

Liftcrane Boom Capacities

Boom No. B60:500
with Mast No. M10:503 or Mast No. M11:503
474,100 lb VPC (Variable Position Counterweight)
Crawler Machine on a Barge
0 Degree thru 2 Degree Static Machine List
No Travel - 360 Degree Rating

MLC300 VPC-MAX SERIES 3



LIFTING CAPACITIES: Lifting capacities are for a crawler machine 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 may be based on percent of static tipping or strength of structural components. Capacities must be reduced by applicable deducts.

Upper boom point capacity for liftcrane service with single part whip line from Drum 6 is 30,000 lb or 60,000 lb with two part whip line. When Drum 2 or Drum 3 is used, capacity with single part whip line is 36,700 lb or 73,500 lb with two part whip line. 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 and jib point sheaves is considered part of the 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.

BOOM BACKWARD STABILITY: Capacities indicated by (b) require 10,000 lb minimum weight suspended beneath lower boom point, (c) require 22,000 lb minimum weight, and (d) require 30,000 lb minimum weight. **Caution: Do not operate in areas indicated by (b), (c), or (d) without required minimum weight. Boom may not lower and boom hoist wire rope may go slack causing wire rope damage or failure.**

OPERATING CONDITIONS: Machine to operate on a firm and uniformly supporting surface with machine list not to exceed degrees noted. Refer to Boom Rigging **No. 81023382**, Mast Rigging **No. 81025690** or **No. 84045340**, Wire Rope Specification chart **No. 9434-A**, Counterweight Arrangements chart **No. 9345-A**, and Wind Conditions chart **No. 9435-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 the Operator 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: Boom angle in degrees (°) 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 VPC-MAX, 31 ft 10 in. crawlers, 48 in. or 60 in. treads, 30 ft live mast, 98.4 ft mast, 10 part boom hoist reeving, boom support straps, and 474,100 lb VPC.

Warning: Luffing jib backstay straps must be removed before use of this chart. *Crane tipping or structural damage can occur.*

Consult chart **No. 9654-A** when Jib No. 148 is attached.

Deduct From Capacities When Jib No. 148 Is Attached	
Jib Length (ft)	Deduct (lb)
39.4	31,500
59.1	39,400
78.7	49,000
98.4	59,600
118.1	75,100
137.8	85,600
Weight of jib and 6,500 lb suspended beneath jib point have been included in determination of deduct.	

MLC300

VPC-MAX S-3



Refer to Table 1 for raising ability with the maximum weight of all load blocks, hooks, weight ball, slings, and hoist lines beneath boom point sheaves. For block weights shown with #, load blocks, hooks, weight ball, and slings must remain on barge deck until combined weights are within rated capacity of chart. Raising is not permitted in shaded areas of table.

Select counterweight position from Table 1 that will allow raising and lowering of boom length. Counterweight position selection may be changed with boom on barge deck or while boom is within operating range of capacity chart.

Combined weight beneath boom point sheaves must not exceed block weight shown.

Table 1

Over End or Side of Crawlers						
Boom Length (ft)	Counterweight Position					
	34.8 ft			48.0 ft		
	Machine List					
	0°	1°	2°	0°	1°	2°
	Block Weight (lb)					
137.8	22,900	22,900	22,900	22,900	22,900	22,900
157.5	22,900	22,900	22,900	22,900	22,900	22,900
177.2	22,900	22,900	22,900	22,900	22,900	22,900
196.9	22,900	22,900	22,900	22,900	22,900	22,900
216.5	22,900	22,900	22,900	22,900	22,900	22,900
236.2	22,900	22,900	22,900	22,900	22,900	22,900
255.9	22,900	22,900	22,900	22,900	22,900	22,900
275.6	22,900	22,900	22,900	22,900	22,900	22,900
295.3	22,900	22,900	22,900	22,900	22,900	22,900
315.0	8,300	#	#	8,300	#	#
334.6	#	#	#	#	#	#
354.3	#	#	#	#	#	#
374.0	#	#		#	#	
393.7	#			#		

Explanation of Symbols



Boom No. B60:500



VPC (Variable Position Counterweight)



360 Degree Rating



Boom Length



Operating Radius
(see page 1)



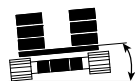
Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)



Counterweight Position
from Axis of Rotation



Machine List



Lifting Capacities
(see page 1)

MLC300

VPC-MAX S-3



B60



474,100 lb



360°

137.8 ft

			34.8 ft			48.0 ft			
ft	°	ft	0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	ft
26	82.7	143.4	661,400d			661,400d			26
28	81.9	143.1	661,400d			661,400d			28
30	81.0	142.7	661,400c			661,400c			30
32	80.2	142.3	651,000c	501,900d		651,000c	501,900d		32
34	79.3	141.9	633,300c	501,900d		633,300c	501,900d		34
36	78.5	141.5	616,500c	501,900d		616,500c	501,900d		36
38	77.6	141.0	600,500c	501,900c	377,500d	600,500c	501,900c	377,500d	38
40	76.8	140.5	585,100c	500,100c	377,500d	585,100c	500,100c	377,500d	40
45	74.6	139.1	521,400b	474,400c	377,500c	549,800b	474,400c	377,500c	45
50	72.4	137.4	459,000b	434,400b	377,400c	518,100b	451,000b	377,400c	50
55	70.2	135.6	409,100b	389,300b	371,200c	518,100b	429,500b	377,200c	55
60	68.0	133.5	368,200	351,900b	337,000b	509,300	409,900b	367,900b	60
65	65.7	131.2	334,100	320,600b	308,100b	460,400	409,900b	353,600b	65
70	63.3	128.7	305,300	293,900	283,300b	418,500	399,900	340,200b	70
75	61.0	125.9	280,500	270,900	261,900b	383,100	367,400	340,200b	75
80	58.5	122.8	259,100	250,800	243,100	352,900	339,600	327,000	80
85	56.0	119.4	240,300	233,200	226,500	326,800	315,300	304,500	85
90	53.4	115.7	223,700	217,600	211,800	304,000	294,100	284,700	90
95	50.7	111.5	208,900	203,600	198,600	284,000	275,300	267,100	95
100	47.9	107.0	195,700	191,100	186,800	266,100	258,600	251,400	100
105	45.0	102.0	183,800	179,800	176,000	250,200	243,700	237,400	105
110	41.9	96.4	173,000	169,500	166,300	235,900	230,200	224,600	110
115	38.5	90.2	163,100	160,200	157,400	223,000	218,000	213,100	115
120	34.9	83.1	154,100	151,600	149,200	211,200	206,900	202,600	120
125	31.0	75.0	145,800	143,800	141,800	200,400	196,700	193,100	125
130	26.4	65.2	138,200	136,500	134,900	190,600	187,400	184,300	130
135	20.9	53.0	131,100	129,800	128,500	181,500	178,900	176,300	135

