186.5	9,400 *	65.2	184.2	8,700 *	67.2	180.7	6,800 *	110
120	57.7	181.3	7,800 *	59.9	180.2	8,200 *	62.0	177.9	8,200 *	63.9	174.2	6,500 *	120
130	54.4	174.3	6,700 *	56.5	173.2	7,100 *	58.6	170.7	7,400 *	60.4	166.9	6,200 *	130
140	50.9	166.3	5,800 *	53.0	165.1	6,100 *	55.0	162.6	6,400 *				140
150	47.2	157.3	4,900 *	49.3	156.1	5,200 *	51.3	153.4	5,500 *				150
160	43.3	147.0	4,200 *	45.4	145.7	4,500 *							160
170	39.1	135.2	3,400 *	41.1	133.7	3,700 *							170



Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	13,800 *	74.4	213.4	13,900 *	76.6	211.4	11,700 *	78.7	208.1	8,600 *	75
80	70.9	212.7	13,700 *	73.1	211.7	13,700 *	75.2	209.6	11,200 *	77.3	206.2	8,300 *	80
90	68.1	208.7	11,700 *	70.3	207.7	12,100 *	72.4	205.6	10,300 *	74.4	202.2	7,800 *	90
100	65.3	204.2	9,900 *	67.4	203.1	10,300 *	69.5	201.0	9,500 *	71.5	197.5	7,300 *	100
110	62.3	199.0	8,500 *	64.5	198.0	8,800 *	66.5	195.7	8,900 *	68.4	192.1	6,900 *	110
120	59.3	193.2	7,200 *	61.4	192.1	7,600 *	63.4	189.8	7,900 *	65.3	186.1	6,600 *	120
130	56.2	186.6	6,200 *	58.3	185.5	6,500 *	60.3	183.1	6,900 *	62.1	179.3	6,300 *	130
140	53.0	179.2	5,300 *	55.1	178.1	5,600 *	57.0	175.6	5,900 *				140
150	49.6	170.9	4,500 *	51.7	169.7	4,800 *	53.5	167.1	5,100 *				150
160	46.1	161.5	3,700 *	48.1	160.2	4,000 *							160
170	42.3	150.8	3,100 *	44.2	149.4	3,300 *							170
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	14,200 *							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	13,400 *	75.1	224.0	13,800 *	77.2	221.9	11,900 *	79.2	218.5	8,600 *	75
80	71.8	223.3	13,200 *	73.8	222.3	13,500 *	75.9	220.2	11,400 *	77.9	216.8	8,400 *	80
90	69.1	219.5	11,100 *	71.2	218.5	11,500 *	73.2	216.4	10,500 *	75.2	212.9	7,900 *	90
100	66.4	215.2	9,400 *	68.4	214.2	9,800 *	70.4	212.0	9,800 *	72.4	208.5	7,400 *	100
110	63.6	210.3	8,000 *	65.7	209.3	8,300 *	67.6	207.0	8,700 *	69.5	203.4	7,000 *	110
120	60.8	204.8	6,800 *	62.8	203.8	7,100 *	64.8	201.5	7,500 *	66.6	197.8	6,700 *	120
130	57.9	198.7	5,700 *	59.9	197.5	6,100 *	61.8	195.2	6,400 *	63.5	191.3	6,400 *	130
140	54.9	191.8	4,800 *	56.9	190.6	5,200 *	58.7	188.1	5,500 *	60.4	184.2	5,800 *	140
150	51.7	184.0	4,100 *	53.7	182.8	4,400 *	55.5	180.2	4,700 *				150
160	48.4	175.4	3,300 *	50.4	174.1	3,600 *	52.1	171.4	3,900 *				160
170				46.9	164.2	3,000 *							170

Liftcrane Jib Capacities

Jib No. 10 With 12 Ft. 6 in. Strut On
Boom No. 222 With Open Throat Top
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

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	13,100 *	75.8	234.4	13,500 *	77.8	232.3	12,100 *	79.7	229.0	8,700 *	75
80	72.6	233.8	12,700 *	74.5	232.8	13,200 *	76.5	230.7	11,600 *	78.4	227.3	8,400 *	80
90	70.0	230.3	10,500 *	72.0	229.2	11,000 *	73.9	227.1	10,700 *	75.8	223.6	7,900 *	90
100	67.5	226.2	8,800 *	69.4	225.1	9,300 *	71.3	222.9	9,700 *	73.2	219.4	7,500 *	100
110	64.8	221.5	7,400 *	66.8	220.5	7,800 *	68.7	218.2	8,300 *	70.5	214.6	7,100 *	110
120	62.1	216.3	6,300 *	64.1	215.2	6,700 *	65.9	212.9	7,000 *	67.7	209.2	6,800 *	120
130	59.4	210.5	5,300 *	61.3	209.4	5,600 *	63.1	207.0	6,000 *	64.8	203.2	6,400 *	130
140	56.6	204.0	4,400 *	58.5	202.9	4,700 *	60.3	200.4	5,100 *	61.9	196.5	5,400 *	140
150	53.6	196.8	3,600 *	55.5	195.6	4,000 *	57.3	193.0	4,300 *				150
160				52.4	187.5	3,300 *	54.1	184.8	3,500 *				160
190 Ft. BOOM													
50	80.3	251.9	13,100 *										50
55	79.2	250.9	13,000 *										55
60	78.0	249.8	12,900 *			13,400 *							60
65	76.8	248.6	12,800 *	79.9	248.8	13,300 *	80.7	245.5	13,000 *				65
70	75.7	247.3	12,700 *	78.8	247.6	13,300 *	79.5	244.2	12,800 *				70
75	74.5	245.9	12,600 *	77.6	246.3	13,300 *	78.3	242.7	12,300 *	80.2	239.3	8,800 *	75
80	73.3	244.4	12,100 *	76.4	244.9	13,200 *	77.1	241.2	11,800 *	78.9	237.8	8,500 *	80
90	70.9	240.9	10,000 *	75.2	243.3	12,600 *	74.6	237.7	10,900 *	76.4	234.2	8,000 *	90
100	68.4	237.0	8,300 *	72.8	239.9	10,500 *	72.1	233.8	9,300 *	73.9	230.2	7,600 *	100
110	65.9	232.6	6,900 *	70.3	236.0	8,800 *	69.6	229.3	7,800 *	71.3	225.7	7,200 *	110
120	63.4	227.7	5,800 *	67.8	231.6	7,400 *	67.0	224.3	6,600 *	68.7	220.6	6,900 *	120
130	60.7	222.2	4,800 *	65.2	226.6	6,200 *	64.4	218.7	5,600 *	66.0	214.9	5,900 *	130
140	58.1	216.0	3,900 *	62.6	221.0	5,200 *	61.6	212.4	4,600 *	63.2	208.5	5,000 *	140
150	55.3	209.2	3,200 *	59.9	214.9	4,300 *	58.8	205.5	3,900 *	60.4	201.5	4,200 *	150
160				57.1	208.0	3,500 *	55.9	197.8	3,100 *				160