

LIFTCRANE BOOM CAPACITIES

M-250
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. COUNTERWEIGHT
PEDESTAL MOUNT
0 DEGREE THRU 3 DEGREE STATIC MACHINE LIST

CAPACITIES FOR VARIOUS BOOM LENGTHS AND OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND ARE BASED ON STRUCTURAL COMPETENCE.

UPPER BOOM POINT CAPACITY FOR LIFTCRANE SERVICE WITH SINGLE PART WHIP LINE IS 30,000 LBS. OR 60,000 LBS. WITH TWO PART WHIP LINE. IN ALL CASES, UPPER BOOM POINT CAPACITIES CANNOT EXCEED THOSE LISTED FOR MAIN BOOM CAPACITY.

250' AND 260' BOOM LENGTH REQUIRE ONLY THE MIDDLE 3 SHEAVES TO BE USED ON LOWER BOOM POINT. ALL OTHER SHEAVES MUST BE REMOVED FROM LOWER BOOM POINT.

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.

MACHINE TO OPERATE WITH TURNABLE BEARING PROPERLY SUPPORTED, GANTRY UP AND MACHINE LIST NOT TO EXCEED DEGREES NOTED WITH EXCEPTION OF 0 DEGREE MACHINE LIST WHICH MUST NOT EXCEED 0.5 DEGREES. REFER TO BOOM RIGGING NO. 170424 OR NO. 172610, AND WIRE ROPE SPECIFICATION CHART NO. 7968-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.

MACHINE MAY BE OPERATED WITHIN WIND LIMITS SHOWN IN TABLE PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON CAPACITY CHART ARE FOLLOWED. WIND WILL HAVE A CONSIDERABLE EFFECT ON A LOAD WITH A LARGE 'SAIL AREA' AND MUST BE COMPENSATED FOR ACCORDINGLY BY REDUCING LOAD RATINGS, REDUCING OPERATING SPEEDS OR BY A COMBINATION OF BOTH. RECOMMEND STOPPING OPERATION WHEN WIND IS ABOVE OPERATING CONDITIONS STATED AND LOWERING BOOM WHEN WIND IS ABOVE 50 MPH.

OPERATING RADIUS IS HORIZONTAL DISTANCE FROM AXIS OF ROTATION AT TOP OF TURNABLE BEARING 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 IS VERTICAL DISTANCE FROM TOP OF TURNABLE BEARING TO CENTERLINE OF BOOM POINT SHAFT.

MACHINE EQUIPPED WITH 28' RETRACTABLE GANTRY, 12 PART BOOM HOIST REEVING, FOUR 1-1/2" BOOM PENDANTS, AND 167,000;LB. COUNTERWEIGHT.

WIND LIMITS DURING OPERATION	
MAXIMUM WIND VELOCITY MPH	BOOM LENGTH FEET
30	70 - 200
25	210 - 240
20	250 - 260

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
7 0	18	82.9	72.5	551,200				18
	19	82.1	72.3	547,900				19
	20	81.3	72.1	545,600	447,800			20
	21	80.4	71.9	523,500	447,800	324,500		21
	22	79.6	71.7	501,000	447,800	324,500	253,300	22
	23	78.8	71.5	480,200	447,800	324,500	253,300	23
	24	77.9	71.2	461,000	434,400	324,500	253,300	24
	25	77.1	71.0	443,300	418,600	324,500	253,300	25
	26	76.2	70.7	426,800	403,700	324,500	253,300	26
	27	75.4	70.4	411,400	389,900	324,500	253,300	27
	28	74.5	70.1	397,100	377,000	324,500	253,300	28
	29	73.7	69.7	383,700	364,800	315,200	253,300	29
	30	72.8	69.4	371,100	353,400	304,300	253,300	30
	32	71.0	68.6	348,100	332,400	284,500	239,200	32
	34	69.3	67.8	327,700	313,700	267,000	224,300	34
	36	67.5	66.9	309,500	296,900	251,500	211,000	36
	38	65.7	66.0	293,000	281,700	237,600	199,200	38
	40	63.8	64.9	278,100	267,900	225,100	188,500	40
	42	61.9	63.8	264,600	255,300	213,800	178,800	42
	44	60.0	62.6	252,200	243,800	203,500	170,100	44
	46	58.1	61.2	238,200	231,600	194,100	162,000	46
	48	56.1	59.8	224,100	218,300	185,500	154,700	48
	50	54.0	58.3	211,300	206,200	177,600	147,900	50
	55	48.6	53.9	184,000	180,300	160,300	133,200	55
	60	42.6	48.6	159,900	157,200	145,800	120,900	60
	65	35.8	41.9	133,600	131,800	130,000	110,400	65
	70	27.4	33.0	110,200	108,900	107,800	101,500	70

