

Liftcrane Jib Capacities

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

Meets
ANSI B30.5
Requirements

222HD

LIFTING CAPACITIES: Chart supplements boom capacity chart **No. 9056-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. 911764**, jib assembly **No. 911092** and Wire Rope Specification chart **No. 9063-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-B**.

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. and 2nd crane counterweight = 24,800 Lbs.

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

Maximum Boom and Jib Lengths Lifted Unassisted			
Over End of Blocked Crawlers		Over Side of Extended Crawlers	
Boom Length	Jib No. 10	Boom Length	Jib No. 10
150 Ft.	—	150 Ft.	—
140 Ft.	—	140 Ft.	—
130 Ft.	40 Ft.	130 Ft.	40 Ft.
120 Ft.	60 Ft.	120 Ft.	60 Ft.
Load block, hook and weight ball on ground at start.			

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30 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
70 Ft. BOOM													
25	78.6	105.2	20,000 *	81.0	104.9	20,000 *							25
30	75.7	104.0	20,000 *	78.1	103.7	20,000 *	80.5	102.8	20,000 *				30
35	72.8	102.6	20,000 *	75.1	102.2	20,000 *	77.5	101.3	20,000 *	79.9	99.9	19,000 *	35
40	69.8	100.8	20,000 *	72.1	100.5	20,000 *	74.5	99.6	20,000 *	76.8	98.1	18,000 *	40
45	66.8	98.8	20,000 *	69.1	98.4	20,000 *	71.4	97.5	20,000 *	73.7	96.0	16,800 *	45
50	63.7	96.4	20,000 *	66.0	96.0	20,000 *	68.3	95.1	20,000 *	70.5	93.5	15,800 *	50
55	60.5	93.7	20,000 *	62.8	93.3	20,000 *	65.0	92.3	19,200 *	67.2	90.7	15,000 *	55
60	57.2	90.6	18,800	59.4	90.2	19,100	61.7	89.2	18,000 *	63.8	87.5	14,200 *	60
65	53.7	87.1	16,700	56.0	86.7	17,000	58.2	85.6	16,900 *				65
70	50.1	83.1	15,000	52.4	82.7	15,300	54.5	81.6	15,500				70
75	46.3	78.5	13,500	48.5	78.1	13,800	50.6	76.9	14,000				75
80	42.3	73.3	12,300	44.5	72.8	12,500							80
90	32.9	60.1	10,200										90
80 Ft. BOOM													
25	79.6	115.4	20,000 *										25
30	77.0	114.3	20,000 *	79.2	114.0	20,000 *							30
35	74.4	113.0	20,000 *	76.5	112.6	20,000 *	78.7	111.8	20,000 *	80.8	110.3	19,500 *	35
40	71.7	111.4	20,000 *	73.8	111.1	20,000 *	76.0	110.2	20,000 *	78.1	108.6	18,500 *	40
45	69.0	109.6	20,000 *	71.1	109.2	20,000 *	73.2	108.3	20,000 *	75.3	106.8	17,300 *	45
50	66.2	107.5	20,000 *	68.3	107.1	20,000 *	70.4	106.2	20,000 *	72.4	104.6	16,300 *	50
55	63.3	105.1	20,000 *	65.4	104.7	20,000 *	67.5	103.7	20,000 *	69.5	102.1	15,500 *	55
60	60.4	102.3	18,300	62.5	101.9	18,700	64.6	101.0	19,000 *	66.5	99.3	14,800 *	60
65	57.4	99.3	16,200	59.5	98.9	16,600	61.5	97.8	16,900	63.4	96.1	14,100 *	65
70	54.3	95.8	14,500	56.4	95.4	14,800	58.3	94.3	15,100	60.2	92.5	13,600 *	70
75	51.1	91.9	13,000	53.1	91.5	13,300	55.0	90.4	13,600				75
80	47.7	87.6	11,800	49.7	87.1	12,000	51.6	85.9	12,200				80
90	40.2	77.0	9,700	42.2	76.5	9,900							90
100	31.4	62.9	8,100										100

