

Liftcrane Boom Capacities

Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Hanging Counterweight
Rating Over Front of Blocked Crawlers
No Travel - Limited Swing

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250
or M-250

LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load over front of machine with crawlers blocked. Capacities based on structural competence are denoted by an asterisk (*).

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum boom capacity to raise hanging counterweight free of ground support is required for swing. Do not allow hanging counterweight to contact ground while swinging.

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. Whip line operation is not allowed where minimum boom capacity to swing exceeds 30,000 Lbs. for single part line or 60,000 Lbs. for two part line or whip line load.

Weight of jib, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib 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 in a level position on a firm uniformly supporting surface with gantry and mast up and front tumbler properly blocked so that centerline of idler tumbler becomes tipping fulcrum. Travel drive must be to rear of machine. Swing is limited to that sector shown on Operating Range Diagram **No. 7582-A** or **No. 8029-A**. Refer to boom rigging **No. 175604** or **No. 192107**,

Wire Rope Specification chart **No. 7581-D** and Counterweight Arrangement chart **No. 7692-A** or **No. 8026-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 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 ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with MAX-ER 225, 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 130 Ft. mast, 8 part boom hoist reeving, four 1-1/2 in. boom pendants or boom support straps, 169,200 Lb. (2250) crane counterweight or 167,000 Lb. (M-250) crane counterweight, two 30,000 Lb. carbody counterweights and 225,000 Lb. hanging counterweight.

WARNING: Check amount of hanging counterweight on machine before use of this chart. Refer to Counterweight Assembly.

Consult jib chart for jib capacities. Upper boom point cannot be used when jib is attached.

Maximum Boom and Jib Lengths Lifted Unassisted Over Front of Blocked Crawlers	
Boom Length	Jib No. 132
340 Ft.	---
340 Ft.	120 Ft.
Load block, hook and weight ball on ground at start.	

Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 132
40 Ft.	6,400 Lbs.
60 Ft.	8,200 Lbs.
80 Ft.	10,300 Lbs.
100 Ft.	12,800 Lbs.
120 Ft.	15,300 Lbs.