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BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
80	20	82.4	82.3	526,400				20
	21	81.7	82.1	522,700	430,000			21
	22	80.9	81.9	500,200	428,100	317,700		22
	23	80.2	81.7	479,400	425,700	317,700		23
	24	79.5	81.5	460,300	422,100	317,700	249,100	24
	25	78.7	81.3	442,500	415,000	317,700	249,100	25
	26	78.0	81.0	426,000	400,400	317,700	249,100	26
	27	77.3	80.8	410,700	386,700	317,700	249,100	27
	28	76.5	80.5	396,300	373,900	317,700	249,100	28
	29	75.8	80.2	382,900	361,900	314,500	249,100	29
	30	75.0	79.9	370,400	350,600	303,600	249,100	30
	32	73.5	79.3	347,400	329,900	283,800	238,400	32
	34	72.0	78.6	327,000	311,300	266,400	223,500	34
	36	70.5	77.8	308,800	294,700	250,800	210,300	36
	38	68.9	77.0	292,300	279,600	237,000	198,400	38
	40	67.3	76.1	277,400	265,900	224,500	187,800	40
	42	65.8	75.1	263,900	253,400	213,200	178,100	42
	44	64.2	74.1	251,500	242,000	202,900	169,400	44
	46	62.5	73.0	240,200	231,400	193,500	161,400	46
	48	60.9	71.8	229,700	221,700	184,900	154,000	48
90	50	59.2	70.6	216,900	210,600	177,000	147,300	50
	55	54.8	67.1	189,200	184,400	159,700	132,500	55
	60	50.2	62.9	166,800	163,100	145,300	120,300	60
	65	45.1	58.0	148,100	145,400	133,100	109,900	65
	70	39.6	52.1	131,200	129,200	122,700	100,900	70
	75	33.3	44.8	111,200	109,800	108,400	93,200	75
	80	25.4	35.1	92,700	91,800	90,900	86,400	80
	21	82.6	92.3	498,600				21
	22	81.9	92.1	495,600	401,500			22
	23	81.3	91.9	478,800	398,100			23
	24	80.6	91.7	459,700	394,800	310,300		24
	25	80.0	91.5	442,000	391,600	310,300	244,300	25
	26	79.3	91.3	425,500	388,500	310,300	244,300	26
	27	78.7	91.1	410,100	383,800	310,300	244,300	27
	28	78.0	90.8	395,800	371,200	310,300	244,300	28
	29	77.4	90.6	382,400	359,300	310,300	244,300	29
	30	76.7	90.3	369,900	348,100	303,200	244,300	30
	32	75.4	89.7	346,900	327,600	283,400	238,000	32
	34	74.1	89.1	326,500	309,200	266,000	223,100	34
	36	72.7	88.5	308,300	292,700	250,500	209,900	36
	38	71.4	87.7	291,900	277,800	236,600	198,000	38
	40	70.0	87.0	277,000	264,200	224,100	187,400	40
	42	68.6	86.1	263,500	251,900	212,800	177,700	42
	44	67.2	85.3	251,100	240,500	202,500	169,000	44
	46	65.8	84.3	239,800	230,100	193,200	161,000	46
	48	64.4	83.3	229,400	220,400	184,600	153,700	48
	50	63.0	82.2	219,700	211,000	176,600	146,900	50
	55	59.3	79.3	194,000	188,200	159,400	132,200	55
	60	55.4	75.8	171,200	166,700	145,000	119,900	60
	65	51.3	71.8	152,400	148,800	132,800	109,500	65
	70	47.0	67.2	136,500	133,800	122,400	100,600	70
	75	42.3	61.8	122,900	120,800	113,300	92,900	75
	80	37.1	55.4	110,300	108,700	105,400	86,100	80
	85	31.2	47.5	94,500	93,300	92,200	80,100	85

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BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
100	22	82.8	102.2	479,300				22
	23	82.2	102.1	476,300				23
	24	81.6	101.9	458,700	369,900			24
	25	81.0	101.7	441,000	366,900	302,000		25
	26	80.4	101.5	424,500	364,100	302,000		26
	27	79.8	101.3	409,200	361,300	301,900	238,900	27
	28	79.3	101.1	394,900	358,500	301,900	238,900	28
	29	78.7	100.9	381,500	355,900	301,500	238,900	29
	30	78.1	100.6	368,900	345,200	299,600	238,900	30
	32	76.9	100.1	346,000	324,900	282,700	237,100	32
	34	75.7	99.6	325,600	306,700	265,300	222,300	34
	36	74.5	99.0	307,400	290,400	249,800	209,100	36
	38	73.3	98.3	291,000	275,600	235,900	197,200	38
	40	72.1	97.7	276,100	262,100	223,400	186,600	40
	42	70.9	96.9	262,600	249,900	212,100	177,000	42
	44	69.7	96.1	250,300	238,600	201,900	168,200	44
	46	68.4	95.3	238,900	228,200	192,500	160,200	46
	48	67.2	94.4	228,500	218,700	183,900	152,900	48
	50	65.9	93.5	218,900	209,300	176,000	146,100	50
	55	62.7	90.9	196,300	188,200	158,700	131,400	55
	60	59.3	87.9	174,400	169,100	144,400	119,200	60
	65	55.9	84.5	155,400	151,100	132,200	108,800	65
	70	52.3	80.7	139,400	136,000	121,800	99,900	70
	75	48.5	76.3	125,700	123,000	112,700	92,200	75
	80	44.4	71.3	113,900	111,700	104,800	85,400	80
110	85	40.0	65.4	103,500	101,800	97,800	79,500	85
	90	35.1	58.5	93,700	92,300	91,000	74,200	90
	95	29.5	50.0	80,800	79,800	78,800	69,400	95
	23	82.9	112.2	374,400				23
	24	82.4	112.0	371,800				24
	25	81.8	111.9	369,400	301,600			25
	26	81.3	111.7	367,000	300,000			26
	27	80.8	111.5	364,700	298,500	265,200		27
	28	80.3	111.3	362,500	297,000	264,000		28
	29	79.7	111.1	360,300	295,600	262,900	230,800	29
	30	79.2	110.9	358,200	294,200	261,800	230,800	30
	32	78.1	110.4	345,300	291,600	259,700	230,700	32
	34	77.0	109.9	325,000	289,100	257,700	221,700	34
	36	76.0	109.4	306,700	286,700	249,300	208,500	36
	38	74.9	108.8	290,300	273,600	235,400	196,700	38
	40	73.8	108.2	275,500	260,300	223,000	186,100	40
	42	72.7	107.5	262,000	248,100	211,700	176,500	42
	44	71.6	106.8	249,600	236,900	201,400	167,700	44
	46	70.5	106.1	238,300	226,700	192,000	159,700	46
	48	69.4	105.3	227,900	217,200	183,500	152,400	48
	50	68.2	104.5	218,300	207,900	175,500	145,700	50
	55	65.4	102.2	195,800	186,900	158,300	131,000	55
	60	62.4	99.5	176,800	169,400	143,900	118,700	60
	65	59.4	96.6	158,500	153,600	131,800	108,300	65
	70	56.3	93.3	142,300	138,200	121,300	99,400	70
	75	53.0	89.5	128,500	125,200	112,300	91,700	75
	80	49.6	85.3	116,500	113,900	104,400	85,000	80
	85	46.0	80.5	106,100	103,900	97,400	79,000	85
	90	42.2	75.1	97,000	95,200	91,200	73,700	90
	95	38.0	68.8	88,800	87,300	85,600	69,000	95
	100	33.3	61.4	80,700	79,500	78,400	64,700	100
	105	28.0	52.4	69,900	69,100	68,300	60,800	105