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360 Degree Rating

Meets
ANSI B30.5
Requirements

222HD

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	
90 Ft. BOOM													
25	80.5	125.6	20,000 *										25
30	78.1	124.6	20,000 *	80.1	124.2	20,000 *							30
35	75.7	123.4	20,000 *	77.6	123.0	20,000 *	79.6	122.1	20,000 *				35
40	73.2	121.9	20,000 *	75.2	121.6	20,000 *	77.2	120.7	20,000 *	79.1	119.1	18,900 *	40
45	70.8	120.3	20,000 *	72.7	119.9	20,000 *	74.7	119.0	20,000 *	76.6	117.4	17,800 *	45
50	68.2	118.4	20,000 *	70.2	118.0	20,000 *	72.1	117.0	20,000 *	74.0	115.4	16,800 *	50
55	65.7	116.2	20,000 *	67.6	115.8	20,000 *	69.5	114.8	20,000 *	71.4	113.2	16,000 *	55
60	63.1	113.7	17,900	65.0	113.3	18,400	66.9	112.4	18,800	68.7	110.7	15,200 *	60
65	60.4	111.0	15,900	62.3	110.6	16,200	64.2	109.6	16,600	65.9	107.9	14,600 *	65
70	57.6	108.0	14,100	59.5	107.5	14,500	61.4	106.5	14,800	63.1	104.7	14,000 *	70
75	54.8	104.6	12,700	56.7	104.1	13,000	58.5	103.0	13,200	60.2	101.2	13,500	75
80	51.8	100.8	11,400	53.7	100.3	11,700	55.5	99.2	11,900				80
90	45.5	91.8	9,300	47.4	91.3	9,500							90
100	38.5	80.6	7,700										100
100 Ft. BOOM													
30	79.0	134.8	20,000 *	80.8	134.4	20,000 *							30
35	76.8	133.7	20,000 *	78.6	133.3	20,000 *	80.5	132.4	20,000 *				35
40	74.5	132.4	20,000 *	76.4	132.0	20,000 *	78.2	131.1	20,000 *	80.0	129.5	19,300 *	40
45	72.3	130.8	20,000 *	74.1	130.5	20,000 *	75.9	129.5	20,000 *	77.7	127.9	18,200 *	45
50	70.0	129.1	20,000 *	71.8	128.7	20,000 *	73.6	127.7	20,000 *	75.3	126.1	17,200 *	50
55	67.6	127.1	20,000 *	69.4	126.7	20,000 *	71.2	125.7	20,000 *	72.9	124.1	16,400 *	55
60	65.3	124.9	17,500	67.0	124.5	18,000	68.8	123.5	18,400	70.5	121.8	15,700 *	60
65	62.8	122.4	15,400	64.6	122.0	15,900	66.3	121.0	16,300	68.0	119.3	15,000 *	65
70	60.4	119.7	13,700	62.1	119.2	14,100	63.8	118.2	14,400	65.5	116.4	14,400 *	70
75	57.8	116.6	12,200	59.6	116.2	12,600	61.3	115.1	12,900	62.8	113.3	13,200	75
80	55.2	113.3	11,000	56.9	112.8	11,300	58.6	111.7	11,500	60.1	109.8	11,800	80
90	49.7	105.5	8,900	51.4	105.0	9,100	53.0	103.8	9,400				90
100	43.7	95.9	7,300	45.4	95.4	7,500							100
110	36.9	83.9	6,000										110

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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	
110 Ft. BOOM													
30	79.8	145.0	20,000 *										30
35	77.7	144.0	20,000 *	79.4	143.6	20,000 *							35
40	75.7	142.7	20,000 *	77.3	142.4	20,000 *	79.1	141.4	20,000 *	80.7	139.8	19,600 *	40
45	73.6	141.3	20,000 *	75.2	140.9	20,000 *	76.9	140.0	20,000 *	78.6	138.4	18,500 *	45
50	71.4	139.7	20,000 *	73.1	139.3	20,000 *	74.8	138.4	20,000 *	76.4	136.7	17,600 *	50
55	69.3	137.9	19,600	71.0	137.5	20,000 *	72.6	136.5	20,000 *	74.2	134.9	16,800 *	55
60	67.1	135.9	17,100	68.8	135.5	17,600	70.4	134.5	18,100	72.0	132.8	16,100 *	60
65	64.9	133.6	15,000	66.5	133.2	15,500	68.2	132.2	15,900	69.7	130.4	15,400 *	65
70	62.6	131.1	13,300	64.3	130.7	13,700	65.9	129.6	14,100	67.4	127.9	14,400	70
75	60.3	128.3	11,800	62.0	127.9	12,200	63.6	126.8	12,500	65.1	125.0	12,800	75
80	58.0	125.3	10,500	59.6	124.9	10,900	61.2	123.8	11,200	62.6	121.9	11,500	80
90	53.0	118.3	8,400	54.7	117.9	8,700	56.2	116.7	9,000				90
100	47.8	109.9	6,800	49.4	109.4	7,100	50.8	108.2	7,300				100
110	42.0	99.8	5,500	43.6	99.2	5,700							110
120	35.5	87.2	4,500										120
120 Ft. BOOM													
30	80.5	155.2	20,000										30
35	78.5	154.2	20,000	80.1	153.8	20,000 *							35
40	76.6	153.1	20,000	78.2	152.7	20,000 *	79.8	151.7	20,000 *				40
45	74.7	151.7	20,000	76.2	151.4	20,000 *	77.8	150.4	20,000 *	79.4	148.8	18,900 *	45
50	72.7	150.3	20,000	74.3	149.9	20,000 *	75.8	148.9	20,000 *	77.4	147.2	18,000 *	50
55	70.7	148.6	19,200	72.3	148.2	19,800	73.8	147.2	20,000 *	75.4	145.5	17,200 *	55
60	68.7	146.7	16,700	70.3	146.3	17,200	71.8	145.3	17,800	73.3	143.6	16,400 *	60
65	66.7	144.6	14,600	68.2	144.2	15,100	69.7	143.2	15,600	71.2	141.4	15,800 *	65
70	64.6	142.3	12,800	66.1	141.9	13,300	67.6	140.8	13,700	69.1	139.1	14,100	70
75	62.5	139.8	11,400	64.0	139.3	11,800	65.5	138.3	12,200	66.9	136.5	12,500	75
80	60.3	137.0	10,100	61.8	136.6	10,400	63.3	135.5	10,800	64.7	133.6	11,100	80
90	55.8	130.7	8,000	57.4	130.2	8,300	58.8	129.1	8,600	60.1	127.2	8,800	90
100	51.1	123.2	6,400	52.6	122.7	6,600	54.0	121.5	6,900				100
110	46.1	114.2	5,100	47.5	113.7	5,300							110
120	40.5	103.5	4,000	42.0	102.9	4,200							120
130	34.3	90.3	3,200										130