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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Minimum Boom Capacity to Swing Pounds	Boom Capacity Pounds
140 Ft. BOOM				
30	81.1	147.9	369,600	498,000 *
32	80.2	147.5	337,700	497,000 *
34	79.4	147.1	310,500	482,100 *
36	78.6	146.6	287,000	455,600 *
38	77.7	146.2	266,500	431,700 *
40	76.9	145.7	248,400	410,100 *
42	76.0	145.2	232,400	390,500 *
44	75.2	144.6	218,200	372,500 *
46	74.3	144.0	205,400	356,100 *
48	73.5	143.4	193,800	340,900 *
50	72.6	142.7	183,300	327,000 *
55	70.4	141.0	160,900	296,300 *
60	68.2	138.9	142,700	270,600 *
65	66.0	136.7	127,600	248,700 *
70	63.7	134.2	114,900	229,800 *
75	61.4	131.5	104,000	213,400 *
80	59.0	128.5	94,600	198,900 *
85	56.5	125.2	86,400	186,200 *
90	54.0	121.6	79,200	174,800 *
95	51.4	117.6	72,800	164,500 *
100	48.7	113.2	67,100	155,300 *
105	45.9	108.4	62,000	146,900 *
110	42.9	103.1	57,300	139,200 *
115	39.7	97.2	53,100	130,300 *
120	36.3	90.5	49,200	122,100 *
125	32.5	82.8	45,600	114,400 *
130	28.3	73.9	42,300	107,100 *
160 Ft. BOOM				
32	81.5	167.8	342,500	496,000 *
34	80.7	167.5	314,500	481,000 *
36	80.0	167.1	290,400	454,500 *
38	79.3	166.7	269,400	430,600 *
40	78.6	166.2	251,000	409,100 *
42	77.8	165.8	234,700	389,400 *
44	77.1	165.3	220,100	371,500 *
46	76.3	164.8	207,100	355,100 *
48	75.6	164.3	195,300	339,900 *
50	74.9	163.7	184,600	326,000 *
55	73.0	162.1	161,800	295,400 *
60	71.1	160.4	143,300	269,700 *
65	69.2	158.5	128,000	247,800 *
70	67.2	156.4	115,100	228,900 *
75	65.3	154.1	104,100	212,500 *
80	63.3	151.6	94,700	198,100 *
85	61.2	148.8	86,400	185,400 *
90	59.1	145.8	79,100	174,000 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Minimum Boom Capacity to Swing Pounds	Boom Capacity Pounds
160 Ft. BOOM				
95	57.0	142.6	72,700	163,800 *
100	54.8	139.1	66,900	154,600 *
105	52.6	135.3	61,700	146,200 *
110	50.2	131.1	57,000	138,600 *
115	47.8	126.6	52,800	131,600 *
120	45.3	121.7	48,900	125,200 *
125	42.7	116.3	45,300	119,300 *
130	39.9	110.4	42,000	113,100 *
135	37.0	103.9	39,000	106,500 *
140	33.8	96.6	36,200	100,300 *
145	30.3	88.2	33,600	94,400 *
150	26.4	78.5	31,100	88,800 *
180 Ft. BOOM				
32	82.4	188.1	346,200	495,000 *
34	81.8	187.7	317,400	478,000 *
36	81.1	187.4	292,500	451,500 *
38	80.5	187.1	270,900	427,700 *
40	79.8	186.7	252,000	406,100 *
42	79.2	186.3	235,200	386,400 *
44	78.5	185.8	220,200	368,500 *
46	77.9	185.4	206,800	352,100 *
48	77.2	184.9	194,800	336,900 *
50	76.6	184.4	183,800	323,000 *
55	74.9	183.1	160,400	292,300 *
60	73.3	181.5	141,500	266,600 *
65	71.6	179.9	125,900	244,700 *
70	69.9	178.0	112,700	225,800 *
75	68.2	176.0	101,500	209,400 *
80	66.4	173.8	91,900	195,000 *
85	64.7	171.5	83,400	182,200 *
90	62.9	168.9	76,000	170,900 *
95	61.1	166.1	69,500	160,600 *
100	59.2	163.2	63,600	151,400 *
105	57.3	160.0	58,400	143,100 *
110	55.4	156.5	53,600	135,400 *
115	53.4	152.8	49,300	128,500 *
120	51.4	148.8	45,400	122,000 *
125	49.3	144.6	41,700	116,100 *
130	47.1	139.9	38,400	110,700 *
135	44.9	134.9	35,400	105,600 *
140	42.5	129.5	32,500	100,900 *
145	40.1	123.7	29,900	95,600 *
150	37.5	117.2	27,400	90,200 *
155	34.7	110.1	25,100	85,000 *
160	31.7	102.2	23,000	80,200 *
165	28.5	93.3	20,900	75,500 *



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Meets
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Requirements