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BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
120	24	83.0	122.1	363,700				24
	25	82.5	122.0	361,400				25
	26	82.0	121.8	359,200	293,200			26
	27	81.6	121.7	357,000	291,800			27
	28	81.1	121.5	354,900	290,400			28
	29	80.6	121.3	352,900	289,000	257,100		29
	30	80.1	121.1	350,900	287,700	256,000		30
	32	79.1	120.7	344,300	285,200	254,000	222,200	32
	34	78.1	120.2	324,000	282,900	252,200	220,000	34
	36	77.2	119.7	305,700	280,700	248,600	207,700	36
	38	76.2	119.2	289,300	271,400	234,700	195,900	38
	40	75.2	118.7	274,500	258,200	222,200	185,200	40
	42	74.2	118.1	261,000	246,100	210,900	175,600	42
	44	73.2	117.4	248,700	235,000	200,700	166,900	44
	46	72.2	116.7	237,300	224,800	191,300	158,900	46
	48	71.2	116.0	226,900	215,300	182,700	151,600	48
	50	70.1	115.3	217,300	206,200	174,800	144,800	50
	55	67.6	113.2	195,000	185,400	157,600	130,200	55
	60	64.9	110.8	176,000	168,000	143,200	117,900	60
	65	62.2	108.2	160,000	153,300	131,100	107,500	65
130	70	59.5	105.2	144,100	139,500	120,700	98,700	70
	75	56.6	102.0	130,100	126,300	111,600	91,000	75
	80	53.6	98.3	118,100	115,000	103,700	84,200	80
	85	50.6	94.2	107,700	105,000	96,800	78,300	85
	90	47.3	89.6	98,500	96,300	90,500	73,000	90
	95	43.9	84.5	90,300	88,500	85,000	68,200	95
	100	40.2	78.7	83,000	81,500	80,000	64,000	100
	105	36.2	72.0	76,300	75,100	73,900	60,100	105
	110	31.8	64.2	69,600	68,600	67,600	56,600	110
	115	26.7	54.7	60,400	59,700	59,000	53,400	115
	26	82.7	131.9	350,700				26
	27	82.2	131.8	348,700				27
	28	81.8	131.6	346,700	283,300			28
	29	81.3	131.5	344,800	282,000			29
	30	80.9	131.3	343,000	280,800	245,300		30
	32	80.0	130.9	339,500	278,400	242,600	208,000	32
	34	79.1	130.5	323,500	276,200	240,000	206,000	34
	36	78.2	130.0	305,300	274,100	237,400	204,100	36
	38	77.3	129.5	288,900	269,800	234,500	195,700	38
	40	76.4	129.0	274,100	256,600	222,000	185,000	40
	42	75.4	128.5	260,600	244,700	210,800	175,400	42
	44	74.5	127.9	248,300	233,700	200,500	166,700	44
	46	73.6	127.3	237,000	223,500	191,200	158,700	46
	48	72.7	126.6	226,600	214,200	182,600	151,400	48
	50	71.7	125.9	217,000	205,100	174,700	144,700	50
	55	69.4	124.0	194,700	184,400	157,400	130,000	55
	60	67.0	121.9	175,800	167,100	143,100	117,700	60
	65	64.5	119.5	159,800	152,500	130,900	107,400	65
	70	62.1	116.9	146,200	140,000	120,500	98,500	70
	75	59.5	113.9	132,400	128,100	111,500	90,800	75
	80	56.9	110.7	120,300	116,700	103,600	84,100	80
	85	54.2	107.0	109,800	106,700	96,600	78,100	85
	90	51.3	103.1	100,500	97,900	90,400	72,800	90
	95	48.4	98.7	92,300	90,100	84,900	68,100	95
	100	45.3	93.8	85,000	83,200	79,900	63,800	100
	105	42.0	88.3	78,400	76,800	75,300	60,000	105
	110	38.5	82.1	72,400	71,100	69,800	56,500	110
	115	34.7	75.1	66,900	65,800	64,800	53,300	115
	120	30.5	66.8	61,000	60,200	59,400	50,300	120
	125	25.6	56.9	53,200	52,600	51,900	47,600	125

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140	27	82.8	141.9	341,800				27
	28	82.4	141.8	340,000				28
	29	81.9	141.6	338,200	275,900			29
	30	81.5	141.4	336,400	274,700			30
	32	80.7	141.1	333,100	272,400	227,800		32
	34	79.9	140.7	322,500	270,300	225,400	192,700	34
	36	79.0	140.3	304,300	267,500	223,100	191,000	36
	38	78.2	139.8	287,900	264,400	220,900	189,300	38
	40	77.4	139.3	273,100	254,500	218,700	184,200	40
	42	76.5	138.8	259,600	242,600	210,000	174,600	42
	44	75.7	138.3	247,300	231,700	199,800	165,800	44
	46	74.8	137.7	236,000	221,600	190,400	157,900	46
	48	74.0	137.1	225,600	212,300	181,800	150,600	48
	50	73.1	136.5	216,000	203,400	174,000	143,800	50
	55	70.9	134.7	193,900	182,800	156,700	129,200	55
	60	68.7	132.8	174,900	165,700	142,400	116,900	60
	65	66.5	130.6	159,000	151,100	130,200	106,600	65
	70	64.2	128.2	145,400	138,700	119,800	97,700	70
	75	61.9	125.5	133,600	127,800	110,800	90,000	75
	80	59.5	122.6	121,300	117,300	102,900	83,300	80
	85	57.1	119.3	110,700	107,200	95,900	77,300	85
	90	54.6	115.8	101,400	98,400	89,700	72,100	90
	95	52.0	111.9	93,100	90,600	84,200	67,300	95
	100	49.3	107.6	85,800	83,700	79,200	63,100	100
	105	46.5	102.9	79,200	77,400	74,700	59,200	105
150	110	43.5	97.7	73,200	71,700	70,100	55,700	110
	115	40.4	91.9	67,800	66,500	65,200	52,500	115
	120	37.0	85.4	62,800	61,700	60,600	49,600	120
	125	33.4	78.0	58,100	57,200	56,300	46,900	125
	130	29.3	69.4	53,000	52,300	51,500	44,400	130
	28	82.9	151.9	302,400				28
	29	82.5	151.7	300,500				29
	30	82.1	151.6	298,600				30
	32	81.3	151.2	295,000	223,900			32
	34	80.6	150.9	291,500	221,800	191,000		34
	36	79.8	150.5	288,300	219,900	189,600	166,600	36
	38	79.0	150.1	285,200	218,100	188,200	165,500	38
	40	78.2	149.6	272,300	216,300	186,800	163,000	40
	42	77.4	149.2	258,800	214,200	183,300	160,300	42
	44	76.6	148.7	246,500	209,800	180,000	157,600	44
	46	75.8	148.1	235,200	205,600	176,800	155,000	46
	48	75.1	147.6	224,800	201,500	173,600	150,000	48
	50	74.3	147.0	215,200	197,600	170,600	143,200	50
	55	72.3	145.4	193,200	181,400	156,200	128,600	55
	60	70.2	143.6	174,200	164,300	141,900	116,300	60
	65	68.2	141.5	158,200	149,900	129,700	106,000	65
	70	66.1	139.3	144,600	137,500	119,300	97,100	70
	75	63.9	136.9	132,900	126,700	110,300	89,400	75
	80	61.8	134.2	122,600	117,300	102,400	82,700	80
	85	59.6	131.2	111,800	108,000	95,400	76,800	85
	90	57.3	128.0	102,400	99,100	89,200	71,500	90
	95	55.0	124.5	94,100	91,300	83,700	66,800	95
	100	52.6	120.7	86,700	84,300	78,700	62,500	100
	105	50.1	116.6	80,100	78,000	74,200	58,700	105
	110	47.5	112.0	74,100	72,300	70,100	55,200	110
	115	44.8	107.0	68,600	67,100	65,500	52,000	115
	120	42.0	101.5	63,700	62,300	61,000	49,000	120
	125	38.9	95.4	59,100	57,900	56,800	46,300	125
	130	35.7	88.6	54,800	53,900	52,900	43,800	130
	135	32.2	80.8	50,900	50,100	49,300	41,500	135
	140	28.3	71.8	46,300	45,600	45,000	39,400	140