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30 Ft. JIB

Jib Oper. Rad. Feet	0 Degree Offset			10 Degree Offset			20 Degree Offset			30 Degree Offset			Jib Oper. Rad. Feet
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	
130 Ft. BOOM													
35	79.3	164.4	20,000 *										35
40	77.5	163.3	20,000 *	78.9	162.9	20,000 *	80.4	162.0	20,000 *				40
45	75.6	162.1	20,000 *	77.1	161.7	20,000 *	78.6	160.7	20,000 *	80.1	159.1	19,100 *	45
50	73.8	160.7	20,000 *	75.3	160.3	20,000 *	76.8	159.3	20,000 *	78.2	157.7	18,300 *	50
55	71.9	159.1	18,800	73.4	158.7	19,500	74.9	157.7	20,000 *	76.3	156.1	17,500 *	55
60	70.1	157.4	16,300	71.5	157.0	16,900	73.0	156.0	17,500	74.4	154.3	16,800 *	60
65	68.2	155.4	14,200	69.6	155.0	14,800	71.1	154.0	15,300	72.5	152.3	15,700	65
70	66.2	153.3	12,500	67.7	152.9	13,000	69.1	151.9	13,400	70.5	150.1	13,800	70
75	64.3	151.0	11,000	65.7	150.5	11,400	67.2	149.5	11,800	68.5	147.7	12,200	75
80	62.3	148.4	9,700	63.8	148.0	10,100	65.2	146.9	10,500	66.5	145.1	10,800	80
90	58.2	142.6	7,600	59.7	142.2	8,000	61.0	141.1	8,300	62.3	139.2	8,500	90
100	53.9	135.8	6,000	55.4	135.4	6,300	56.7	134.2	6,500				100
110	49.4	127.8	4,700	50.8	127.3	4,900	52.1	126.1	5,100				110
120	44.5	118.4	3,600	45.9	117.8	3,800							120

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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	80.4	115.4	20,000 *										25
30	77.8	114.3	20,000 *	80.7	113.8	20,000 *							30
35	75.1	113.0	20,000 *	78.0	112.4	20,000 *	80.9	111.3	20,000 *				35
40	72.4	111.4	20,000 *	75.3	110.8	20,000 *	78.1	109.7	19,800 *				40
45	69.7	109.6	20,000 *	72.6	109.0	20,000 *	75.4	107.8	18,100 *	78.2	105.8	13,700 *	45
50	66.9	107.4	20,000 *	69.8	106.9	20,000 *	72.5	105.7	16,700 *	75.4	103.6	12,800 *	50
55	64.1	105.0	20,000 *	66.9	104.4	18,700 *	69.7	103.2	15,500 *	72.4	101.1	12,100 *	55
60	61.2	102.3	19,000	64.0	101.7	17,100 *	66.7	100.4	14,500 *	69.4	98.3	11,500 *	60
65	58.2	99.2	16,900	60.9	98.6	15,800 *	63.6	97.3	13,600 *	66.2	95.1	10,900 *	65
70	55.0	95.8	15,200	57.8	95.1	14,700 *	60.4	93.8	12,900 *	63.0	91.5	10,500 *	70
75	51.8	91.9	13,700	54.5	91.2	13,800 *	57.1	89.8	12,200 *				75
80	48.4	87.5	12,500	51.1	86.8	12,700	53.6	85.3	11,600 *				80
90	41.0	77.0	10,400	43.6	76.2	10,600							90
100	32.1	62.8	8,800										100
80 Ft. BOOM													
30	78.8	124.5	20,000 *										30
35	76.4	123.3	20,000 *	79.0	122.8	20,000 *							35
40	73.9	121.9	20,000 *	76.6	121.3	20,000 *	79.2	120.1	20,000 *				40
45	71.4	120.2	20,000 *	74.1	119.7	20,000 *	76.7	118.4	18,800 *	79.3	116.4	14,000 *	45
50	68.9	118.3	20,000 *	71.5	117.7	20,000 *	74.1	116.5	17,400 *	76.7	114.4	13,200 *	50
55	66.4	116.1	20,000 *	69.0	115.6	20,000 *	71.5	114.3	16,200 *	74.0	112.2	12,500 *	55
60	63.7	113.7	18,500	66.3	113.1	18,400 *	68.8	111.8	15,200 *	71.3	109.6	11,800 *	60
65	61.1	111.0	16,500	63.6	110.3	16,900	66.1	109.0	14,300 *	68.5	106.8	11,300 *	65
70	58.3	107.9	14,700	60.9	107.3	15,100	63.3	105.9	13,500 *	65.7	103.6	10,800 *	70
75	55.5	104.5	13,200	58.0	103.8	13,600	60.4	102.4	12,800 *	62.7	100.0	10,400 *	75
80	52.5	100.7	12,000	55.0	100.0	12,300	57.4	98.5	12,200 *				80
90	46.2	91.8	9,900	48.7	91.0	10,200	50.9	89.4	10,400				90
100	39.1	80.5	8,300	41.5	79.6	8,500							100