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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Minimum Boom Capacity to Swing Pounds	Boom Capacity Pounds
200 Ft. BOOM				
34	82.6	208.0	323,100	477,300 *
36	82.0	207.7	297,500	450,800 *
38	81.5	207.4	275,300	427,000 *
40	80.9	207.0	255,800	405,400 *
42	80.3	206.6	238,600	385,700 *
44	79.7	206.3	223,300	367,800 *
46	79.1	205.9	209,600	351,400 *
48	78.5	205.4	197,200	336,200 *
50	78.0	205.0	186,000	322,300 *
55	76.5	203.8	162,100	291,600 *
60	75.0	202.4	142,800	265,900 *
65	73.5	200.9	126,900	244,000 *
70	72.0	199.3	113,500	225,200 *
75	70.5	197.5	102,100	208,700 *
80	68.9	195.6	92,300	194,300 *
85	67.4	193.5	83,700	181,500 *
90	65.8	191.3	76,200	170,100 *
95	64.2	188.8	69,500	159,900 *
100	62.6	186.2	63,600	150,700 *
105	61.0	183.5	58,200	142,300 *
110	59.3	180.5	53,400	134,700 *
115	57.6	177.3	49,100	127,700 *
120	55.9	173.9	45,100	121,300 *
125	54.1	170.3	41,400	115,400 *
130	52.3	166.5	38,100	109,900 *
135	50.4	162.4	35,000	104,900 *
140	48.5	158.0	32,100	100,200 *
145	46.6	153.2	29,400	95,800 *
150	44.5	148.2	26,900	91,600 *
155	42.4	142.8	24,600	87,800 *
160	40.2	136.9	22,500	83,500 *
165	37.9	130.6	20,400	78,900 *
170	35.5	123.6	18,500	74,600 *
175	32.8	116.0	16,700	70,500 *
180	30.0	107.6	15,000	66,500 *
185	26.9	98.0	13,300	62,700 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Minimum Boom Capacity to Swing Pounds	Boom Capacity Pounds
220 Ft. BOOM				
38	82.2	227.6	279,200	388,900 *
40	81.7	227.3	259,300	388,900 *
42	81.2	227.0	241,600	384,600 *
44	80.7	226.6	226,000	366,700 *
46	80.1	226.2	211,900	350,300 *
48	79.6	225.9	199,300	335,100 *
50	79.1	225.5	187,800	321,200 *
55	77.7	224.4	163,500	290,600 *
60	76.4	223.1	143,800	264,800 *
65	75.0	221.8	127,600	243,000 *
70	73.7	220.3	114,000	224,100 *
75	72.3	218.7	102,400	207,700 *
80	70.9	217.0	92,400	193,300 *
85	69.5	215.1	83,700	180,500 *
90	68.1	213.1	76,100	169,100 *
95	66.7	211.0	69,300	158,900 *
100	65.3	208.6	63,300	149,700 *
105	63.8	206.2	57,900	141,300 *
110	62.4	203.6	53,000	133,700 *
115	60.9	200.8	48,600	126,700 *
120	59.4	197.8	44,500	120,300 *
125	57.8	194.7	40,800	114,400 *
130	56.3	191.3	37,400	109,000 *
135	54.7	187.8	34,300	103,900 *
140	53.0	184.0	31,400	99,200 *
145	51.4	180.1	28,700	94,800 *
150	49.7	175.8	26,200	90,700 *
155	47.9	171.3	23,900	86,800 *
160	46.1	166.5	21,700	83,200 *
165	44.3	161.4	19,700	79,800 *
170	42.3	156.0	17,700	76,600 *
175	40.3	150.2	15,900	72,800 *
180	38.2	143.9	14,200	68,900 *
185	36.0	137.1	12,600	65,200 *
190	33.7	129.7	11,000	61,700 *
195	31.2	121.6	9,500	58,300 *
200	28.6	112.7	8,100	55,000 *
205	25.6	102.6	6,800	51,800 *



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Meets
ANSI B30.5
Requirements

