

Liftcrane Boom Capacities

222HD SERIES B

Boom No. 222HD With Open Throat Top
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

LIFTING CAPACITIES: Lifting capacities are for a crawler machine with crawlers extended when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and 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 (*).

Upper boom point capacity for liftcrane service with single part whip line is 20,000 Lbs. When rear drum is equipped with high line pull option, upper boom point capacity for liftcrane service with single part whip line is 40,000 Lbs. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with crawlers fully extended, gantry up and machine list not to exceed degrees noted. Refer to

boom rigging **No. 911764** 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, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

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

BOOM POINT ELEVATION: Boom point elevation is vertical distance from barge deck to centerline of boom 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 Boom Lengths Lifted Unassisted		
List	Over End of Blocked Crawlers	Over Side of Extended Crawlers
	Boom Length	Boom Length
0 Degree	150 Ft.	150 Ft.
1 Degree	150 Ft.	150 Ft.
2 Degree	140 Ft.	140 Ft.
3 Degree	130 Ft.	130 Ft.
Load block, hook and weight ball on barge deck at start. Jib is not to be used on crawler machine while operating on a barge.		

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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
40 Ft. Boom							
10	81.5	44.9	200,000 *				10
11	80.0	44.7	200,000 *	166,200 *	135,700 *		11
12	78.6	44.5	185,300 *	152,000 *	123,900 *	109,400 *	12
13	77.1	44.2	171,000 *	140,000 *	113,900 *	100,500 *	13
14	75.6	44.0	158,800 *	129,700 *	105,400 *	92,800 *	14
15	74.1	43.7	148,200 *	120,700 *	97,900 *	86,200 *	15
16	72.6	43.4	138,900 *	112,900 *	91,500 *	80,400 *	16
17	71.1	43.0	130,700 *	106,000 *	85,700 *	75,200 *	17
18	69.6	42.6	122,900 *	99,900 *	80,600 *	70,700 *	18
19	68.0	42.2	117,000 *	94,400 *	76,100 *	66,600 *	19
20	66.4	41.8	109,200 *	89,400 *	72,000 *	62,900 *	20
22	63.2	40.8	93,800	80,900 *	64,900 *	56,600 *	22
24	59.9	39.6	82,000	73,800 *	59,000 *	51,300 *	24
26	56.5	38.3	72,800	66,200 *	54,000 *	46,800 *	26
28	53.0	36.8	65,300	59,200 *	49,700 *	43,000 *	28
30	49.2	35.1	59,100	53,000 *	46,000 *	39,700 *	30
32	45.2	33.2	53,900	47,400 *	42,700 *	36,800 *	32
34	40.9	31.0	48,500 *	42,300 *	39,800 *	34,200 *	34
36	36.2	28.3	43,000 *	37,500 *	37,000 *	31,900 *	36
38	30.8	25.1	39,800 *	33,000 *	32,600 *	29,800 *	38
40	24.3	21.1	34,300 *	28,300 *	28,000 *	27,800 *	40
50 Ft. Boom							
12	80.9	54.7	185,100 *	151,800 *			12
13	79.7	54.5	170,800 *	139,700 *	113,600 *		13
14	78.6	54.3	158,700 *	129,400 *	105,100 *	92,500 *	14
15	77.4	54.0	148,100 *	120,500 *	97,600 *	85,800 *	15
16	76.2	53.8	138,800 *	112,700 *	91,100 *	80,000 *	16
17	75.0	53.5	128,700 *	105,800 *	85,400 *	74,900 *	17
18	73.8	53.2	119,300 *	99,600 *	80,300 *	70,300 *	18
19	72.6	52.9	114,700 *	94,200 *	75,800 *	66,300 *	19
20	71.4	52.5	106,900 *	89,200 *	71,700 *	62,600 *	20
22	68.9	51.8	93,600	80,700 *	64,600 *	56,200 *	22
24	66.4	50.9	81,800	73,600 *	58,700 *	51,000 *	24
26	63.9	49.9	72,600	66,800 *	53,700 *	46,500 *	26
28	61.3	48.9	65,100	60,600 *	49,400 *	42,700 *	28
30	58.6	47.7	58,900	54,900 *	45,700 *	39,300 *	30
32	55.9	46.3	53,600	50,100 *	42,400 *	36,400 *	32
34	53.0	44.8	49,200	45,800 *	39,500 *	33,800 *	34
36	50.0	43.2	45,400	41,900 *	37,000 *	31,600 *	36
38	46.9	41.3	42,000	38,400 *	34,700 *	29,500 *	38
40	43.6	39.3	39,200	35,100 *	32,600 *	27,700 *	40
45	34.3	32.9	33,200	27,500 *	27,100 *	23,800 *	45
50	21.6	23.0	24,500 *	20,100 *	19,900 *	19,700 *	50