MLC300 VPC-MAX S-3



B60



474,100 lb



360°

157.5 ft

			34.8 ft			48.0 ft			
ft	°	ft	0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	ft
24	84.4	163.5	613,000d			613,000d			24
26	83.6	163.3	613,000d			613,000d			26
28	82.9	163.0	613,000c			613,000c			28
30	82.2	162.7	613,000c	481,800d		613,000c	481,800d		30
32	81.4	162.3	613,000c	481,800d		613,000c	481,800d		32
34	80.7	162.0	602,200c	481,800d		602,200c	481,800d		34
36	79.9	161.6	587,100c	481,800c	362,400d	587,100c	481,800c	362,400d	36
38	79.2	161.2	572,600b	478,100c	362,400d	572,600b	478,100c	362,400d	38
40	78.5	160.7	558,700b	468,500c	362,400d	558,700b	468,500c	362,400d	40
45	76.6	159.5	521,300b	445,900c	362,400c	526,600b	445,900c	362,400c	45
50	74.7	158.1	458,700b	425,100b	362,300c	497,500b	425,100b	362,300c	50
55	72.8	156.5	408,600	385,800b	357,700b	489,200	405,900b	357,700b	55
60	70.9	154.8	367,700	348,800b	331,700b	489,200	388,200b	343,900b	60
65	68.9	152.8	333,500	317,800	303,400b	460,200	371,900	331,100b	65
70	66.9	150.6	304,600	291,300	279,000b	418,200	371,900	319,200b	70
75	64.9	148.3	279,800	268,400	257,900	382,800	364,700	308,000	75
80	62.9	145.7	258,300	248,500	239,400	352,600	337,100	308,000	80
85	60.8	142.8	239,500	231,000	223,100	326,400	313,000	300,500	85
90	58.6	139.8	222,800	215,500	208,500	303,600	292,000	281,000	90
95	56.5	136.4	208,000	201,600	195,500	283,500	273,300	263,700	95
100	54.2	132.8	194,800	189,100	183,800	265,600	256,700	248,200	100
105	51.9	128.9	182,900	177,900	173,200	249,700	241,800	234,200	105
110	49.5	124.6	172,100	167,700	163,500	235,400	228,400	221,600	110
115	47.0	119.9	162,200	158,400	154,700	222,400	216,200	210,200	115
120	44.4	114.8	153,200	149,800	146,600	210,600	205,100	199,800	120
125	41.7	109.2	145,000	142,000	139,100	199,900	195,000	190,200	125
130	38.8	103.0	137,400	134,700	132,200	190,000	185,700	181,400	130
135	35.7	96.1	130,300	128,000	125,800	181,000	177,100	173,300	135
140	32.3	88.3	123,800	121,800	119,900	172,600	169,200	165,900	140
145	28.6	79.3	117,700	116,000	114,400	164,800	161,900	159,000	145
150	24.3	68.7	112,000	110,600	109,300	157,600	155,100	152,600	150
155	19.1	55.2	106,600	105,500	104,500	150,800	148,700	146,700	155

MLC300 VPC-MAX S-3



B60



474,100 lb



360°

177.2 ft

			34.8 ft			48.0 ft			
ft	°	ft	lb	lb	lb	lb	lb	lb	ft
24	85.0	183.3	553,900d			553,900d			24
26	84.3	183.1	553,900d			553,900d			26
28	83.7	182.8	553,900c			553,900c			28
30	83.0	182.6	553,900c	438,100d		553,900c	438,100d		30
32	82.4	182.3	553,900c	438,100d		553,900c	438,100d		32
34	81.7	182.0	553,900c	438,100c		553,900c	438,100c		34
36	81.1	181.6	553,900c	437,800c	315,300d	553,900c	437,800c	315,300d	36
38	80.4	181.2	544,300b	437,000c	315,300d	544,300b	437,000c	315,300d	38
40	79.8	180.9	532,000b	436,300c	315,300d	532,000b	436,300c	315,300d	40
45	78.1	179.8	503,100b	418,400c	315,300c	503,100b	418,400c	315,300c	45
50	76.4	178.5	459,200b	400,100b	315,300c	476,700b	400,100b	315,300c	50
55	74.8	177.1	409,000	383,200b	315,300b	452,700	383,200b	315,300b	55
60	73.1	175.6	368,000	346,700b	315,300b	452,700	367,500b	315,300b	60
65	71.4	173.9	333,800	315,900	299,800b	452,700	352,800	310,400b	65
70	69.6	172.0	304,900	289,700	275,900	418,600	339,100	299,800	70
75	67.9	169.9	280,000	267,000	255,100	383,200	339,100	289,800	75
80	66.1	167.7	258,500	247,300	236,900	352,900	335,400	280,400	80
85	64.3	165.3	239,600	229,900	220,800	326,700	311,500	275,100	85
90	62.5	162.6	223,000	214,400	206,500	303,900	290,600	275,100	90
95	60.6	159.8	208,200	200,700	193,600	283,700	272,100	261,200	95
100	58.7	156.7	194,900	188,300	182,000	265,900	255,600	245,900	100
105	56.8	153.4	183,000	177,100	171,500	249,900	240,800	232,100	105
110	54.8	149.9	172,200	166,900	162,000	235,600	227,400	219,700	110
115	52.8	146.1	162,400	157,700	153,200	222,600	215,300	208,300	115
120	50.7	142.0	153,400	149,200	145,200	210,800	204,300	198,000	120
125	48.5	137.5	145,100	141,400	137,800	200,100	194,200	188,500	125
130	46.3	132.7	137,500	134,200	131,000	190,200	184,900	179,800	130
135	44.0	127.6	130,500	127,500	124,600	181,200	176,400	171,800	135
140	41.5	121.9	124,000	121,300	118,700	172,800	168,500	164,300	140
145	39.0	115.8	117,900	115,500	113,300	165,100	161,200	157,400	145
150	36.2	109.0	112,300	110,200	108,100	157,900	154,400	151,000	150
155	33.3	101.5	107,000	105,100	103,300	151,200	148,000	145,000	155
160	30.1	93.0	102,000	100,400	98,800	144,900	142,100	139,400	160
165	26.6	83.3	97,300	95,900	94,600	139,000	136,600	134,200	165
170	22.5	71.8	92,900	91,700	90,700	133,500	131,400	129,300	170