LIFTCRANE BOOM CAPACITIES

M-250

BOOM NO. 44 WITH HEAVY LIFT TOP

167,000 LB. COUNTERWEIGHT

PEDESTAL MOUNT

0 DEGREE THRU 3 DEGREE STATIC MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
160	29	83.0	161.8	292,100				29
	30	82.6	161.7	290,300				30
	32	81.9	161.4	287,100	217,700			32
	34	81.1	161.0	284,000	215,900			34
	36	80.4	160.7	281,100	214,100	184,700		36
	38	79.7	160.3	278,300	212,400	183,400	160,600	38
	40	79.0	159.9	271,200	210,800	180,600	157,700	40
	42	78.2	159.4	257,700	206,800	177,100	154,900	42
	44	77.5	159.0	245,400	202,400	173,700	152,200	44
	46	76.8	158.5	234,200	198,200	170,500	149,600	46
	48	76.0	157.9	223,800	194,100	167,300	147,100	48
	50	75.3	157.4	214,200	190,200	164,300	142,400	50
	55	73.4	155.9	192,300	179,800	155,500	127,700	55
	60	71.5	154.2	173,300	162,800	141,100	115,500	60
	65	69.6	152.3	157,300	148,500	129,000	105,200	65
	70	67.7	150.3	143,700	136,100	118,600	96,300	70
	75	65.7	148.0	132,000	125,400	109,600	88,600	75
	80	63.7	145.5	121,800	116,000	101,700	81,900	80
	85	61.7	142.8	112,500	107,700	94,700	76,000	85
	90	59.6	139.9	103,000	99,400	88,500	70,700	90
	95	57.5	136.7	94,700	91,500	83,000	66,000	95
	100	55.3	133.3	87,200	84,500	78,000	61,700	100
	105	53.1	129.5	80,500	78,100	73,500	57,900	105
	110	50.7	125.4	74,500	72,400	69,400	54,400	110
	115	48.4	121.0	69,000	67,200	65,500	51,200	115
170	120	45.9	116.2	64,000	62,500	61,000	48,300	120
	125	43.3	110.9	59,500	58,100	56,800	45,600	125
	130	40.5	105.2	55,300	54,100	52,900	43,100	130
	135	37.6	98.8	51,400	50,300	49,400	40,800	135
	140	34.5	91.6	47,700	46,800	46,000	38,600	140
	145	31.1	83.5	44,300	43,600	42,800	36,600	145
	150	27.3	74.2	40,100	39,500	38,900	34,800	150
	30	83.0	171.8	284,100				30
	32	82.4	171.5	281,100				32
	34	81.7	171.2	278,300	211,100			34
	36	81.0	170.8	275,600	209,500	180,800		36
	38	80.3	170.5	273,100	207,900	178,600		38
	40	79.6	170.1	270,700	204,600	175,000	153,100	40
	42	78.9	169.7	257,400	200,100	171,600	150,300	42
	44	78.2	169.2	245,100	195,800	168,200	147,600	44
	46	77.5	168.8	233,100	191,600	165,000	145,000	46
	48	76.9	168.3	221,900	187,600	161,900	142,500	48
	50	76.2	167.8	211,800	183,700	158,800	140,000	50
	55	74.4	166.3	189,900	174,600	151,700	127,600	55
	60	72.6	164.8	172,100	161,900	141,000	115,400	60
	65	70.9	163.0	157,100	147,700	128,900	105,000	65
	70	69.1	161.1	143,500	135,500	118,500	96,200	70
	75	67.2	159.0	131,800	124,800	109,500	88,500	75
	80	65.4	156.7	121,600	115,500	101,600	81,800	80
	85	63.5	154.2	112,600	107,200	94,600	75,800	85
	90	61.6	151.5	104,300	99,900	88,400	70,600	90
	95	59.6	148.6	95,800	92,400	82,900	65,800	95
	100	57.6	145.4	88,300	85,300	77,900	61,600	100
	105	55.6	142.0	81,600	79,000	73,400	57,800	105
	110	53.5	138.3	75,500	73,200	69,300	54,300	110
	115	51.3	134.3	70,100	68,000	65,500	51,100	115
	120	49.1	130.0	65,100	63,300	61,600	48,100	120
	125	46.8	125.3	60,500	58,900	57,400	45,400	125
	130	44.4	120.2	56,300	54,900	53,600	43,000	130
	135	41.9	114.7	52,400	51,200	50,100	40,700	135
	140	39.2	108.7	48,800	47,800	46,800	38,500	140
	145	36.4	102.0	45,400	44,500	43,700	36,500	145
	150	33.4	94.6	42,300	41,500	40,700	34,700	150
	155	30.1	86.2	39,300	38,600	38,000	32,900	155
	160	26.5	76.5	35,500	34,900	34,400	31,300	160