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ANSI B30.5
Requirements

222HD

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	
90 Ft. BOOM													
30	79.6	134.8	20,000 *										30
35	77.4	133.6	20,000 *	79.9	133.1	20,000 *							35
40	75.2	132.3	20,000 *	77.6	131.8	20,000 *	80.0	130.5	20,000 *				40
45	72.9	130.8	20,000 *	75.3	130.2	20,000 *	77.7	129.0	19,500 *	80.2	126.9	14,300 *	45
50	70.6	129.1	20,000 *	73.0	128.5	20,000 *	75.4	127.2	18,100 *	77.8	125.1	13,500 *	50
55	68.3	127.1	20,000 *	70.7	126.5	20,000 *	73.0	125.2	16,900 *	75.4	123.0	12,800 *	55
60	65.9	124.8	18,100	68.3	124.2	18,700	70.6	122.9	15,900 *	72.9	120.7	12,200 *	60
65	63.5	122.4	16,100	65.8	121.7	16,600	68.1	120.4	14,900 *	70.4	118.1	11,600 *	65
70	61.0	119.6	14,300	63.4	119.0	14,800	65.6	117.6	14,100 *	67.8	115.3	11,100 *	70
75	58.4	116.6	12,800	60.8	115.9	13,300	63.0	114.5	13,400 *	65.2	112.1	10,700 *	75
80	55.8	113.2	11,600	58.2	112.5	11,900	60.4	111.1	12,300	62.5	108.6	10,300 *	80
90	50.3	105.4	9,500	52.6	104.7	9,800	54.7	103.1	10,100				90
100	44.3	95.8	7,900	46.5	95.0	8,100							100
110	37.5	83.9	6,600										110
100 Ft. BOOM													
30	80.4	144.9	20,000 *										30
35	78.3	143.9	20,000 *	80.6	143.3	20,000 *							35
40	76.2	142.7	20,000 *	78.5	142.1	20,000 *	80.8	140.8	20,000 *				40
45	74.1	141.3	20,000 *	76.4	140.7	20,000 *	78.6	139.4	20,000 *	80.9	137.3	14,500 *	45
50	72.0	139.7	20,000 *	74.3	139.1	20,000 *	76.5	137.8	18,700 *	78.7	135.6	13,700 *	50
55	69.9	137.8	20,000 *	72.1	137.2	20,000 *	74.3	135.9	17,500 *	76.5	133.7	13,000 *	55
60	67.7	135.8	17,700	69.9	135.2	18,300	72.1	133.8	16,400 *	74.3	131.6	12,400 *	60
65	65.5	133.5	15,600	67.7	132.9	16,200	69.9	131.5	15,500 *	72.0	129.3	11,900 *	65
70	63.2	131.0	13,900	65.4	130.4	14,400	67.6	129.0	14,700 *	69.6	126.7	11,400 *	70
75	60.9	128.3	12,400	63.1	127.6	12,900	65.2	126.2	13,300	67.2	123.8	11,000 *	75
80	58.6	125.2	11,100	60.7	124.6	11,600	62.8	123.1	11,900	64.8	120.7	10,600 *	80
90	53.6	118.3	9,100	55.8	117.5	9,400	57.8	116.0	9,700				90
100	48.4	109.9	7,500	50.5	109.1	7,700	52.4	107.4	8,000				100
110	42.6	99.7	6,200	44.7	98.8	6,400							110
120	36.1	87.1	5,100										120

Liftcrane Jib Capacities

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

Meets
ANSI B30.5
Requirements

222HD

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	
110 Ft. BOOM													
30	81.0	155.1	20,000 *										30
35	79.1	154.1	20,000 *										35
40	77.2	153.0	20,000 *	79.3	152.4	20,000 *							40
45	75.2	151.7	20,000 *	77.3	151.1	20,000 *	79.4	149.8	20,000 *				45
50	73.3	150.2	20,000 *	75.4	149.6	20,000 *	77.4	148.3	19,200 *	79.5	146.1	13,900 *	50
55	71.3	148.5	19,800	73.4	147.9	20,000 *	75.4	146.6	18,000 *	77.5	144.3	13,300 *	55
60	69.2	146.6	17,300	71.3	146.0	18,000	73.4	144.6	17,000 *	75.4	142.4	12,700 *	60
65	67.2	144.5	15,200	69.3	143.9	15,800	71.3	142.5	16,100 *	73.3	140.2	12,100 *	65
70	65.1	142.2	13,500	67.2	141.6	14,000	69.2	140.2	14,500	71.2	137.9	11,700 *	70
75	63.0	139.7	12,000	65.1	139.0	12,500	67.0	137.6	12,900	69.0	135.2	11,200 *	75
80	60.9	136.9	10,700	62.9	136.3	11,200	64.9	134.8	11,600	66.7	132.4	10,800 *	80
90	56.4	130.6	8,600	58.4	129.9	9,000	60.3	128.4	9,300	62.1	125.8	9,700	90
100	51.7	123.1	7,000	53.7	122.4	7,300	55.5	120.7	7,600				100
110	46.6	114.2	5,700	48.6	113.4	6,000	50.3	111.6	6,200				110
120	41.1	103.4	4,700	43.0	102.5	4,900							120
130	34.8	90.2	3,800										130
120 Ft. BOOM													
35	79.8	164.3	20,000 *										35
40	78.0	163.3	20,000 *	80.0	162.7	20,000 *							40
45	76.2	162.1	20,000 *	78.1	161.4	20,000 *	80.1	160.1	20,000 *				45
50	74.3	160.7	20,000 *	76.3	160.0	20,000 *	78.2	158.7	19,700 *	80.2	156.5	14,100 *	50
55	72.5	159.1	19,400	74.4	158.5	20,000 *	76.4	157.1	18,600 *	78.3	154.9	13,500 *	55
60	70.6	157.3	16,900	72.6	156.7	17,600	74.5	155.3	17,500 *	76.4	153.0	12,900 *	60
65	68.7	155.4	14,800	70.6	154.7	15,400	72.5	153.4	16,100	74.4	151.0	12,400 *	65
70	66.8	153.3	13,000	68.7	152.6	13,600	70.6	151.2	14,200	72.5	148.8	11,900 *	70
75	64.8	150.9	11,500	66.7	150.2	12,100	68.6	148.8	12,600	70.4	146.4	11,500 *	75
80	62.8	148.4	10,300	64.8	147.7	10,800	66.6	146.2	11,200	68.4	143.8	11,100 *	80
90	58.7	142.6	8,200	60.6	141.9	8,600	62.4	140.3	9,000	64.2	137.8	9,300	90
100	54.5	135.8	6,500	56.3	135.0	6,900	58.1	133.4	7,200				100
110	49.9	127.8	5,200	51.8	127.0	5,500	53.5	125.3	5,800				110
120	45.0	118.3	4,200	46.9	117.5	4,400							120
130	39.7	107.0	3,300	41.5	106.1	3,500							130