MLC300 VPC-MAX S-3



B60

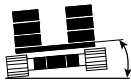
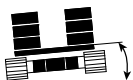
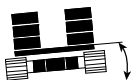
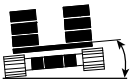
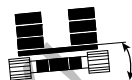
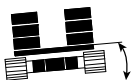


474,100 lb



360°

196.9 ft

 196.9 ft									
 ft	 °	 ft	 34.8 ft			 48.0 ft			 ft
			 0° lb	 1° lb	 2° lb	 0° lb	 1° lb	 2° lb	
26	84.9	202.9	500,100c			500,100c			26
28	84.3	202.7	500,100c			500,100c			28
30	83.7	202.4	500,100c	362,400d		500,100c	362,400d		30
32	83.2	202.2	500,100c	362,400d		500,100c	362,400d		32
34	82.6	201.9	500,100c	362,400c		500,100c	362,400c		34
36	82.0	201.6	500,100b	362,400c	263,100d	500,100b	362,400c	263,100d	36
38	81.4	201.2	500,100b	362,400c	263,100d	500,100b	362,400c	263,100d	38
40	80.8	200.9	500,100b	362,400c	263,100c	500,100b	362,400c	263,100c	40
45	79.3	199.9	476,800b	362,400b	263,100c	476,800b	362,400b	263,100c	45
50	77.8	198.8	453,200	362,400b	263,100c	453,200	362,400b	263,100c	50
55	76.3	197.6	407,700	359,100b	263,100b	431,500	359,100b	263,100b	55
60	74.8	196.2	366,600	342,800	263,100b	411,500	345,200	263,100b	60
65	73.3	194.7	332,300	312,400	263,100b	411,500	332,100	263,100b	65
70	71.8	193.0	303,400	286,400	263,100	411,500	319,900	263,100	70
75	70.2	191.2	278,500	263,900	250,600	382,200	308,400	263,100	75
80	68.6	189.2	256,900	244,300	232,700	351,900	308,400	262,300	80
85	67.1	187.0	238,100	227,000	216,900	325,700	308,400	254,400	85
90	65.5	184.7	221,400	211,700	202,700	302,800	288,000	246,900	90
95	63.8	182.3	206,600	198,000	190,000	282,700	269,600	246,900	95
100	62.2	179.6	193,300	185,700	178,600	264,800	253,200	242,400	100
105	60.5	176.7	181,400	174,600	168,200	248,800	238,500	228,800	105
110	58.8	173.7	170,600	164,500	158,700	234,500	225,200	216,500	110
115	57.1	170.4	160,700	155,200	150,100	221,500	213,200	205,300	115
120	55.3	167.0	151,700	146,800	142,100	209,700	202,200	195,100	120
125	53.5	163.2	143,500	139,000	134,800	198,900	192,200	185,700	125
130	51.6	159.3	135,900	131,800	128,000	189,100	182,900	177,100	130
135	49.7	155.0	128,800	125,200	121,800	180,000	174,400	169,100	135
140	47.7	150.5	122,300	119,000	115,900	171,700	166,600	161,700	140
145	45.7	145.6	116,300	113,300	110,500	163,900	159,300	154,800	145
150	43.6	140.3	110,600	107,900	105,400	156,700	152,500	148,400	150
155	41.4	134.7	105,300	102,900	100,600	150,000	146,200	142,500	155
160	39.1	128.5	100,400	98,200	96,100	143,800	140,300	136,900	160
165	36.7	121.9	95,700	93,800	91,900	137,900	134,700	131,600	165
170	34.1	114.6	91,400	89,600	88,000	132,400	129,500	126,700	170
180	28.3	97.4	83,300	82,000	80,700	122,400	120,100	117,800	180
190	21.0	74.5	76,000	75,100	74,200	113,400	111,600	109,800	190