LIFTCRANE BOOM CAPACITIES

M-250
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. COUNTERWEIGHT
PEDESTAL MOUNT
0 DEGREE THRU 3 DEGREE STATIC MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
180	32	82.8	181.6	274,600				32
	34	82.1	181.3	272,100				34
	36	81.5	181.0	269,700	204,400			36
	38	80.9	180.6	267,400	201,700	172,400		38
	40	80.2	180.3	265,200	197,200	168,800		40
	42	79.6	179.9	254,700	192,800	165,400	144,500	42
	44	78.9	179.5	241,000	188,500	162,100	142,400	44
	46	78.3	179.0	228,800	184,400	158,900	139,700	46
	48	77.6	178.6	217,700	180,500	155,800	137,200	48
	50	76.9	178.1	207,700	176,600	152,800	134,800	50
	55	75.3	176.8	186,200	167,600	145,700	126,800	55
	60	73.6	175.3	168,600	158,000	139,100	114,600	60
	65	72.0	173.6	153,900	145,000	128,200	104,200	65
	70	70.3	171.8	141,400	133,800	117,800	95,400	70
	75	68.6	169.9	130,600	123,500	108,800	87,700	75
	80	66.8	167.7	120,700	114,200	100,900	81,000	80
	85	65.1	165.4	111,700	106,000	93,900	75,100	85
	90	63.3	162.9	103,700	98,700	87,700	69,800	90
	95	61.5	160.2	96,100	92,100	82,200	65,100	95
	100	59.6	157.2	88,500	85,200	77,200	60,800	100
	105	57.8	154.1	81,800	78,900	72,700	57,000	105
	110	55.8	150.7	75,700	73,100	68,600	53,500	110
	115	53.9	147.0	70,200	67,900	64,900	50,300	115
	120	51.8	143.1	65,200	63,200	61,300	47,400	120
	125	49.8	138.9	60,600	58,800	57,100	44,700	125
	130	47.6	134.4	56,400	54,800	53,300	42,200	130
	135	45.4	129.5	52,500	51,100	49,800	39,900	135
	140	43.1	124.2	48,900	47,700	46,500	37,800	140
	145	40.6	118.4	45,500	44,500	43,400	35,800	145
	150	38.1	112.1	42,400	41,500	40,600	33,900	150
190	155	35.4	105.2	39,500	38,700	37,900	32,200	155
	160	32.4	97.4	36,700	36,000	35,300	30,500	160
	165	29.2	88.7	34,000	33,500	32,900	29,000	165
	170	25.7	78.7	30,500	30,000	29,600	27,500	170
	34	82.6	191.4	241,300				34
	36	81.9	191.1	238,800	175,900			36
	38	81.3	190.8	236,500	174,600			38
	40	80.7	190.4	234,200	173,200	144,900		40
	42	80.1	190.1	232,000	171,600	142,600		42
	44	79.5	189.7	229,900	168,500	140,300	119,900	44
	46	78.9	189.3	225,700	165,500	138,100	118,200	46
	48	78.3	188.8	214,700	162,600	135,900	116,400	48
	50	77.6	188.4	204,700	159,800	133,800	114,800	50
	55	76.1	187.1	183,300	153,100	128,700	110,700	55
	60	74.5	185.7	165,800	146,800	123,900	106,900	60
	65	72.9	184.2	151,300	140,900	119,300	103,300	65
	70	71.4	182.5	138,900	131,000	115,000	94,800	70
	75	69.7	180.6	128,300	121,400	108,200	87,100	75
	80	68.1	178.6	119,000	113,000	100,300	80,400	80
	85	66.5	176.4	110,800	104,900	93,400	74,400	85
	90	64.8	174.1	102,900	97,600	87,200	69,200	90
	95	63.1	171.5	95,800	91,100	81,700	64,500	95
	100	61.4	168.8	88,900	85,200	76,700	60,200	100
	105	59.7	165.9	82,100	79,000	72,200	56,400	105
	110	57.9	162.7	76,000	73,200	68,100	52,900	110
	115	56.1	159.4	70,400	68,000	64,300	49,700	115
	120	54.2	155.8	65,400	63,200	60,900	46,800	120
	125	52.3	151.9	60,800	58,900	57,000	44,100	125
	130	50.3	147.8	56,600	54,800	53,200	41,600	130
	135	48.3	143.4	52,700	51,100	49,700	39,300	135
	140	46.2	138.6	49,100	47,700	46,400	37,200	140
	145	44.1	133.5	45,700	44,500	43,300	35,200	145
	150	41.8	127.9	42,600	41,500	40,500	33,300	150
	155	39.5	121.9	39,700	38,700	37,800	31,600	155
	160	37.0	115.4	36,900	36,100	35,300	29,900	160
	165	34.4	108.2	34,400	33,600	32,900	28,400	165
	170	31.5	100.2	31,900	31,300	30,600	27,000	170
	175	28.4	91.2	29,500	29,000	28,500	25,600	175