Liftcrane Jib Capacities

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

Meets
ANSI B30.5
Requirements

222HD

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	
130 Ft. BOOM													
35	80.4	174.5	20,000 *										35
40	78.7	173.5	20,000 *	80.6	172.9	20,000 *							40
45	77.0	172.4	20,000 *	78.9	171.7	20,000 *	80.7	170.4	20,000 *				45
50	75.3	171.1	20,000 *	77.1	170.4	20,000 *	79.0	169.1	20,000 *	80.8	166.8	14,300 *	50
55	73.5	169.6	19,000	75.4	169.0	19,900	77.2	167.6	19,000 *	79.0	165.3	13,700 *	55
60	71.8	168.0	16,500	73.6	167.3	17,300	75.4	165.9	18,000 *	77.2	163.6	13,100 *	60
65	70.0	166.1	14,400	71.8	165.5	15,100	73.6	164.1	15,800	75.4	161.8	12,600 *	65
70	68.2	164.1	12,700	70.0	163.5	13,300	71.8	162.1	13,900	73.6	159.7	12,100 *	70
75	66.4	162.0	11,200	68.2	161.3	11,800	70.0	159.9	12,300	71.7	157.5	11,700 *	75
80	64.5	159.6	9,900	66.4	158.9	10,400	68.1	157.5	10,900	69.8	155.0	11,300 *	80
90	60.8	154.3	7,800	62.6	153.5	8,200	64.3	152.0	8,700	65.9	149.5	9,000	90
100	56.8	148.0	6,200	58.6	147.3	6,500	60.3	145.7	6,900	61.8	143.0	7,200	100
110	52.7	140.7	4,900	54.5	139.9	5,200	56.1	138.3	5,500				110
120	48.3	132.2	3,800	50.1	131.4	4,100	51.6	129.6	4,300				120
130				45.3	121.4	3,200							130

Liftcrane Jib Capacities

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

Meets
ANSI B30.5
Requirements

222HD

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	79.3	124.5	20,000 *										30
35	76.9	123.3	20,000 *	80.2	122.6	20,000 *							35
40	74.5	121.9	20,000 *	77.8	121.2	20,000 *							40
45	72.0	120.2	20,000 *	75.3	119.5	19,400 *	78.6	118.1	15,300 *				45
50	69.5	118.3	20,000 *	72.7	117.6	17,400 *	76.0	116.2	14,100 *	79.3	113.9	10,800 *	50
55	66.9	116.1	20,000 *	70.2	115.4	15,900 *	73.4	114.0	13,100 *	76.6	111.6	10,200 *	55
60	64.3	113.7	18,000 *	67.5	112.9	14,500 *	70.7	111.5	12,200 *	73.9	109.1	9,600 *	60
65	61.6	110.9	16,200 *	64.8	110.2	13,400 *	68.0	108.7	11,500 *	71.1	106.2	9,100 *	65
70	58.9	107.9	14,800 *	62.1	107.1	12,500 *	65.2	105.5	10,800 *	68.2	103.0	8,700 *	70
75	56.0	104.5	13,600 *	59.2	103.7	11,600 *	62.2	102.1	10,200 *	65.2	99.4	8,300 *	75
80	53.1	100.7	12,600 *	56.2	99.9	10,900 *	59.2	98.2	9,700 *	62.1	95.4	8,000 *	80
90	46.8	91.7	10,500	49.8	90.8	9,800 *	52.7	89.0	8,900 *				90
100	39.7	80.4	8,900	42.7	79.4	8,900 *							100
110	31.2	65.5	7,700										110
80 Ft. BOOM													
30	80.2	134.7	20,000 *										30
35	77.9	133.6	20,000 *	81.0	132.9	20,000 *							35
40	75.7	132.3	20,000 *	78.7	131.6	20,000 *							40
45	73.4	130.8	20,000 *	76.4	130.1	20,000 *	79.5	128.6	15,800 *				45
50	71.1	129.0	20,000 *	74.1	128.3	18,500 *	77.1	126.8	14,600 *	80.2	124.4	11,000 *	50
55	68.8	127.0	20,000 *	71.8	126.3	16,800 *	74.8	124.8	13,600 *	77.8	122.4	10,400 *	55
60	66.4	124.8	18,700	69.4	124.1	15,500 *	72.3	122.5	12,700 *	75.3	120.1	9,900 *	60
65	64.0	122.3	16,600	67.0	121.6	14,300 *	69.9	120.0	11,900 *	72.8	117.5	9,400 *	65
70	61.5	119.6	14,900	64.5	118.8	13,300 *	67.3	117.2	11,300 *	70.2	114.6	9,000 *	70
75	58.9	116.5	13,400	61.9	115.7	12,400 *	64.7	114.1	10,700 *	67.5	111.4	8,600 *	75
80	56.3	113.2	12,100	59.3	112.4	11,700 *	62.1	110.7	10,200 *	64.8	107.9	8,200 *	80
90	50.8	105.4	10,000	53.7	104.5	10,400	56.4	102.6	9,300 *				90
100	44.8	95.8	8,400	47.6	94.8	8,700							100
110	38.0	83.8	7,200	40.7	82.7	7,400							110