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Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
60 Ft. Boom							
13	81.5	64.7	170,700 *				13
14	80.5	64.5	158,600 *	129,200 *			14
15	79.5	64.3	145,800 *	120,200 *	97,300 *		15
16	78.5	64.1	133,400 *	112,400 *	90,800 *	79,600 *	16
17	77.6	63.8	123,000 *	105,500 *	85,100 *	74,500 *	17
18	76.6	63.6	118,200 *	99,400 *	80,000 *	69,900 *	18
19	75.6	63.3	109,900 *	93,900 *	75,400 *	65,900 *	19
20	74.6	63.1	102,700 *	88,700 *	71,300 *	62,200 *	20
22	72.6	62.4	90,600 *	79,100 *	64,200 *	55,900 *	22
24	70.6	61.7	81,000 *	71,200 *	58,300 *	50,600 *	24
26	68.5	61.0	72,400 *	64,600 *	53,300 *	46,100 *	26
28	66.4	60.1	64,800 *	59,000 *	49,100 *	42,300 *	28
30	64.3	59.1	58,600 *	54,100 *	45,300 *	39,000 *	30
32	62.2	58.1	53,400 *	49,800 *	42,100 *	36,000 *	32
34	60.0	56.9	48,900 *	46,000 *	39,200 *	33,500 *	34
36	57.7	55.7	45,100 *	42,600 *	36,700 *	31,200 *	36
38	55.4	54.3	41,700 *	39,400 *	34,400 *	29,200 *	38
40	53.0	52.8	38,900 *	36,600 *	32,300 *	27,300 *	40
45	46.7	48.5	33,000 *	30,100 *	28,000 *	23,400 *	45
50	39.6	43.0	28,400 *	24,700 *	24,200 *	20,300 *	50
55	31.1	35.7	24,200 *	19,700 *	19,400 *	17,700 *	55
60	19.6	24.7	18,100 *	14,400 *	14,300 *	14,100 *	60
70 Ft. Boom							
14	81.9	74.6	154,100 *				14
15	81.0	74.5	139,800 *	120,000 *			15
16	80.2	74.3	127,900 *	112,200 *			16
17	79.4	74.1	119,100 *	104,900 *	84,800 *		17
18	78.5	73.9	113,400 *	97,800 *	79,700 *	69,700 *	18
19	77.7	73.7	105,500 *	91,400 *	75,200 *	65,600 *	19
20	76.8	73.4	98,600 *	85,900 *	71,100 *	61,900 *	20
22	75.2	72.9	87,100 *	76,600 *	64,000 *	55,600 *	22
24	73.4	72.3	79,300 *	69,000 *	58,100 *	50,300 *	24
26	71.7	71.6	72,200 *	62,700 *	53,100 *	45,800 *	26
28	70.0	70.9	64,600 *	57,300 *	48,800 *	42,000 *	28
30	68.2	70.1	58,400 *	52,700 *	45,100 *	38,700 *	30
32	66.4	69.3	53,200 *	48,700 *	41,900 *	35,800 *	32
34	64.6	68.3	48,700 *	45,100 *	39,000 *	33,200 *	34
36	62.8	67.3	44,900 *	41,900 *	36,400 *	30,900 *	36
38	60.9	66.2	41,600 *	39,100 *	34,200 *	28,900 *	38
40	59.0	65.0	38,800 *	36,300 *	32,100 *	27,100 *	40
45	54.1	61.6	32,800 *	30,700 *	27,800 *	23,200 *	45
50	48.8	57.5	28,200 *	26,000 *	24,300 *	20,100 *	50
55	43.0	52.5	24,600 *	21,800 *	21,300 *	17,500 *	55
60	36.5	46.3	21,700 *	18,000 *	17,700 *	15,400 *	60
65	28.7	38.3	18,200 *	14,400 *	14,200 *	13,600 *	65
70	18.1	26.3	13,700 *	10,400 *	10,300 *	10,200 *	70