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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Minimum Boom Capacity to Swing Pounds	Boom Capacity Pounds
240 Ft. BOOM				
40	82.4	247.5	263,000	369,300 *
42	81.9	247.2	245,000	369,300 *
44	81.4	246.9	228,900	366,100 *
46	81.0	246.6	214,600	349,700 *
48	80.5	246.2	201,700	334,600 *
50	80.0	245.8	190,000	320,600 *
55	78.8	244.8	165,200	290,000 *
60	77.5	243.7	145,200	264,300 *
65	76.3	242.5	128,700	242,400 *
70	75.1	241.2	114,800	223,500 *
75	73.8	239.7	103,100	207,100 *
80	72.6	238.1	92,900	192,700 *
85	71.3	236.4	84,100	180,000 *
90	70.1	234.6	76,400	168,600 *
95	68.8	232.7	69,500	158,400 *
100	67.5	230.6	63,400	149,100 *
105	66.2	228.4	58,000	140,800 *
110	64.9	226.0	53,000	133,200 *
115	63.5	223.5	48,500	126,200 *
120	62.2	220.9	44,500	119,800 *
125	60.8	218.1	40,700	113,900 *
130	59.4	215.1	37,300	108,400 *
135	58.0	212.0	34,100	103,400 *
140	56.6	208.7	31,200	98,600 *
145	55.1	205.2	28,500	94,200 *
150	53.6	201.6	26,000	90,100 *
155	52.1	197.7	23,600	86,300 *
160	50.6	193.6	21,400	82,700 *
165	49.0	189.3	19,300	79,300 *
170	47.4	184.7	17,400	76,100 *
175	45.7	179.8	15,600	73,000 *
180	44.0	174.7	13,800	70,200 *
185	42.3	169.2	12,200	67,400 *
190	40.4	163.4	10,600	63,900 *
195	38.5	157.2	9,200	60,600 *
200	36.5	150.5	7,800	57,400 *
205	34.4	143.3	6,400	54,300 *
210	32.2	135.5	5,200	51,400 *
215	29.9	126.9	3,900	48,500 *
220	27.3	117.5	2,800	45,800 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Minimum Boom Capacity to Swing Pounds	Boom Capacity Pounds
260 Ft. BOOM				
44	82.1	267.1	231,400	317,800 *
46	81.7	266.8	216,700	314,000 *
48	81.2	266.5	203,600	310,100 *
50	80.8	266.2	191,700	306,300 *
55	79.6	265.2	166,400	288,900 *
60	78.5	264.2	146,000	263,300 *
65	77.4	263.1	129,300	241,400 *
70	76.3	261.9	115,200	222,600 *
75	75.1	260.5	103,300	206,200 *
80	74.0	259.1	93,000	191,800 *
85	72.8	257.5	84,100	179,000 *
90	71.7	255.9	76,300	167,600 *
95	70.5	254.1	69,300	157,400 *
100	69.3	252.2	63,200	148,200 *
105	68.1	250.2	57,600	139,900 *
110	66.9	248.1	52,600	132,300 *
115	65.7	245.8	48,100	125,300 *
120	64.5	243.4	44,000	118,900 *
125	63.3	240.9	40,200	113,000 *
130	62.0	238.2	36,800	107,500 *
135	60.7	235.4	33,600	102,500 *
140	59.5	232.5	30,600	97,800 *
145	58.2	229.4	27,900	93,400 *
150	56.9	226.1	25,300	89,300 *
155	55.5	222.7	23,000	85,400 *
160	54.2	219.1	20,700	81,800 *
165	52.8	215.3	18,700	78,400 *
170	51.4	211.3	16,700	75,200 *
175	49.9	207.1	14,900	72,200 *
180	48.5	202.7	13,100	69,300 *
185	47.0	198.0	11,500	66,600 *
190	45.4	193.1	9,900	64,100 *
195	43.8	187.9	8,500	61,600 *
200	42.2	182.5	7,100	58,800 *
205	40.5	176.6	5,700	55,800 *
210	38.7	170.5	4,500	52,800 *
215	36.9	163.9	3,200	50,100 *
220	35.0	156.8	2,100	47,400 *
225	33.0	149.2	1,000	44,800 *
230	30.9	141.0		42,300 *
235	28.6	132.0		39,900 *
240	26.2	122.1		37,600 *