Liftcrane Jib Capacities

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

Meets
ANSI B30.5
Requirements

222HD

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	
90 Ft. BOOM													
30	80.9	144.9	20,000 *										30
35	78.8	143.9	20,000 *										35
40	76.7	142.7	20,000 *	79.6	141.9	20,000 *							40
45	74.6	141.3	20,000 *	77.4	140.5	20,000 *	80.3	139.0	16,200 *				45
50	72.5	139.6	20,000 *	75.3	138.9	19,500 *	78.1	137.4	15,100 *	80.9	134.9	11,200 *	50
55	70.3	137.8	20,000 *	73.2	137.1	17,800 *	75.9	135.5	14,100 *	78.7	133.0	10,600 *	55
60	68.2	135.8	18,300	71.0	135.0	16,300 *	73.7	133.4	13,200 *	76.5	130.9	10,100 *	60
65	65.9	133.5	16,200	68.7	132.7	15,100 *	71.4	131.1	12,400 *	74.1	128.5	9,600 *	65
70	63.7	131.0	14,500	66.5	130.2	14,100 *	69.1	128.6	11,700 *	71.8	125.9	9,200 *	70
75	61.4	128.2	13,000	64.1	127.4	13,200 *	66.8	125.8	11,100 *	69.4	123.1	8,800 *	75
80	59.0	125.2	11,700	61.8	124.4	12,200	64.4	122.7	10,600 *	66.9	119.9	8,500 *	80
90	54.1	118.2	9,600	56.8	117.3	10,000	59.3	115.5	9,700 *	61.8	112.6	7,900 *	90
100	48.8	109.8	8,000	51.5	108.9	8,300	53.9	106.9	8,600				100
110	43.1	99.7	6,700	45.6	98.6	7,000							110
120	36.5	87.0	5,700										120
100 Ft. BOOM													
35	79.5	154.1	20,000 *										35
40	77.6	153.0	20,000 *	80.3	152.2	20,000 *							40
45	75.7	151.7	20,000 *	78.3	150.9	20,000 *	80.9	149.4	16,600 *				45
50	73.7	150.2	20,000 *	76.3	149.4	20,000 *	78.9	147.8	15,500 *				50
55	71.7	148.5	20,000 *	74.3	147.7	18,700 *	76.9	146.1	14,500 *	79.5	143.6	10,800 *	55
60	69.7	146.6	17,900	72.3	145.8	17,200 *	74.9	144.2	13,600 *	77.4	141.6	10,300 *	60
65	67.6	144.5	15,800	70.2	143.7	15,900 *	72.8	142.1	12,800 *	75.3	139.4	9,800 *	65
70	65.6	142.2	14,100	68.2	141.4	14,700	70.7	139.7	12,100 *	73.2	137.1	9,400 *	70
75	63.4	139.7	12,600	66.0	138.8	13,100	68.5	137.2	11,500 *	71.0	134.4	9,000 *	75
80	61.3	136.9	11,300	63.9	136.1	11,800	66.3	134.3	11,000 *	68.7	131.5	8,700 *	80
90	56.8	130.6	9,200	59.4	129.7	9,600	61.8	127.9	10,000	64.1	124.9	8,100 *	90
100	52.1	123.1	7,600	54.6	122.1	7,900	56.9	120.2	8,300				100
110	47.0	114.1	6,300	49.5	113.1	6,600	51.7	111.0	6,800				110
120	41.5	103.4	5,200	43.9	102.3	5,500							120
130	35.2	90.1	4,400										130

Liftcrane Jib Capacities

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

Meets
ANSI B30.5
Requirements

222HD

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	
110 Ft. BOOM													
35	80.2	164.3	20,000 *										35
40	78.4	163.3	20,000 *	80.9	162.5	20,000 *							40
45	76.6	162.0	20,000 *	79.1	161.3	20,000 *							45
50	74.7	160.6	20,000 *	77.2	159.8	20,000 *	79.7	158.3	15,800 *				50
55	72.9	159.1	20,000 *	75.3	158.3	19,500 *	77.8	156.7	14,800 *	80.2	154.0	10,900 *	55
60	71.0	157.3	17,400	73.5	156.5	18,000 *	75.9	154.9	14,000 *	78.3	152.2	10,400 *	60
65	69.1	155.4	15,400	71.5	154.6	16,100	73.9	152.9	13,200 *	76.3	150.2	10,000 *	65
70	67.2	153.2	13,600	69.6	152.4	14,300	72.0	150.7	12,500 *	74.3	148.0	9,500 *	70
75	65.2	150.9	12,100	67.6	150.1	12,700	70.0	148.3	11,900 *	72.3	145.6	9,200 *	75
80	63.2	148.3	10,800	65.6	147.5	11,400	68.0	145.7	11,300 *	70.2	142.9	8,800 *	80
90	59.1	142.5	8,800	61.5	141.7	9,200	63.8	139.8	9,700	66.0	136.9	8,200 *	90
100	54.9	135.7	7,100	57.2	134.8	7,500	59.4	132.9	7,900	61.5	129.8	7,800 *	100
110	50.3	127.7	5,800	52.6	126.7	6,200	54.8	124.7	6,500				110
120	45.4	118.3	4,800	47.7	117.2	5,100							120
130	40.1	107.0	3,900	42.3	105.8	4,100							130
140	34.1	93.1	3,200										140
120 Ft. BOOM													
35	80.8	174.5	20,000 *										35
40	79.1	173.5	20,000 *										40
45	77.4	172.3	20,000 *	79.7	171.6	20,000 *							45
50	75.6	171.0	20,000 *	78.0	170.2	20,000 *	80.3	168.6	16,200 *				50
55	73.9	169.6	19,500	76.2	168.8	19,700 *	78.5	167.1	15,200 *	80.8	164.4	11,000 *	55
60	72.2	167.9	17,000	74.5	167.1	17,900	76.7	165.4	14,300 *	79.0	162.8	10,500 *	60
65	70.4	166.1	14,900	72.7	165.3	15,700	74.9	163.6	13,500 *	77.2	160.9	10,100 *	65
70	68.6	164.1	13,200	70.9	163.3	13,900	73.1	161.6	12,900 *	75.3	158.8	9,700 *	70
75	66.8	161.9	11,700	69.1	161.1	12,400	71.3	159.4	12,200 *	73.5	156.6	9,300 *	75
80	64.9	159.6	10,400	67.2	158.7	11,000	69.4	157.0	11,600	71.6	154.1	9,000 *	80
90	61.1	154.2	8,300	63.4	153.3	8,800	65.6	151.5	9,300	67.6	148.6	8,400 *	90
100	57.2	148.0	6,700	59.4	147.0	7,100	61.5	145.1	7,500	63.5	142.0	7,900	100
110	53.1	140.7	5,400	55.3	139.7	5,700	57.3	137.7	6,100				110
120	48.7	132.2	4,300	50.9	131.2	4,600	52.9	129.0	4,900				120
130	44.0	122.3	3,400	46.1	121.1	3,700							130