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80 Ft. Boom							
16	81.4	84.4	123,000 *				16
17	80.7	84.3	117,800 *	99,500 *			17
18	80.0	84.1	108,900 *	92,700 *	79,400 *		18
19	79.2	83.9	101,300 *	86,900 *	74,800 *		19
20	78.5	83.7	94,600 *	81,700 *	70,700 *	61,500 *	20
22	77.0	83.2	83,600 *	72,900 *	63,700 *	55,200 *	22
24	75.6	82.7	78,800 *	65,700 *	57,800 *	49,900 *	24
26	74.1	82.1	70,900 *	59,700 *	52,800 *	45,500 *	26
28	72.6	81.5	64,400	54,700 *	48,500 *	41,600 *	28
30	71.1	80.8	58,100	50,400 *	44,800 *	38,300 *	30
32	69.5	80.1	52,900	46,600 *	41,500 *	35,400 *	32
34	68.0	79.3	48,400	43,200 *	38,700 *	32,800 *	34
36	66.4	78.4	44,600	40,200 *	36,100 *	30,600 *	36
38	64.9	77.5	41,200	37,500 *	33,800 *	28,500 *	38
40	63.3	76.5	38,500	35,100 *	31,800 *	26,700 *	40
45	59.1	73.7	32,500	29,900 *	27,400 *	22,800 *	45
50	54.8	70.3	27,900	25,600 *	24,000 *	19,700 *	50
55	50.3	66.4	24,300	22,000 *	21,100 *	17,100 *	55
60	45.4	61.8	21,300	18,800 *	18,300 *	15,000 *	60
65	40.1	56.2	18,900	15,800 *	15,400 *	13,200 *	65
70	34.0	49.4	16,600 *	13,000 *	12,800 *	11,700 *	70
75	26.8	40.7	13,500 *	10,300 *	10,100 *	9,900 *	75
80	16.9	27.8	10,100 *	7,200 *	7,100 *	7,000 *	80

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90 Ft. Boom							
17	81.7	94.4	114,000 *				17
18	81.1	94.2	105,300 *				18
19	80.5	94.1	97,900 *	85,800 *			19
20	79.8	93.9	91,400 *	80,500 *	70,500 *		20
22	78.5	93.5	80,700 *	71,600 *	63,400 *	54,900 *	22
24	77.2	93.0	76,000 *	64,400 *	57,500 *	49,600 *	24
26	75.9	92.5	68,400 *	58,400 *	52,500 *	45,100 *	26
28	74.6	92.0	62,100 *	53,300 *	48,200 *	41,300 *	28
30	73.2	91.4	56,800 *	49,000 *	44,500 *	38,000 *	30
32	71.9	90.7	52,200 *	45,200 *	41,300 *	35,100 *	32
34	70.6	90.0	48,200 *	42,000 *	38,400 *	32,500 *	34
36	69.2	89.3	44,300 *	39,100 *	35,800 *	30,300 *	36
38	67.8	88.4	41,000 *	36,500 *	33,600 *	28,200 *	38
40	66.4	87.6	38,300 *	34,200 *	31,500 *	26,400 *	40
45	62.9	85.2	32,300 *	29,200 *	27,200 *	22,500 *	45
50	59.2	82.3	27,700 *	25,100 *	23,700 *	19,400 *	50
55	55.4	79.0	24,000 *	21,700 *	20,900 *	16,900 *	55
60	51.4	75.2	21,100 *	18,800 *	18,200 *	14,700 *	60
65	47.2	70.9	18,700 *	16,200 *	15,700 *	12,900 *	65
70	42.6	65.7	16,600 *	13,900 *	13,500 *	11,400 *	70
75	37.6	59.7	14,900 *	11,600 *	11,300 *	10,100 *	75
80	32.0	52.3	12,500 *	9,400 *	9,200 *	8,900 *	80
85	25.2	42.9	10,200 *	7,200 *	7,100 *	6,900 *	85
90	15.8	29.1	7,500 *	4,700 *	4,600 *	4,500 *	90