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280 Ft. BOOM				
48	81.8	286.8	205,800	283,500 *
50	81.4	286.4	193,700	280,100 *
55	80.4	285.6	168,000	271,600 *
60	79.4	284.6	147,200	262,500 *
65	78.3	283.6	130,200	240,600 *
70	77.3	282.5	115,900	221,800 *
75	76.2	281.2	103,800	205,400 *
80	75.1	279.9	93,400	191,000 *
85	74.1	278.5	84,400	178,300 *
90	73.0	276.9	76,400	166,900 *
95	71.9	275.3	69,400	156,700 *
100	70.9	273.6	63,200	147,500 *
105	69.8	271.7	57,600	139,100 *
110	68.7	269.7	52,500	131,500 *
115	67.6	267.7	47,900	124,500 *
120	66.4	265.5	43,800	118,100 *
125	65.3	263.2	40,000	112,300 *
130	64.2	260.8	36,500	106,800 *
135	63.0	258.2	33,300	101,700 *
140	61.9	255.5	30,300	97,000 *
145	60.7	252.7	27,500	92,600 *
150	59.5	249.8	25,000	88,500 *
155	58.3	246.7	22,600	84,700 *
160	57.1	243.5	20,300	81,100 *
165	55.8	240.1	18,200	77,700 *
170	54.6	236.5	16,300	74,500 *
175	53.3	232.8	14,400	71,500 *
180	52.0	228.9	12,700	68,600 *
185	50.7	224.8	11,000	65,900 *
190	49.4	220.6	9,400	63,300 *
195	48.0	216.1	8,000	60,900 *
200	46.6	211.3	6,600	58,200 *
205	45.1	206.4	5,200	55,600 *
210	43.7	201.2	3,900	53,100 *
215	42.1	195.7	2,700	50,700 *
220	40.6	189.9	1,600	48,400 *
225	38.9	183.7	400	46,000 *
230	37.3	177.2		43,600 *
235	35.5	170.3		41,200 *
240	33.7	162.9		38,900 *
245	31.8	154.9		36,700 *
250	29.7	146.3		34,600 *
255	27.5	136.9		32,500 *
260	25.2	126.6		30,500 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Minimum Boom Capacity to Swing Pounds	Boom Capacity Pounds
300 Ft. BOOM				
60	80.1	305.0	147,800	207,800 *
65	79.1	304.0	130,500	201,500 *
70	78.1	303.0	116,000	195,200 *
75	77.1	301.8	103,800	189,100 *
80	76.2	300.6	93,200	183,100 *
85	75.2	299.3	84,100	177,100 *
90	74.2	297.8	76,000	165,800 *
95	73.2	296.3	68,900	155,600 *
100	72.2	294.7	62,600	146,400 *
105	71.2	293.0	57,000	138,000 *
110	70.2	291.2	51,900	130,400 *
115	69.1	289.3	47,300	123,500 *
120	68.1	287.3	43,100	117,100 *
125	67.1	285.1	39,200	111,200 *
130	66.0	282.9	35,700	105,800 *
135	65.0	280.6	32,400	100,700 *
140	63.9	278.1	29,400	96,000 *
145	62.8	275.6	26,700	91,600 *
150	61.7	272.9	24,100	87,500 *
155	60.6	270.1	21,700	83,700 *
160	59.5	267.1	19,400	80,100 *
165	58.4	264.0	17,300	76,700 *
170	57.3	260.8	15,300	73,500 *
175	56.1	257.5	13,500	70,500 *
180	55.0	254.0	11,700	67,600 *
185	53.8	250.3	10,100	64,900 *
190	52.6	246.5	8,500	62,200 *
195	51.4	242.5	7,000	59,600 *
200	50.1	238.3	5,600	57,100 *
205	48.9	234.0	4,200	54,700 *
210	47.6	229.4	3,000	52,100 *
215	46.2	224.7	1,700	49,800 *
220	44.9	219.7	600	47,500 *
225	43.5	214.4		45,300 *
230	42.1	208.9		43,200 *
235	40.6	203.1		41,200 *
240	39.1	197.0		39,300 *
245	37.6	190.6		37,400 *
250	35.9	183.7		35,300 *
255	34.3	176.5		33,300 *
260	32.5	168.7		31,300 *
265	30.6	160.4		29,200 *
270	28.7	151.4		26,200 *
275	26.6	141.6		23,200 *



Liftcrane Boom Capacities

Boom No. 49A-44 With Heavy Lift Top
169,200 Lb. (2250) Crane Counterweight
or 167,000 Lb. (M-250) Crane Counterweight
60,000 Lb. Carbody Counterweight
225,000 Lb. Hanging Counterweight
Rating Over Front of Blocked Crawlers
No Travel - Limited Swing