LIFTCRANE BOOM CAPACITIES

M-250

BOOM NO. 44 WITH HEAVY LIFT TOP

167,000 LB. COUNTERWEIGHT

PEDESTAL MOUNT

0 DEGREE THRU 3 DEGREE STATIC MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
200	34	82.9	201.5	233,400				34
	36	82.4	201.2	231,200				36
	38	81.8	200.9	229,100	169,200			38
	40	81.2	200.6	227,100	168,000			40
	42	80.6	200.2	225,200	164,800	137,100		42
	44	80.0	199.9	223,200	161,700	134,800	115,300	44
	46	79.4	199.5	218,200	158,700	132,500	113,500	46
	48	78.9	199.1	211,900	155,800	130,300	111,700	48
	50	78.3	198.6	201,900	153,000	128,200	110,000	50
	55	76.8	197.4	180,500	146,300	123,000	105,900	55
	60	75.3	196.1	163,100	140,000	118,200	102,000	60
	65	73.8	194.7	148,700	134,100	113,600	98,400	65
	70	72.3	193.1	136,400	128,100	109,300	94,000	70
	75	70.8	191.3	125,900	118,700	105,200	86,300	75
	80	69.3	189.4	116,700	110,400	99,600	79,600	80
	85	67.7	187.4	108,600	103,100	92,700	73,600	85
	90	66.2	185.1	101,400	96,400	86,500	68,400	90
	95	64.6	182.8	94,900	89,900	81,000	63,700	95
	100	63.0	180.2	88,500	84,100	76,000	59,400	100
	105	61.3	177.5	82,200	78,700	71,500	55,600	105
	110	59.7	174.5	76,100	73,100	67,400	52,100	110
	115	58.0	171.4	70,500	67,800	63,700	48,900	115
	120	56.3	168.1	65,400	63,000	60,200	46,000	120
	125	54.5	164.5	60,700	58,600	56,600	43,300	125
	130	52.7	160.7	56,500	54,600	52,800	40,800	130
	135	50.9	156.7	52,600	50,900	49,200	38,500	135
	140	49.0	152.3	49,000	47,400	46,000	36,400	140
	145	47.0	147.7	45,600	44,300	42,900	34,400	145
	150	45.0	142.7	42,500	41,300	40,100	32,500	150
	155	42.9	137.4	39,600	38,500	37,400	30,800	155
	160	40.7	131.6	36,800	35,900	34,900	29,200	160
	165	38.4	125.4	34,300	33,400	32,600	27,600	165
	170	36.0	118.6	31,800	31,100	30,300	26,200	170
	175	33.4	111.2	29,500	28,900	28,200	24,800	175
	180	30.7	102.9	27,300	26,800	26,200	23,600	180
	185	27.7	93.6	25,200	24,700	24,300	22,300	185
210	36	82.7	211.3	225,300				36
	38	82.2	211.0	223,500				38
	40	81.6	210.7	221,700	161,500			40
	42	81.1	210.4	219,300	158,400			42
	44	80.5	210.0	214,300	155,400	129,700		44
	46	80.0	209.7	209,400	152,500	127,500	109,400	46
	48	79.4	209.3	204,700	149,600	125,300	107,600	48
	50	78.8	208.9	199,100	146,800	123,200	105,900	50
	55	77.4	207.7	177,900	140,100	118,000	101,800	55
	60	76.0	206.5	160,700	133,900	113,200	97,900	60
	65	74.6	205.1	146,400	128,000	108,700	94,200	65
	70	73.2	203.6	134,300	122,500	104,400	90,700	70
	75	71.8	201.9	123,900	116,400	100,300	86,000	75
	80	70.3	200.1	114,900	108,300	96,400	79,300	80
	85	68.8	198.2	106,900	101,200	92,500	73,400	85
	90	67.4	196.1	99,800	94,700	86,300	68,100	90
	95	65.9	193.8	93,500	89,000	80,800	63,400	95
	100	64.4	191.4	87,700	83,500	75,800	59,200	100
	105	62.8	188.9	82,400	78,200	71,300	55,400	105
	110	61.3	186.1	76,600	73,300	67,200	51,900	110
	115	59.7	183.2	71,000	68,100	63,500	48,700	115
	120	58.1	180.1	65,900	63,300	60,000	45,800	120
	125	56.4	176.8	61,200	58,900	56,700	43,100	125
	130	54.8	173.3	57,000	54,900	52,900	40,600	130
	135	53.1	169.5	53,000	51,200	49,400	38,300	135
	140	51.3	165.5	49,400	47,800	46,100	36,200	140
	145	49.5	161.3	46,100	44,600	43,100	34,200	145
	150	47.7	156.7	42,900	41,600	40,300	32,300	150
	155	45.8	151.9	40,000	38,800	37,600	30,600	155
	160	43.8	146.7	37,300	36,200	35,100	28,900	160
	165	41.8	141.2	34,700	33,800	32,800	27,400	165
	170	39.7	135.2	32,300	31,500	30,600	26,000	170
	175	37.4	128.7	30,100	29,300	28,500	24,600	175
	180	35.1	121.7	27,900	27,200	26,500	23,300	180
	185	32.6	114.0	25,800	25,200	24,600	22,100	185
	190	29.9	105.5	23,900	23,300	22,800	21,000	190
	195	27.0	96.0	22,000	21,500	21,100	19,900	195

LIFTCRANE BOOM CAPACITIES

M-250
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. COUNTERWEIGHT
PEDESTAL MOUNT
0 DEGREE THRU 3 DEGREE STATIC MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
2 2 0	38	82.5	221.1	217,300				38
	40	82.0	220.8	214,800	159,000			40
	42	81.5	220.5	209,800	155,800			42
	44	80.9	220.2	205,000	152,700	127,200		44
	46	80.4	219.8	200,200	149,700	124,900		46
	48	79.9	219.5	195,600	146,800	122,700	101,700	48
	50	79.4	219.1	191,200	143,900	120,500	101,600	50
	55	78.0	218.0	174,800	137,100	115,300	99,300	55
	60	76.7	216.8	157,700	130,800	110,400	95,300	60
	65	75.3	215.5	143,600	124,800	105,700	91,500	65
	70	74.0	214.0	131,600	119,200	101,300	87,900	70
	75	72.6	212.5	121,300	113,500	97,100	84,500	75
	80	71.2	210.8	112,400	105,600	93,200	78,600	80
	85	69.9	208.9	104,600	98,600	89,400	72,600	85
	90	68.5	206.9	97,600	92,300	85,600	67,400	90
	95	67.0	204.8	91,300	86,600	80,100	62,700	95
	100	65.6	202.5	85,700	81,500	75,100	58,400	100
	105	64.2	200.1	80,600	76,800	70,600	54,600	105
	110	62.7	197.5	75,900	72,200	66,500	51,100	110
	115	61.2	194.8	70,800	67,700	62,800	47,900	115
	120	59.7	191.9	65,700	62,900	59,400	45,000	120
	125	58.2	188.8	61,000	58,500	56,200	42,300	125
	130	56.6	185.5	56,700	54,500	52,400	39,800	130
	135	55.0	182.0	52,800	50,800	48,900	37,500	135
	140	53.4	178.3	49,100	47,300	45,600	35,400	140
	145	51.7	174.3	45,800	44,100	42,600	33,400	145
	150	50.1	170.2	42,600	41,200	39,700	31,600	150
	155	48.3	165.7	39,700	38,400	37,100	29,800	155
	160	46.5	161.0	37,000	35,800	34,600	28,200	160
	165	44.7	156.0	34,400	33,400	32,300	26,700	165
	170	42.8	150.6	32,000	31,100	30,100	25,200	170
	175	40.8	144.9	29,800	28,900	28,000	23,900	175
	180	38.7	138.7	27,600	26,800	26,100	22,600	180
	185	36.5	132.0	25,600	24,900	24,200	21,400	185
	190	34.2	124.8	23,700	23,000	22,400	20,200	190
	195	31.8	116.9	21,800	21,300	20,700	19,100	195
	200	29.2	108.1	20,000	19,500	19,100	18,100	200
	205	26.3	98.3	18,300	17,900	17,500	17,100	205