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100 Ft. Boom							
19	81.4	104.2	94,800 *				19
20	80.8	104.0	88,500 *	71,600 *			20
22	79.7	103.7	79,000 *	68,900 *	59,000 *		22
24	78.5	103.3	73,400 *	62,200 *	56,600 *	49,800 *	24
26	77.3	102.8	65,900 *	56,500 *	51,800 *	45,300 *	26
28	76.2	102.3	59,800 *	51,700 *	47,600 *	41,500 *	28
30	75.0	101.8	54,600 *	47,500 *	44,000 *	38,200 *	30
32	73.8	101.2	50,200 *	43,900 *	40,900 *	35,300 *	32
34	72.6	100.6	46,400 *	40,800 *	38,100 *	32,700 *	34
36	71.4	99.9	43,100 *	38,000 *	35,700 *	30,400 *	36
38	70.1	99.2	40,200 *	35,600 *	33,400 *	28,400 *	38
40	68.9	98.4	38,000	33,300 *	31,400 *	26,500 *	40
45	65.8	96.3	32,000	28,600 *	27,200 *	22,700 *	45
50	62.6	93.8	27,400	24,800 *	23,700 *	19,600 *	50
55	59.3	91.0	23,800	21,600 *	20,600 *	17,000 *	55
60	55.9	87.7	20,800	18,900 *	18,100 *	14,900 *	60
65	52.3	84.1	18,400	16,500 *	15,900 *	13,100 *	65
70	48.6	79.9	16,300	14,400 *	13,900 *	11,600 *	70
75	44.6	75.0	14,600	12,400 *	12,000 *	10,200 *	75
80	40.3	69.5	13,000 *	10,600 *	10,200 *	9,100 *	80
85	35.6	62.9	11,100 *	8,800 *	8,600 *	8,000 *	85
90	30.3	55.1	9,300 *	7,100 *	6,900 *	6,700 *	90
95	23.9	45.0	7,400 *	5,300 *	5,200 *	5,100 *	95
100	15.0	30.4	5,200 *	3,200 *	3,100 *	3,000 *	100

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110 Ft. Boom							
20	81.7	114.2	86,700 *				20
22	80.6	113.8	79,000 *	64,700 *			22
24	79.6	113.5	71,900 *	59,700 *	53,500 *		24
26	78.5	113.1	64,600 *	54,200 *	49,200 *	44,800 *	26
28	77.4	112.6	58,600 *	49,500 *	45,200 *	41,200 *	28
30	76.4	112.1	53,500 *	45,600 *	41,800 *	37,900 *	30
32	75.3	111.6	49,200 *	42,100 *	38,900 *	35,000 *	32
34	74.2	111.1	45,500 *	39,100 *	36,200 *	32,400 *	34
36	73.1	110.4	42,300 *	36,400 *	33,900 *	30,100 *	36
38	72.0	109.8	39,400 *	34,100 *	31,800 *	28,100 *	38
40	70.9	109.1	38,200	31,900 *	29,900 *	26,300 *	40
45	68.1	107.2	32,200	27,400 *	25,800 *	22,400 *	45
50	65.3	105.0	27,600	23,700 *	22,500 *	19,300 *	50
55	62.4	102.5	24,000	20,700 *	19,700 *	16,700 *	55
60	59.4	99.6	21,000	18,100 *	17,300 *	14,600 *	60
65	56.3	96.4	18,600	15,900 *	15,200 *	12,800 *	65
70	53.1	92.8	16,500	13,900 *	13,400 *	11,300 *	70
75	49.7	88.8	14,800	12,200 *	11,700 *	10,000 *	75
80	46.2	84.2	13,300	10,500 *	10,100 *	8,800 *	80
85	42.4	79.0	12,000	9,000 *	8,600 *	7,800 *	85
90	38.4	73.0	10,400 *	7,500 *	7,300 *	6,800 *	90
95	33.9	66.0	8,900 *	6,100 *	5,900 *	5,700 *	95
100	28.8	57.7	7,400 *	4,700 *	4,500 *	4,400 *	100
105	22.7	47.1	5,900 *	3,200 *	3,100 *	3,000 *	105
110	14.3	31.7	4,100 *				110