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250
or M-250

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Minimum Boom Capacity to Swing Pounds	Boom Capacity Pounds
320 Ft. BOOM				
65	79.8	324.4	131,200	181,800 *
70	78.9	323.4	116,500	176,000 *
75	78.0	322.4	104,100	170,300 *
80	77.0	321.2	93,400	164,600 *
85	76.1	320.0	84,100	159,200 *
90	75.2	318.6	76,000	153,800 *
95	74.3	317.2	68,800	148,500 *
100	73.3	315.7	62,400	143,400 *
105	72.4	314.1	56,700	137,200 *
110	71.4	312.4	51,500	129,600 *
115	70.5	310.7	46,900	122,700 *
120	69.5	308.8	42,600	116,300 *
125	68.6	306.8	38,800	110,400 *
130	67.6	304.8	35,200	105,000 *
135	66.6	302.6	31,900	99,900 *
140	65.6	300.3	28,900	95,200 *
145	64.7	298.0	26,100	90,800 *
150	63.7	295.5	23,500	86,800 *
155	62.7	292.9	21,100	82,900 *
160	61.6	290.2	18,800	79,300 *
165	60.6	287.4	16,700	75,900 *
170	59.6	284.4	14,700	72,700 *
175	58.5	281.4	12,800	69,700 *
180	57.5	278.2	11,000	66,600 *
185	56.4	274.9	9,400	63,700 *
190	55.3	271.4	7,800	60,900 *
195	54.2	267.8	6,300	58,300 *
200	53.1	264.0	4,900	55,800 *
205	51.9	260.1	3,500	53,400 *
210	50.8	256.1	2,200	51,100 *
215	49.6	251.8	1,000	48,900 *
220	48.4	247.4		46,800 *
225	47.2	242.8		44,600 *
230	45.9	238.0		42,500 *
235	44.7	232.9		39,500 *
240	43.4	227.6		36,500 *
245	42.0	222.1		33,600 *
250	40.7	216.3		30,800 *
255	39.3	210.3		27,900 *
260	37.8	203.9		25,100 *
265	36.3	197.1		22,400 *
270	34.7	190.0		19,600 *
275	33.1	182.4		17,000 *
280	31.4	174.3		14,300 *
285	29.6	165.7		11,700 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Minimum Boom Capacity to Swing Pounds	Boom Capacity Pounds
340 Ft. BOOM				
75	78.7	342.8	103,800	139,800 *
80	77.8	341.7	93,000	135,100 *
85	77.0	340.6	83,600	130,600 *
90	76.1	339.3	75,400	126,100 *
95	75.2	338.0	68,100	121,700 *
100	74.3	336.6	61,700	117,400 *
105	73.5	335.1	55,900	113,200 *
110	72.6	333.5	50,700	109,000 *
115	71.7	331.9	46,000	105,000 *
120	70.8	330.1	41,700	101,000 *
125	69.9	328.3	37,800	97,100 *
130	69.0	326.4	34,200	93,300 *
135	68.1	324.3	30,900	89,500 *
140	67.2	322.2	27,900	85,800 *
145	66.2	320.0	25,100	82,200 *
150	65.3	317.7	22,400	78,700 *
155	64.4	315.3	20,000	75,200 *
160	63.4	312.8	17,700	71,800 *
165	62.5	310.2	15,600	68,500 *
170	61.5	307.5	13,600	65,200 *
175	60.6	304.7	11,700	61,900 *
180	59.6	301.8	9,900	58,800 *
185	58.6	298.7	8,200	55,700 *
190	57.6	295.5	6,600	52,600 *
195	56.6	292.2	5,100	49,600 *
200	55.6	288.8	3,700	46,600 *
205	54.5	285.3	2,400	43,700 *
210	53.5	281.6	1,100	40,800 *
215	52.4	277.7		38,000 *
220	51.4	273.7		35,200 *
225	50.3	269.6		32,500 *
230	49.1	265.3		29,800 *
235	48.0	260.8		27,200 *
240	46.9	256.1		24,500 *
245	45.7	251.2		22,000 *
250	44.5	246.2		19,400 *
255	43.3	240.9		16,900 *
260	42.0	235.4		14,400 *
265	40.7	229.6		12,000 *