MLC300 VPC-MAX S-3



B60



474,100 lb



360°

216.5 ft

			34.8 ft			48.0 ft			
ft	°	ft	0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	ft
28	84.8	222.5	449,900c			449,900c			28
30	84.3	222.3	449,900c			449,900c			30
32	83.8	222.0	449,900c	308,700d		449,900c	308,700d		32
34	83.2	221.8	449,900b	308,700c		449,900b	308,700c		34
36	82.7	221.5	449,900b	308,700c	223,300d	449,900b	308,700c	223,300d	36
38	82.2	221.2	449,900b	308,700c	223,300d	449,900b	308,700c	223,300d	38
40	81.6	220.9	449,900b	308,700c	223,300c	449,900b	308,700c	223,300c	40
45	80.3	220.0	449,900	308,700b	223,300c	449,900	308,700b	223,300c	45
50	79.0	219.0	430,400	308,700b	223,300b	430,400	308,700b	223,300b	50
55	77.6	217.9	407,500	308,700b	223,300b	411,000	308,700b	223,300b	55
60	76.2	216.6	366,400	308,700	223,300b	393,000	308,700	223,300b	60
65	74.9	215.2	332,100	308,700	223,300	376,300	308,700	223,300	65
70	73.5	213.7	303,100	284,400	223,300	376,300	302,000	223,300	70
75	72.1	212.1	278,200	262,100	223,300	376,300	291,800	223,300	75
80	70.7	210.3	256,600	242,600	223,300	351,800	282,100	223,300	80
85	69.3	208.4	237,800	225,500	214,300	325,600	280,500	223,300	85
90	67.8	206.3	221,100	210,300	200,400	302,700	280,500	223,300	90
95	66.4	204.1	206,300	196,700	187,800	282,600	268,200	223,300	95
100	64.9	201.8	193,000	184,500	176,500	264,700	251,900	222,200	100
105	63.4	199.2	181,000	173,400	166,300	248,700	237,200	222,200	105
110	61.9	196.6	170,200	163,400	156,900	234,300	224,000	214,400	110
115	60.4	193.7	160,400	154,200	148,400	221,300	212,100	203,400	115
120	58.9	190.7	151,400	145,800	140,500	209,500	201,200	193,300	120
125	57.3	187.4	143,100	138,000	133,300	198,800	191,200	184,000	125
130	55.7	184.0	135,500	130,900	126,600	188,900	182,000	175,400	130
135	54.1	180.4	128,500	124,300	120,300	179,800	173,500	167,500	135
140	52.4	176.5	122,000	118,200	114,500	171,500	165,700	160,200	140
145	50.7	172.4	115,900	112,500	109,100	163,700	158,400	153,400	145
150	48.9	168.0	110,300	107,100	104,100	156,500	151,700	147,000	150
155	47.1	163.4	105,000	102,100	99,400	149,900	145,400	141,100	155
160	45.2	158.4	100,100	97,400	94,900	143,600	139,500	135,600	160
165	43.3	153.1	95,500	93,000	90,700	137,800	134,000	130,400	165
170	41.3	147.4	91,100	88,900	86,800	132,300	128,800	125,500	170
180	37.0	134.7	83,100	81,300	79,500	122,300	119,300	116,500	180
190	32.3	119.7	75,900	74,400	73,000	113,300	110,900	108,500	190
200	26.7	101.4	69,400	68,300	67,200	105,300	103,300	101,400	200
210	19.8	77.0	63,500	62,700	61,900	98,100	96,500	95,000	210

MLC300 VPC-MAX S-3



B60



474,100 lb



360°

236.2 ft									
			34.8 ft			48.0 ft			
ft	°	ft	0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	ft
30	84.8	242.1	390,100c			390,100c			30
32	84.3	241.8	390,100b			390,100b			32
34	83.8	241.6	390,100b	265,400c		390,100b	265,400c		34
36	83.3	241.3	390,100b	265,400c		390,100b	265,400c		36
38	82.8	241.1	390,100b	265,400c	191,300d	390,100b	265,400c	191,300d	38
40	82.3	240.8	390,100b	265,400c	191,300c	390,100b	265,400c	191,300c	40
45	81.1	240.0	390,100	265,400b	191,300c	390,100	265,400b	191,300c	45
50	79.9	239.1	389,600	265,400b	191,300b	389,600	265,400b	191,300b	50
55	78.6	238.0	381,600	265,400	191,300b	381,600	265,400	191,300b	55
60	77.4	236.9	372,400	265,400	191,300b	372,400	265,400	191,300b	60
65	76.2	235.6	347,700	265,400	191,300	357,400	265,400	191,300	65
70	74.9	234.3	317,300	265,400	191,300	343,600	265,400	191,300	70
75	73.6	232.8	291,200	265,400	191,300	343,600	265,400	191,300	75
80	72.4	231.2	268,600	252,600	191,300	341,600	265,300	191,300	80
85	71.1	229.4	248,800	234,800	191,300	324,200	257,000	191,300	85
90	69.8	227.6	231,400	219,000	191,300	301,300	250,800	191,300	90
95	68.5	225.6	215,900	204,800	191,300	281,100	250,800	191,300	95
100	67.2	223.5	202,000	192,100	183,000	263,200	249,300	191,300	100
105	65.8	221.2	189,400	180,600	172,400	247,200	234,700	191,300	105
110	64.5	218.8	178,100	170,200	162,800	232,900	221,600	191,300	110
115	63.1	216.2	167,800	160,600	153,900	219,900	209,700	191,300	115
120	61.7	213.5	158,400	151,900	145,800	208,100	198,800	190,200	120
125	60.3	210.6	149,800	143,800	138,300	197,300	188,900	181,000	125
130	58.9	207.6	141,800	136,400	131,300	187,400	179,800	172,500	130
135	57.5	204.4	134,500	129,500	124,900	178,400	171,300	164,700	135
140	56.0	201.0	127,700	123,100	118,800	170,000	163,500	157,400	140
145	54.5	197.4	121,300	117,200	113,200	162,200	156,300	150,700	145
150	53.0	193.7	115,400	111,600	108,000	155,000	149,600	144,400	150
155	51.5	189.7	109,900	106,400	103,100	148,400	143,300	138,500	155
160	49.9	185.4	104,800	101,500	98,500	142,100	137,500	133,000	160
165	48.2	181.0	99,900	96,900	94,100	136,300	132,000	127,800	165
170	46.6	176.2	95,400	92,600	90,000	130,800	126,800	123,000	170
180	43.1	165.9	87,000	84,700	82,500	120,800	117,400	114,100	180
190	39.3	154.1	79,500	77,600	75,700	111,900	108,900	106,100	190
200	35.2	140.5	72,800	71,200	69,600	103,900	101,400	99,000	200
210	30.7	124.6	66,700	65,400	64,100	96,700	94,600	92,500	210
220	25.4	105.1	61,100	60,100	59,100	90,100	88,400	86,700	220
230	18.6	79.2	55,900	55,200	54,500	84,100	82,800	81,400	230