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120 Ft. Boom							
22	81.4	124.0	78,700 *				22
24	80.4	123.6	69,700 *	56,100 *			24
26	79.5	123.3	62,500 *	54,000 *	46,800 *		26
28	78.5	122.9	56,600 *	49,700 *	44,800 *	40,000 *	28
30	77.5	122.4	51,600 *	45,500 *	41,300 *	37,500 *	30
32	76.5	121.9	47,400 *	41,800 *	38,200 *	34,600 *	32
34	75.6	121.4	43,800 *	38,700 *	35,500 *	32,000 *	34
36	74.6	120.9	40,600 *	36,000 *	33,100 *	29,800 *	36
38	73.6	120.3	39,300 *	33,500 *	30,900 *	27,700 *	38
40	72.6	119.7	38,000	31,300 *	29,000 *	25,900 *	40
45	70.0	117.9	31,900	26,700 *	24,900 *	22,000 *	45
50	67.5	115.9	27,300	23,100 *	21,700 *	18,900 *	50
55	64.9	113.7	23,700	20,100 *	18,900 *	16,400 *	55
60	62.2	111.2	20,700	17,500 *	16,500 *	14,300 *	60
65	59.4	108.3	18,300	15,300 *	14,500 *	12,500 *	65
70	56.6	105.1	16,200	13,400 *	12,800 *	11,000 *	70
75	53.7	101.6	14,500	11,700 *	11,200 *	9,600 *	75
80	50.6	97.6	13,000	10,200 *	9,700 *	8,500 *	80
85	47.4	93.2	11,500 *	8,800 *	8,400 *	7,400 *	85
90	44.1	88.3	10,100 *	7,400 *	7,100 *	6,500 *	90
95	40.5	82.7	8,800 *	6,200 *	5,900 *	5,700 *	95
100	36.6	76.3	7,600 *	5,000 *	4,800 *	4,600 *	100
105	32.4	68.9	6,400 *	3,800 *	3,700 *	3,500 *	105
110	27.5	60.1	5,200 *				110
115	21.7	49.0	3,900 *				115

Liftcrane Boom Capacities

222HD SERIES B

Boom No. 222HD With Open Throat Top
 63,300 Lb. Crane Counterweight
 14,000 Lb. Crawler Frame Counterweight
 22 Ft. 4 in. Crawlers Extended
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
130 Ft. Boom							
24	81.2	133.8	67,900 *				24
26	80.3	133.4	60,800 *	50,700 *			26
28	79.4	133.1	55,000 *	47,700 *	42,400 *		28
30	78.5	132.7	50,100 *	43,700 *	39,300 *	35,500 *	30
32	77.6	132.2	46,000 *	40,100 *	36,300 *	33,000 *	32
34	76.7	131.8	42,400 *	37,100 *	33,700 *	30,800 *	34
36	75.8	131.2	39,300 *	34,400 *	31,400 *	28,800 *	36
38	74.9	130.7	39,200 *	32,100 *	29,400 *	27,000 *	38
40	73.9	130.1	37,400 *	30,000 *	27,500 *	25,400 *	40
45	71.6	128.5	31,600 *	25,500 *	23,600 *	21,700 *	45
50	69.3	126.7	27,100 *	22,000 *	20,500 *	18,600 *	50
55	66.9	124.7	23,400 *	19,100 *	17,800 *	16,100 *	55
60	64.5	122.4	20,500 *	16,600 *	15,600 *	14,000 *	60
65	62.0	119.8	18,000 *	14,500 *	13,700 *	12,200 *	65
70	59.5	117.0	16,000 *	12,700 *	12,000 *	10,700 *	70
75	56.9	113.8	14,200 *	11,100 *	10,500 *	9,300 *	75
80	54.2	110.3	12,500 *	9,700 *	9,100 *	8,200 *	80
85	51.4	106.5	11,100 *	8,300 *	7,900 *	7,100 *	85
90	48.5	102.2	9,800 *	7,100 *	6,700 *	6,200 *	90
95	45.5	97.5	8,600 *	6,000 *	5,600 *	5,300 *	95
100	42.3	92.2	7,400 *	4,900 *	4,600 *	4,400 *	100
105	38.8	86.3	6,400 *	3,900 *	3,700 *	3,400 *	105
110	35.1	79.5	5,400 *				110
115	31.1	71.7	4,400 *				115
120	26.4	62.5	3,400 *				120