Liftcrane Jib Capacities

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

Meets
ANSI B30.5
Requirements

222HD

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	80.5	134.7	18,500 *										30
35	78.3	133.6	18,200 *										35
40	76.0	132.3	18,000 *	79.7	131.6	16,800 *							40
45	73.7	130.8	17,300 *	77.4	130.0	16,300 *							45
50	71.4	129.0	16,700 *	75.1	128.3	15,400 *	78.7	126.7	12,300 *				50
55	69.1	127.0	16,200 *	72.7	126.3	13,900 *	76.4	124.7	11,400 *	80.1	122.1	8,800 *	55
60	66.7	124.8	15,600 *	70.3	124.0	12,800 *	73.9	122.4	10,600 *	77.6	119.8	8,300 *	60
65	64.3	122.3	14,300 *	67.9	121.5	11,800 *	71.5	119.9	9,900 *	75.1	117.2	7,800 *	65
70	61.8	119.6	13,100 *	65.4	118.8	10,900 *	68.9	117.1	9,300 *	72.5	114.3	7,400 *	70
75	59.3	116.5	12,000 *	62.8	115.7	10,200 *	66.3	114.0	8,800 *	69.8	111.1	7,100 *	75
80	56.6	113.2	11,000 *	60.2	112.3	9,500 *	63.6	110.5	8,300 *	67.0	107.6	6,800 *	80
90	51.1	105.4	9,500 *	54.6	104.4	8,400 *	58.0	102.5	7,600 *	61.2	99.3	6,300 *	90
100	45.1	95.8	8,400 *	48.6	94.7	7,600 *	51.8	92.6	7,000 *				100
110	38.3	83.8	7,500 *	41.7	82.6	7,000 *							110
80 Ft. BOOM													
35	79.1	143.9	18,000 *										35
40	77.0	142.7	17,900 *	80.4	141.9	16,800 *							40
45	74.9	141.2	17,500 *	78.3	140.5	16,300 *							45
50	72.8	139.6	16,900 *	76.2	138.8	15,900 *	79.6	137.2	12,700 *				50
55	70.6	137.8	16,400 *	74.0	137.0	14,700 *	77.4	135.4	11,800 *	80.8	132.7	8,900 *	55
60	68.5	135.8	15,900 *	71.8	135.0	13,500 *	75.2	133.3	11,000 *	78.6	130.5	8,400 *	60
65	66.2	133.5	15,400 *	69.6	132.7	12,400 *	72.9	131.0	10,300 *	76.3	128.2	8,000 *	65
70	64.0	131.0	14,200 *	67.3	130.1	11,500 *	70.6	128.4	9,700 *	73.9	125.6	7,600 *	70
75	61.7	128.2	13,000 *	65.0	127.4	10,800 *	68.3	125.6	9,200 *	71.5	122.7	7,300 *	75
80	59.3	125.2	12,000 *	62.6	124.3	10,100 *	65.8	122.5	8,700 *	69.0	119.5	7,000 *	80
90	54.4	118.2	10,100	57.7	117.3	9,000 *	60.8	115.3	7,900 *	63.8	112.1	6,400 *	90
100	49.1	109.8	8,500	52.3	108.8	8,100 *	55.4	106.7	7,200 *				100
110	43.4	99.7	7,200	46.5	98.5	7,400 *							110
120	36.8	87.0	6,200										120