MLC300 VPC-MAX S-3



B60



474,100 lb



360°

255.9 ft

			34.8 ft			48.0 ft			
ft	°	ft	0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	ft
32	84.7	261.6	324,700b			324,700b			32
34	84.3	261.4	324,700b			324,700b			34
36	83.8	261.2	324,700b	230,500c		324,700b	230,500c		36
38	83.4	260.9	324,700b	230,500c		324,700b	230,500c		38
40	82.9	260.7	324,700	230,500b	166,500c	324,700	230,500b	166,500c	40
45	81.8	259.9	324,700	230,500b	166,500c	324,700	230,500b	166,500c	45
50	80.7	259.1	324,700	230,500	166,500b	324,700	230,500	166,500b	50
55	79.5	258.1	324,700	230,500	166,500b	324,700	230,500	166,500b	55
60	78.4	257.1	324,700	230,500	166,500	324,700	230,500	166,500	60
65	77.2	255.9	324,700	230,500	166,500	324,700	230,500	166,500	65
70	76.1	254.7	316,600	230,500	166,500	324,700	230,500	166,500	70
75	74.9	253.3	290,500	230,500	166,500	318,300	230,500	166,500	75
80	73.8	251.8	267,800	230,500	166,500	318,300	230,500	166,500	80
85	72.6	250.3	248,000	230,500	166,500	310,400	230,500	166,500	85
90	71.4	248.5	230,500	217,000	166,500	300,800	230,500	166,500	90
95	70.2	246.7	215,000	202,900	166,500	280,600	229,600	166,500	95
100	69.0	244.8	201,100	190,300	166,500	262,700	229,600	166,500	100
105	67.8	242.7	188,500	178,900	166,500	246,700	229,600	166,500	105
110	66.6	240.5	177,200	168,500	160,400	232,300	220,100	166,500	110
115	65.3	238.2	166,900	159,000	151,700	219,300	208,200	166,500	115
120	64.1	235.8	157,500	150,300	143,600	207,500	197,400	166,500	120
125	62.8	233.2	148,800	142,300	136,200	196,700	187,500	166,500	125
130	61.6	230.5	140,900	134,900	129,300	186,800	178,400	166,500	130
135	60.3	227.6	133,500	128,000	122,900	177,800	170,100	162,800	135
140	59.0	224.6	126,700	121,700	116,900	169,400	162,300	155,600	140
145	57.6	221.4	120,400	115,700	111,400	161,600	155,100	149,000	145
150	56.3	218.0	114,500	110,200	106,200	154,400	148,400	142,700	150
155	54.9	214.5	109,000	105,000	101,300	147,700	142,200	136,900	155
160	53.5	210.8	103,800	100,200	96,700	141,500	136,300	131,400	160
165	52.1	206.9	99,000	95,600	92,400	135,600	130,900	126,300	165
170	50.7	202.8	94,400	91,300	88,400	130,200	125,700	121,500	170
180	47.7	193.9	86,100	83,400	80,900	120,200	116,300	112,600	180
190	44.5	184.0	78,700	76,400	74,200	111,300	107,900	104,700	190
200	41.2	172.9	72,000	70,000	68,100	103,300	100,400	97,600	200
210	37.6	160.4	65,900	64,200	62,600	96,100	93,600	91,200	210
220	33.7	146.0	60,400	59,000	57,600	89,600	87,500	85,400	220
230	29.3	129.1	55,300	54,100	53,000	83,700	81,900	80,100	230
240	24.1	108.5	50,600	49,700	48,800	78,200	76,700	75,200	240
250	17.6	81.1	46,200	45,500	44,900	73,200	72,000	70,800	250