Liftcrane Boom Capacities

222HD SERIES B

Boom No. 222HD With Open Throat Top
63,300 Lb. Crane Counterweight
14,000 Lb. Crawler Frame Counterweight
22 Ft. 4 in. Crawlers Extended
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	Oper. Radius Feet
140 Ft. Boom						
24	81.8	143.9	66,200 *			24
26	81.0	143.6	59,200 *	42,500 *		26
28	80.2	143.2	53,400 *	41,300 *		28
30	79.3	142.9	48,600 *	40,100 *	33,100 *	30
32	78.5	142.5	44,500 *	39,000 *	32,200 *	32
34	77.7	142.0	41,000 *	36,100 *	31,400 *	34
36	76.8	141.6	39,100 *	33,500 *	30,400 *	36
38	76.0	141.1	38,900 *	31,200 *	28,400 *	38
40	75.1	140.5	36,100 *	29,200 *	26,600 *	40
45	73.0	139.1	30,400 *	24,800 *	22,800 *	45
50	70.8	137.4	26,000 *	21,400 *	19,700 *	50
55	68.6	135.5	22,500 *	18,500 *	17,200 *	55
60	66.4	133.4	19,600 *	16,200 *	15,100 *	60
65	64.2	131.1	17,200 *	14,200 *	13,200 *	65
70	61.9	128.5	15,200 *	12,400 *	11,600 *	70
75	59.5	125.6	13,400 *	10,900 *	10,200 *	75
80	57.1	122.5	11,800 *	9,500 *	8,900 *	80
85	54.6	119.1	10,400 *	8,200 *	7,700 *	85
90	52.0	115.3	9,200 *	7,100 *	6,700 *	90
95	49.4	111.1	8,100 *	6,000 *	5,700 *	95
100	46.6	106.6	7,000 *	5,100 *	4,700 *	100
105	43.7	101.5	6,000 *	4,100 *	3,800 *	105
110	40.6	95.9	5,100 *	3,200 *	3,000 *	110
115	37.4	89.7	4,300 *			115
120	33.8	82.6	3,400 *			120

Liftcrane Boom Capacities

222HD SERIES B

Boom No. 222HD With Open Throat Top
 63,300 Lb. Crane Counterweight
 14,000 Lb. Crawler Frame Counterweight
 22 Ft. 4 in. Crawlers Extended
 Crawler Machine on a Barge
 0 Degree thru 3 Degree Machine List
 No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds
150 Ft. Boom				
26	81.6	153.7	58,300 *	
28	80.8	153.4	52,600 *	38,100 *
30	80.0	153.0	47,800 *	36,900 *
32	79.3	152.7	43,800 *	35,800 *
34	78.5	152.3	40,300 *	34,800 *
36	77.7	151.8	39,100 *	32,200 *
38	76.9	151.4	38,300 *	30,000 *
40	76.1	150.9	35,500 *	27,900 *
45	74.2	149.5	29,800 *	23,700 *
50	72.2	148.0	25,500 *	20,400 *
55	70.1	146.2	22,000 *	17,600 *
60	68.1	144.3	19,200 *	15,300 *
65	66.0	142.1	16,900 *	13,400 *
70	63.9	139.7	14,900 *	11,700 *
75	61.7	137.1	13,200 *	10,200 *
80	59.5	134.3	11,700 *	8,800 *
85	57.3	131.2	10,300 *	7,600 *
90	55.0	127.8	9,100 *	6,600 *
95	52.6	124.1	8,100 *	5,600 *
100	50.1	120.0	7,100 *	4,600 *
105	47.6	115.6	6,200 *	3,800 *
110	44.9	110.8	5,300 *	
115	42.1	105.4	4,500 *	
120	39.2	99.5	3,700 *	
125	36.0	93.0	3,000 *	