Liftcrane Jib Capacities

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

Meets
ANSI B30.5
Requirements

222HD

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	
90 Ft. BOOM													
35	79.8	154.1	17,900 *										35
40	77.9	153.0	17,600 *										40
45	75.9	151.7	17,400 *	79.1	150.8	16,400 *							45
50	74.0	150.2	17,100 *	77.1	149.3	15,900 *	80.3	147.6	13,000 *				50
55	72.0	148.5	16,500 *	75.1	147.6	15,400 *	78.3	145.9	12,100 *				55
60	70.0	146.6	16,100 *	73.1	145.7	14,200 *	76.2	144.0	11,300 *	79.4	141.2	8,600 *	60
65	67.9	144.5	15,600 *	71.1	143.6	13,100 *	74.2	141.9	10,600 *	77.3	139.0	8,100 *	65
70	65.8	142.2	14,600	69.0	141.3	12,200 *	72.0	139.5	10,000 *	75.1	136.6	7,800 *	70
75	63.7	139.7	13,100	66.8	138.8	11,400 *	69.9	136.9	9,500 *	72.9	134.0	7,400 *	75
80	61.6	136.9	11,800	64.7	136.0	10,600 *	67.7	134.1	9,000 *	70.7	131.1	7,100 *	80
90	57.1	130.6	9,700	60.2	129.6	9,500 *	63.1	127.6	8,200 *	66.0	124.4	6,600 *	90
100	52.4	123.1	8,100	55.4	122.0	8,500	58.3	119.9	7,500 *	61.0	116.5	6,200 *	100
110	47.3	114.1	6,800	50.3	113.0	7,100	53.1	110.8	7,000 *				110
120	41.8	103.4	5,800	44.7	102.1	6,000							120
130	35.5	90.1	4,900										130
100 Ft. BOOM													
35	80.5	164.3	17,700 *										35
40	78.7	163.2	17,500 *										40
45	76.8	162.0	17,300 *	79.8	161.2	16,400 *							45
50	75.0	160.6	17,100 *	78.0	159.8	16,000 *	81.0	158.0	13,300 *				50
55	73.1	159.0	16,700 *	76.1	158.2	15,600 *	79.1	156.4	12,400 *				55
60	71.3	157.3	16,200 *	74.2	156.4	14,800 *	77.2	154.6	11,600 *	80.1	151.7	8,700 *	60
65	69.4	155.3	15,800 *	72.3	154.5	13,700 *	75.2	152.7	10,900 *	78.2	149.7	8,300 *	65
70	67.4	153.2	14,200	70.4	152.3	12,800 *	73.3	150.5	10,300 *	76.2	147.5	7,900 *	70
75	65.5	150.9	12,700	68.4	150.0	11,900 *	71.3	148.1	9,800 *	74.1	145.1	7,600 *	75
80	63.5	148.3	11,400	66.4	147.4	11,200 *	69.3	145.5	9,300 *	72.1	142.4	7,200 *	80
90	59.4	142.5	9,300	62.3	141.6	9,800	65.1	139.6	8,500 *	67.8	136.3	6,700 *	90
100	55.1	135.7	7,700	58.0	134.7	8,100	60.7	132.6	7,800 *	63.3	129.2	6,300 *	100
110	50.6	127.7	6,400	53.4	126.6	6,700	56.0	124.4	7,100				110
120	45.7	118.3	5,300	48.5	117.1	5,600	51.0	114.7	5,900				120
130	40.4	107.0	4,500	43.1	105.6	4,700							130
140	34.3	93.1	3,800										140

Liftcrane Jib Capacities

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

Meets
ANSI B30.5
Requirements

222HD

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	
110 Ft. BOOM													
35	81.0	174.5	17,400 *										35
40	79.3	173.5	17,300 *										40
45	77.6	172.3	17,100 *	80.4	171.5	16,300 *							45
50	75.9	171.0	16,900 *	78.7	170.1	16,000 *							50
55	74.2	169.5	16,700 *	77.0	168.7	15,600 *	79.7	166.8	12,700 *				55
60	72.4	167.9	16,300 *	75.2	167.0	15,300 *	78.0	165.2	11,900 *	80.8	162.2	8,800 *	60
65	70.6	166.1	15,500	73.4	165.2	14,300 *	76.2	163.3	11,200 *	78.9	160.3	8,400 *	65
70	68.8	164.1	13,700	71.6	163.2	13,300 *	74.3	161.3	10,600 *	77.1	158.3	8,000 *	70
75	67.0	161.9	12,200	69.8	161.0	12,500 *	72.5	159.1	10,100 *	75.2	156.0	7,700 *	75
80	65.2	159.6	11,000	67.9	158.6	11,600	70.6	156.7	9,600 *	73.3	153.5	7,400 *	80
90	61.4	154.2	8,900	64.1	153.2	9,400	66.7	151.2	8,700 *	69.3	148.0	6,800 *	90
100	57.5	147.9	7,200	60.2	146.9	7,700	62.7	144.8	8,000 *	65.2	141.4	6,400 *	100
110	53.3	140.7	5,900	56.0	139.6	6,300	58.5	137.4	6,700	60.9	133.8	6,100 *	110
120	49.0	132.2	4,900	51.6	131.0	5,200	54.0	128.7	5,500				120
130	44.3	122.2	4,000	46.8	121.0	4,300							130
140	39.1	110.4	3,300	41.6	109.0	3,500							140
120 Ft. BOOM													
40	79.9	183.7	17,000 *										40
45	78.3	182.6	16,900 *	81.0	181.7	16,300 *							45
50	76.7	181.4	16,700 *	79.3	180.5	15,900 *							50
55	75.1	180.0	16,400 *	77.7	179.1	15,600 *	80.3	177.2	12,900 *				55
60	73.4	178.4	16,300 *	76.0	177.5	15,300 *	78.7	175.7	12,100 *				60
65	71.7	176.7	15,100	74.4	175.8	14,900 *	77.0	173.9	11,500 *	79.6	170.9	8,500 *	65
70	70.1	174.9	13,300	72.7	173.9	13,900 *	75.3	172.0	10,900 *	77.9	168.9	8,100 *	70
75	68.4	172.8	11,800	71.0	171.9	12,600	73.5	170.0	10,300 *	76.1	166.8	7,800 *	75
80	66.6	170.6	10,500	69.2	169.7	11,200	71.8	167.7	9,800 *	74.3	164.5	7,500 *	80
90	63.1	165.6	8,400	65.7	164.7	9,000	68.2	162.6	9,000 *	70.6	159.3	7,000 *	90
100	59.5	159.9	6,800	62.0	158.8	7,300	64.5	156.7	7,800	66.8	153.3	6,500 *	100
110	55.7	153.2	5,500	58.2	152.1	5,900	60.6	149.9	6,300	62.9	146.3	6,200 *	110
120	51.7	145.4	4,400	54.2	144.3	4,800	56.5	142.0	5,200				120
130	47.5	136.5	3,500	49.9	135.3	3,900	52.2	132.8	4,200				130
140				45.3	124.8	3,100							140