MLC300

VPC-MAX S-3



B60



474,100 lb



360°

275.6 ft

			34.8 ft			48.0 ft			
ft	°	ft	0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	ft
34	84.7	281.2	275,800b			275,800b			34
36	84.3	281.0	275,800			275,800			36
38	83.9	280.8	275,800	194,400b		275,800	194,400b		38
40	83.4	280.5	275,800	194,400b		275,800	194,400b		40
45	82.4	279.8	275,800	194,400b	145,600c	275,800	194,400b	145,600c	45
50	81.3	279.1	275,800	194,400	145,600b	275,800	194,400	145,600b	50
55	80.3	278.2	275,800	194,400	145,600b	275,800	194,400	145,600b	55
60	79.2	277.2	275,800	194,400	145,600	275,800	194,400	145,600	60
65	78.2	276.1	275,800	194,400	145,600	275,800	194,400	145,600	65
70	77.1	275.0	275,800	194,400	145,600	275,800	194,400	145,600	70
75	76.0	273.7	275,800	194,400	145,600	275,800	194,400	145,600	75
80	75.0	272.4	274,200	194,400	145,600	275,800	194,400	145,600	80
85	73.9	270.9	252,900	194,400	145,600	275,800	194,400	145,600	85
90	72.8	269.3	234,400	194,400	145,600	272,900	194,400	145,600	90
95	71.7	267.7	218,000	194,400	145,600	265,600	194,400	145,600	95
100	70.6	265.9	203,500	190,100	145,600	258,600	194,400	145,600	100
105	69.5	264.0	190,600	178,500	145,600	245,100	194,400	145,600	105
110	68.3	262.0	179,000	168,100	145,600	230,700	194,400	145,600	110
115	67.2	259.9	168,400	158,600	145,600	217,700	194,400	145,600	115
120	66.1	257.6	158,900	149,900	141,600	205,900	194,400	145,600	120
125	64.9	255.3	150,200	142,000	134,300	195,100	185,200	145,600	125
130	63.8	252.8	142,200	134,600	127,600	185,200	176,100	145,600	130
135	62.6	250.2	134,800	127,900	121,400	176,100	167,800	145,600	135
140	61.4	247.4	128,100	121,700	115,700	167,800	160,100	145,600	140
145	60.2	244.6	121,800	115,900	110,300	160,000	152,900	145,600	145
150	59.0	241.5	116,000	110,500	105,300	152,800	146,200	140,100	150
155	57.8	238.4	110,600	105,500	100,700	146,100	140,000	134,300	155
160	56.5	235.0	105,500	100,800	96,300	139,800	134,200	128,800	160
165	55.3	231.6	100,800	96,400	92,200	134,000	128,700	123,800	165
170	54.0	227.9	96,300	92,200	88,300	128,500	123,600	119,000	170
180	51.3	220.1	88,300	84,700	81,200	118,500	114,300	110,200	180
190	48.6	211.4	81,100	77,900	74,900	109,600	105,900	102,300	190
200	45.7	201.9	74,600	71,900	69,200	101,700	98,400	95,300	200
210	42.7	191.4	68,700	66,400	64,000	94,500	91,600	88,900	210
220	39.5	179.6	63,000	61,200	59,300	88,000	85,500	83,100	220
230	36.0	166.3	57,700	56,200	54,800	82,100	79,900	77,800	230
240	32.2	151.2	52,900	51,600	50,400	76,700	74,800	72,900	240
250	28.0	133.4	48,400	47,400	46,400	71,700	70,100	68,500	250
260	23.0	111.7	44,300	43,400	42,600	67,100	65,700	64,400	260
270	16.7	82.9	40,300	39,700	39,200	62,800	61,700	60,600	270

MLC300 VPC-MAX S-3



B60

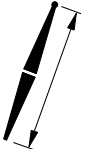


474,100 lb



360°

295.3 ft

									
ft	°	ft	34.8 ft			48.0 ft			ft
			0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	
36	84.7	300.8	231,200			231,200			36
38	84.3	300.6	231,200			231,200			38
40	83.9	300.4	231,200			231,200			40
45	82.9	299.7	231,200			231,200			45
50	81.9	299.0	231,200			231,200			50
55	80.9	298.2	231,200			231,200			55
60	80.0	297.3	231,200			231,200			60
65	79.0	296.3	231,200			231,200			65
70	78.0	295.2	231,200			231,200			70
75	77.0	294.0	231,200			231,200			75
80	76.0	292.8	231,200			231,200			80
85	75.0	291.4	231,200			231,200			85
90	74.0	289.9	229,900			229,900			90
95	72.9	288.4	217,800			225,400			95
100	71.9	286.7	203,300			220,900			100
105	70.9	285.0	190,300			216,100			105
110	69.9	283.1	178,700			210,900			110
115	68.8	281.2	168,200			205,800			115
120	67.8	279.1	158,600			200,900			120
125	66.7	277.0	149,900			194,800			125
130	65.7	274.7	141,900			184,900			130
135	64.6	272.3	134,600			175,900			135
140	63.5	269.8	127,800			167,500			140
145	62.4	267.1	121,500			159,700			145
150	61.3	264.4	115,700			152,500			150
155	60.2	261.5	110,300			145,800			155
160	59.0	258.5	105,200			139,600			160
165	57.9	255.3	100,500			133,700			165
170	56.7	252.0	96,100			128,200			170
180	54.4	245.0	88,000			118,300			180
190	51.9	237.3	80,800			109,400			190
200	49.4	228.9	74,400			101,400			200
210	46.7	219.7	68,400			94,300			210
220	44.0	209.6	62,600			87,800			220
230	41.1	198.4	57,400			81,900			230
240	38.0	186.0	52,600			76,500			240
250	34.6	172.0	48,200			71,500			250
260	31.0	156.1	44,000			66,900			260
270	26.9	137.4	40,200			62,700			270
280	22.1	114.7	36,600			58,700			280
290	15.9	84.4	33,200			55,000			290