LIFTCRANE BOOM CAPACITIES

M-250

BOOM NO. 44 WITH HEAVY LIFT TOP

167,000 LB. COUNTERWEIGHT

PEDESTAL MOUNT

0 DEGREE THRU 3 DEGREE STATIC MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
2 3 0	38	82.9	231.2	193,200				38
	40	82.4	231.0	191,600				40
	42	81.8	230.6	190,000	138,800			42
	44	81.3	230.3	188,500	136,700			44
	46	80.8	230.0	187,100	134,600	109,100		46
	48	80.3	229.6	183,900	132,500	107,800		48
	50	79.8	229.3	180,200	130,400	106,300	85,600	50
	55	78.6	228.2	170,900	125,300	102,500	85,300	55
	60	77.3	227.1	155,700	120,500	98,900	83,300	60
	65	76.0	225.8	141,600	115,900	95,500	80,600	65
	70	74.7	224.5	129,600	111,300	92,200	78,000	70
	75	73.4	223.0	119,400	106,700	89,100	75,500	75
	80	72.1	221.3	110,500	102,200	86,000	73,100	80
	85	70.8	219.6	102,700	96,500	82,900	70,700	85
	90	69.4	217.7	95,800	90,300	79,800	66,700	90
	95	68.1	215.7	89,600	84,700	76,800	62,000	95
	100	66.7	213.5	84,000	79,600	73,800	57,800	100
	105	65.4	211.2	79,000	75,000	70,100	54,000	105
	110	64.0	208.8	74,400	70,800	66,000	50,500	110
	115	62.6	206.2	70,100	66,900	62,200	47,300	115
	120	61.2	203.5	65,700	62,800	58,800	44,400	120
	125	59.7	200.5	61,000	58,400	55,700	41,700	125
	130	58.3	197.4	56,700	54,300	52,000	39,200	130
	135	56.8	194.2	52,700	50,600	48,500	36,900	135
	140	55.2	190.7	49,100	47,100	45,200	34,800	140
	145	53.7	187.0	45,700	43,900	42,200	32,800	145
	150	52.1	183.2	42,500	40,900	39,400	30,900	150
	155	50.5	179.0	39,600	38,100	36,700	29,200	155
	160	48.9	174.7	36,900	35,500	34,200	27,600	160
	165	47.2	170.1	34,300	33,100	31,900	26,100	165
	170	45.4	165.2	31,900	30,800	29,700	24,600	170
	175	43.6	160.0	29,600	28,600	27,700	23,300	175
	180	41.8	154.4	27,500	26,600	25,700	22,000	180
	185	39.8	148.5	25,500	24,700	23,900	20,800	185
	190	37.8	142.1	23,500	22,800	22,100	19,600	190
	195	35.7	135.2	21,700	21,100	20,400	18,500	195
	200	33.5	127.7	20,000	19,400	18,800	17,500	200
	205	31.1	119.6	18,300	17,800	17,300	16,500	205
	210	28.5	110.6	16,700	16,200	15,800	15,300	210
	215	25.7	100.5	15,100	14,700	14,300	14,000	215

LIFTCRANE BOOM CAPACITIES

M-250

BOOM NO. 44 WITH HEAVY LIFT TOP

167,000 LB. COUNTERWEIGHT

PEDESTAL MOUNT

0 DEGREE THRU 3 DEGREE STATIC MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
240	40	82.7	241.1	185,800				40
	42	82.2	240.8	184,400				42
	44	81.7	240.5	181,900	130,100			44
	46	81.2	240.1	178,400	127,900			46
	48	80.7	239.8	174,900	125,800	98,500		48
	50	80.3	239.4	171,300	123,700	98,300		50
	55	79.0	238.5	162,500	118,700	97,200	76,600	55
	60	77.8	237.4	153,000	113,900	93,600	76,200	60
	65	76.6	236.2	139,000	109,300	90,100	75,800	65
	70	75.4	234.9	127,100	104,900	86,800	73,400	70
	75	74.1	233.4	117,000	100,500	83,600	70,900	75
	80	72.9	231.9	108,200	96,200	80,500	68,400	80
	85	71.6	230.2	100,500	92,000	77,500	66,000	85
	90	70.3	228.4	93,600	87,900	74,600	63,700	90
	95	69.1	226.5	87,500	82,400	71,700	61,200	95
	100	67.8	224.4	82,000	77,400	68,800	57,000	100
	105	66.5	222.3	77,000	72,900	66,000	53,200	105
	110	65.2	219.9	72,500	68,700	63,200	49,700	110
	115	63.8	217.5	68,300	64,900	60,600	46,500	115
	120	62.5	214.9	64,500	61,400	57,900	43,600	120
	125	61.1	212.1	60,700	57,900	54,900	40,900	125
	130	59.7	209.2	56,300	53,800	51,400	38,400	130
	135	58.3	206.1	52,400	50,000	47,800	36,100	135
	140	56.9	202.9	48,700	46,600	44,600	34,000	140
	145	55.5	199.4	45,300	43,400	41,600	32,000	145
	150	54.0	195.8	42,100	40,400	38,700	30,200	150
	155	52.5	191.9	39,200	37,600	36,100	28,400	155
	160	50.9	187.9	36,400	35,000	33,600	26,800	160
	165	49.4	183.6	33,900	32,600	31,300	25,300	165
	170	47.8	179.1	31,500	30,300	29,100	23,900	170
240	175	46.1	174.3	29,200	28,100	27,100	22,500	175
	180	44.4	169.2	27,100	26,100	25,100	21,200	180
	185	42.6	163.8	25,000	24,100	23,300	20,000	185
	190	40.8	158.1	23,100	22,300	21,500	18,900	190
	195	38.9	152.0	21,300	20,600	19,800	17,800	195
	200	37.0	145.4	19,600	18,900	18,300	16,700	200
	205	34.9	138.3	17,900	17,300	16,700	15,700	205
	210	32.7	130.6	16,300	15,800	15,300	14,800	210
	215	30.4	122.3	14,800	14,300	13,900	13,400	215
	220	27.9	113.0	13,300	12,900	12,500	12,100	220
225	25.1	102.7	11,900	11,500	11,200	10,800	10,400	225