MLC300 VPC-MAX S-3



B60



474,100 lb



360°

315.0 ft

			34.8 ft			48.0 ft			
ft	°	ft	0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	ft
36	85.0	320.6	199,400			199,400			36
38	84.6	320.4	199,400			199,400			38
40	84.3	320.2	199,400			199,400			40
45	83.4	319.6	199,400	135,600		199,400	135,600		45
50	82.4	318.9	199,400	135,600	102,100b	199,400	135,600	102,100b	50
55	81.5	318.1	199,400	135,600	102,100	199,400	135,600	102,100	55
60	80.6	317.3	199,400	135,600	102,100	199,400	135,600	102,100	60
65	79.7	316.4	199,400	135,600	102,100	199,400	135,600	102,100	65
70	78.7	315.3	199,400	135,600	102,100	199,400	135,600	102,100	70
75	77.8	314.2	199,400	135,600	102,100	199,400	135,600	102,100	75
80	76.9	313.1	199,400	135,600	102,100	199,400	135,600	102,100	80
85	75.9	311.8	199,400	135,600	102,100	199,400	135,600	102,100	85
90	75.0	310.4	199,400	135,600	102,100	199,400	135,600	102,100	90
95	74.0	309.0	199,400	135,600	102,100	199,400	135,600	102,100	95
100	73.1	307.5	199,400	135,600	102,100	199,400	135,600	102,100	100
105	72.1	305.8	188,800	135,600	102,100	199,400	135,600	102,100	105
110	71.2	304.1	177,200	135,600	102,100	199,400	135,600	102,100	110
115	70.2	302.3	166,600	135,600	102,100	199,400	135,600	102,100	115
120	69.2	300.4	157,100	135,600	102,100	199,400	135,600	102,100	120
125	68.3	298.4	148,300	135,600	102,100	193,300	135,600	102,100	125
130	67.3	296.3	140,300	131,700	102,100	183,400	135,600	102,100	130
135	66.3	294.0	133,000	125,000	102,100	174,300	135,600	102,100	135
140	65.3	291.7	126,200	118,900	102,100	165,900	135,600	102,100	140
145	64.3	289.3	119,900	113,100	102,100	158,100	135,600	102,100	145
150	63.2	286.8	114,100	107,800	101,900	150,900	135,600	102,100	150
155	62.2	284.1	108,700	102,800	97,300	144,200	135,600	102,100	155
160	61.2	281.3	103,600	98,100	93,000	138,000	131,400	102,000	160
165	60.1	278.5	98,900	93,800	89,000	132,100	126,000	101,800	165
170	59.1	275.5	94,400	89,700	85,100	126,600	120,900	101,700	170
180	56.9	269.0	86,400	82,100	78,200	116,600	111,600	101,400	180
190	54.7	262.1	79,200	75,400	71,900	107,700	103,300	99,100	190
200	52.4	254.5	72,400	69,400	66,300	99,800	95,800	92,100	200
210	50.0	246.3	66,100	63,500	61,100	92,600	89,100	85,800	210
220	47.6	237.3	60,400	58,100	55,900	86,100	83,000	80,000	220
230	45.1	227.6	55,100	53,100	51,200	80,200	77,500	74,800	230
240	42.4	216.9	50,300	48,600	46,900	74,800	72,400	70,000	240
250	39.6	205.1	45,900	44,400	42,900	69,900	67,700	65,500	250
260	36.6	192.0	41,800	40,500	39,200	65,300	63,400	61,500	260
270	33.4	177.4	38,000	36,800	35,700	61,100	59,400	57,700	270
280	29.8	160.7	34,500	33,500	32,500	57,100	55,600	54,200	280
290	25.9	141.3	31,100	30,300	29,500	53,500	52,200	50,900	290
300	21.2	117.5	28,000	27,300	26,700	50,000	48,900	47,800	300
310	15.1	85.8	25,000	24,500	24,000	46,800	41,600	33,600	310

MLC300 VPC-MAX S-3



B60

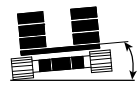
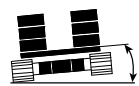
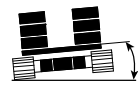
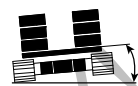
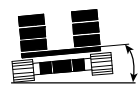


474,100 lb



360°

334.6 ft

	 ft	 °	 ft	 34.8 ft			 48.0 ft			 ft
				 0° lb	 1° lb	 2° lb	 0° lb	 1° lb	 2° lb	
38	85.0	340.2		168,100			168,100			38
40	84.6	340.0		168,100			168,100			40
45	83.7	339.4		168,100	111,500		168,100	111,500		45
50	82.9	338.8		168,100	111,500	83,900b	168,100	111,500	83,900b	50
55	82.0	338.1		168,100	111,500	83,900	168,100	111,500	83,900	55
60	81.2	337.3		168,100	111,500	83,900	168,100	111,500	83,900	60
65	80.3	336.4		168,100	111,500	83,900	168,100	111,500	83,900	65
70	79.4	335.4		168,100	111,500	83,900	168,100	111,500	83,900	70
75	78.5	334.4		168,100	111,500	83,900	168,100	111,500	83,900	75
80	77.7	333.3		168,100	111,500	83,900	168,100	111,500	83,900	80
85	76.8	332.1		168,100	111,500	83,900	168,100	111,500	83,900	85
90	75.9	330.8		168,100	111,500	83,900	168,100	111,500	83,900	90
95	75.0	329.5		168,100	111,500	83,900	168,100	111,500	83,900	95
100	74.1	328.0		168,100	111,500	83,900	168,100	111,500	83,900	100
105	73.2	326.5		168,100	111,500	83,900	168,100	111,500	83,900	105
110	72.3	324.9		167,100	111,500	83,900	167,100	111,500	83,900	110
115	71.4	323.2		166,100	111,500	83,900	166,100	111,500	83,900	115
120	70.5	321.4		156,500	111,500	83,900	163,600	111,500	83,900	120
125	69.6	319.6		147,800	111,500	83,900	160,000	111,500	83,900	125
130	68.7	317.6		139,800	111,500	83,900	156,500	111,500	83,900	130
135	67.8	315.5		132,400	111,500	83,900	153,000	111,500	83,900	135
140	66.8	313.4		125,700	111,500	83,900	149,800	111,500	83,900	140
145	65.9	311.1		119,400	111,500	83,900	146,500	111,500	83,900	145
150	64.9	308.8		113,600	106,800	83,900	143,500	111,500	83,900	150
155	64.0	306.3		108,100	101,900	83,700	140,600	111,400	83,700	155
160	63.0	303.8		103,100	97,200	83,700	137,400	111,300	83,700	160
165	62.1	301.1		98,300	92,900	83,500	131,600	111,100	83,500	165
170	61.1	298.3		93,900	88,800	83,500	126,100	111,000	83,500	170
180	59.1	292.4		85,800	81,300	77,100	116,100	110,700	83,200	180
190	57.1	286.0		78,600	74,600	70,900	107,200	102,400	82,900	190
200	55.0	279.1		71,700	68,500	65,300	99,200	95,000	82,700	200
210	52.8	271.7		65,400	62,500	59,800	91,600	88,300	82,400	210
220	50.6	263.6		59,600	57,100	54,700	84,400	81,700	79,000	220
230	48.4	254.9		54,400	52,200	50,100	78,100	75,700	73,400	230
240	46.0	245.4		49,600	47,600	45,800	72,400	70,300	68,300	240
250	43.6	235.1		45,200	43,500	41,800	67,500	65,600	63,800	250
260	41.0	223.9		41,200	39,600	38,100	63,100	61,500	59,900	260
270	38.3	211.5		37,400	36,000	34,700	59,300	57,800	56,500	270
280	35.4	197.9		33,900	32,600	31,500	56,000	54,800	53,300	280
290	32.2	182.6		30,600	29,500	28,500	53,100	51,500	50,000	290
300	28.8	165.2		27,500	26,600	25,700	49,700	48,300	47,000	300
310	24.9	144.9		24,600	23,800	23,100	46,500	45,300	44,100	310
320	20.4	120.2		21,800	21,200	20,600	43,500	42,500	41,100	320