LIFTCRANE BOOM CAPACITIES

M-250
BOOM NO. 44 WITH HEAVY LIFT TOP
167,000 LB. COUNTERWEIGHT
PEDESTAL MOUNT
0 DEGREE THRU 3 DEGREE STATIC MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
250	40	83.0	251.1	179,100				40
	42	82.5	250.9	177,900				42
	44	82.0	250.6	174,900	121,100			44
	46	81.6	250.3	171,600	120,800			46
	48	81.1	249.9	168,200	120,400			48
	50	80.6	249.6	164,900	119,400	90,300		50
	55	79.5	248.7	156,500	114,500	89,700	70,200	55
	60	78.3	247.6	148,300	109,700	89,200	69,900	60
	65	77.1	246.5	139,300	105,200	87,000	69,500	65
	70	76.0	245.2	127,400	100,900	83,700	69,100	70
	75	74.8	243.8	117,300	96,600	80,500	68,500	75
	80	73.6	242.4	108,500	92,400	77,500	66,100	80
	85	72.4	240.8	100,800	88,400	74,500	63,700	85
	90	71.2	239.0	94,000	84,500	71,700	61,400	90
	95	69.9	237.2	87,900	80,700	68,800	59,100	95
	100	68.7	235.3	82,400	77,100	66,000	57,000	100
	105	67.5	233.2	77,500	73,200	63,300	54,000	105
	110	66.2	231.0	73,000	69,100	60,700	50,500	110
	115	64.9	228.6	68,800	65,300	58,100	47,300	115
	120	63.7	226.2	65,000	61,800	55,600	44,400	120
	125	62.4	223.5	61,500	58,600	53,100	41,700	125
	130	61.1	220.8	58,200	55,500	50,800	39,300	130
	135	59.7	217.9	54,200	51,800	48,400	37,000	135
	140	58.4	214.8	50,500	48,300	46,200	34,800	140
	145	57.0	211.5	47,100	45,100	43,100	32,900	145
	150	55.6	208.1	43,900	42,100	40,300	31,000	150
	155	54.2	204.5	41,000	39,300	37,600	29,300	155
	160	52.8	200.7	38,200	36,700	35,200	27,700	160
	165	51.3	196.7	35,600	34,200	32,800	26,100	165
	170	49.8	192.5	33,200	31,900	30,700	24,700	170
	175	48.3	188.1	30,900	29,800	28,600	23,300	175
	180	46.7	183.4	28,800	27,700	26,700	22,100	180
	185	45.1	178.4	26,800	25,800	24,800	20,900	185
	190	43.4	173.2	24,900	24,000	23,100	19,700	190
	195	41.7	167.6	23,100	22,200	21,400	18,600	195
	200	40.0	161.7	21,300	20,600	19,800	17,600	200
	205	38.1	155.4	19,700	19,000	18,300	16,600	205
	210	36.2	148.6	18,100	17,500	16,900	15,700	210
	215	34.2	141.4	16,600	16,100	15,500	14,800	215
	220	32.0	133.5	15,200	14,700	14,200	13,700	220
	225	29.7	124.9	13,800	13,300	12,900	12,500	225
	230	27.3	115.4	12,400	12,000	11,600	11,200	230

LIFTCRANE BOOM CAPACITIES

M-250

BOOM NO. 44 WITH HEAVY LIFT TOP

167,000 LB. COUNTERWEIGHT

PEDESTAL MOUNT

0 DEGREE THRU 3 DEGREE STATIC MACHINE LIST

BOOM LGTH. FEET	OPER. RAD. FEET	BOOM ANG. DEG.	BOOM POINT ELEV. FEET	BOOM CAPACITY 0 DEGREE LIST POUNDS	BOOM CAPACITY 1 DEGREE LIST POUNDS	BOOM CAPACITY 2 DEGREE LIST POUNDS	BOOM CAPACITY 3 DEGREE LIST POUNDS	OPER. RAD. FEET
260	42	82.8	261.0	169,400				42
	44	82.4	260.7	166,100				44
	46	81.9	260.4	162,800	110,200			46
	48	81.5	260.1	159,700	109,800			48
	50	81.0	259.7	156,500	109,500	81,700		50
	55	79.9	258.8	148,500	108,400	81,200	63,000	55
	60	78.8	257.8	140,700	103,700	80,700	62,700	60
	65	77.6	256.7	133,100	99,200	80,200	62,400	65
	70	76.5	255.5	125,100	94,900	78,800	62,000	70
	75	75.4	254.2	115,000	90,800	75,600	61,700	75
	80	74.2	252.8	106,300	86,800	72,600	61,300	80
	85	73.1	251.3	98,700	82,900	69,600	59,500	85
	90	71.9	249.6	91,900	79,100	66,800	57,100	90
	95	70.7	247.9	85,900	75,500	64,100	54,900	95
	100	69.6	246.0	80,500	72,000	61,400	52,700	100
	105	68.4	244.0	75,600	68,600	58,800	50,600	105
	110	67.2	241.9	71,100	65,300	56,200	48,600	110
	115	66.0	239.7	67,100	62,200	53,700	46,600	115
	120	64.8	237.3	63,300	59,100	51,300	43,700	120
	125	63.5	234.8	59,900	56,200	48,900	41,000	125
	130	62.3	232.2	56,600	53,400	46,600	38,500	130
	135	61.0	229.4	53,600	50,700	44,400	36,200	135
	140	59.8	226.5	50,100	47,700	42,200	34,100	140
	145	58.5	223.4	46,700	44,500	40,100	32,100	145
	150	57.1	220.2	43,500	41,500	38,000	30,300	150
	155	55.8	216.8	40,500	38,700	36,000	28,500	155
	160	54.5	213.3	37,700	36,100	34,100	26,900	160
	165	53.1	209.5	35,200	33,600	32,200	25,400	165
	170	51.7	205.6	32,700	31,300	30,000	24,000	170
	175	50.2	201.4	30,500	29,200	27,900	22,600	175
	180	48.8	197.1	28,300	27,100	26,000	21,300	180
	185	47.3	192.5	26,300	25,200	24,200	20,100	185
	190	45.8	187.6	24,400	23,400	22,400	19,000	190
	195	44.2	182.5	22,600	21,700	20,800	17,900	195
	200	42.6	177.1	20,900	20,000	19,200	16,800	200
	205	40.9	171.3	19,200	18,500	17,700	15,900	205
	210	39.1	165.2	17,700	17,000	16,300	14,700	210
	215	37.3	158.7	16,200	15,500	14,900	13,300	215
	220	35.4	151.8	14,700	14,200	13,600	11,900	220
	225	33.5	144.3	13,400	12,800	12,100	10,500	225
	230	31.4	136.3	12,000	11,600	10,600	9,100	230
	235	29.1	127.5	10,800	10,300	9,000	7,600	235
	240	26.7	117.8	9,500	8,800	7,400	6,200	240