MLC300 VPC-MAX S-3



B60



474,100 lb



360°

354.3 ft

			34.8 ft			48.0 ft			
ft	°	ft	0° lb	1° lb	2° lb	0° lb	1° lb	2° lb	ft
40	84.9	359.8	147,400			147,400			40
45	84.1	359.2	147,400			147,400			45
50	83.3	358.6	147,400	94,600		147,400	94,600		50
55	82.5	357.9	147,400	94,600	69,400	147,400	94,600	69,400	55
60	81.7	357.2	147,400	94,600	69,400	147,400	94,600	69,400	60
65	80.8	356.4	147,400	94,600	69,400	147,400	94,600	69,400	65
70	80.0	355.5	147,400	94,600	69,400	147,400	94,600	69,400	70
75	79.2	354.5	147,400	94,600	69,400	147,400	94,600	69,400	75
80	78.4	353.5	147,400	94,600	69,400	147,400	94,600	69,400	80
85	77.5	352.3	147,400	94,600	69,400	147,400	94,600	69,400	85
90	76.7	351.1	147,400	94,600	69,400	147,400	94,600	69,400	90
95	75.9	349.9	147,400	94,600	69,400	147,400	94,600	69,400	95
100	75.0	348.5	147,400	94,600	69,400	147,400	94,600	69,400	100
105	74.2	347.1	147,000	94,600	69,400	147,000	94,600	69,400	105
110	73.3	345.6	143,000	94,600	69,400	143,000	94,600	69,400	110
115	72.5	344.0	139,200	94,600	69,400	139,200	94,600	69,400	115
120	71.6	342.3	135,500	94,600	69,400	135,500	94,600	69,400	120
125	70.8	340.6	131,900	94,600	69,400	131,900	94,600	69,400	125
130	69.9	338.7	128,500	94,600	69,400	128,500	94,600	69,400	130
135	69.1	336.8	125,100	94,600	69,400	125,100	94,600	69,400	135
140	68.2	334.8	121,900	94,600	69,400	121,900	94,600	69,400	140
145	67.3	332.7	117,800	94,600	69,400	118,900	94,600	69,400	145
150	66.4	330.5	111,900	94,600	69,400	115,800	94,600	69,400	150
155	65.5	328.2	106,500	94,500	69,400	113,000	94,500	69,400	155
160	64.6	325.8	101,500	94,400	69,400	110,200	94,400	69,400	160
165	63.7	323.3	96,700	90,900	69,300	107,600	94,400	69,300	165
170	62.8	320.7	92,300	86,900	69,200	105,100	94,200	69,200	170
180	61.0	315.3	84,100	79,400	69,100	100,400	92,600	69,100	180
190	59.1	309.4	76,300	72,400	68,700	96,100	89,000	69,000	190
200	57.2	303.0	69,400	65,900	62,700	92,200	85,600	68,700	200
210	55.2	296.2	63,100	60,000	57,100	88,700	82,600	68,500	210
220	53.2	288.8	57,400	54,600	52,000	84,000	79,800	68,300	220
230	51.2	280.9	52,200	49,700	47,400	78,100	74,800	68,100	230
240	49.0	272.4	47,400	45,200	43,100	72,700	69,800	66,900	240
250	46.8	263.1	43,000	41,000	39,200	67,800	65,100	62,600	250
260	44.6	253.2	38,900	37,200	35,500	63,000	60,800	58,500	260
270	42.2	242.4	35,200	33,600	32,100	58,900	56,800	54,800	270
280	39.7	230.6	31,700	30,300	28,900	55,100	53,200	51,300	280
290	37.0	217.7	28,400	27,100	26,000	51,500	49,700	48,000	290
300	34.2	203.5	25,300	24,200	23,200	48,100	46,500	45,000	300
310	31.2	187.5	22,500	21,500	20,600	44,900	43,500	42,100	310
320	27.8	169.4	19,700	18,900	18,100	41,900	40,700	39,500	320
330	24.1	148.3	17,200	16,500	15,800	39,100	38,100	37,000	330
340	19.6	122.6	14,700	14,200	13,600	36,500	35,600	34,600	340

MLC300 VPC-MAX S-3



B60



474,100 lb



360°

374.0 ft							
			34.8 ft		48.0 ft		
ft	°	ft	0° lb	1° lb	0° lb	1° lb	ft
45	84.4	379.0	129,200		129,200		45
50	83.6	378.5	129,200	79,700	129,200	79,700	50
55	82.9	377.8	129,200	79,700	129,200	79,700	55
60	82.1	377.1	129,200	79,700	129,200	79,700	60
65	81.3	376.3	129,200	79,700	129,200	79,700	65
70	80.5	375.5	129,200	79,700	129,200	79,700	70
75	79.8	374.6	129,200	79,700	129,200	79,700	75
80	79.0	373.6	129,200	79,700	129,200	79,700	80
85	78.2	372.5	129,100	79,700	129,100	79,700	85
90	77.4	371.4	129,000	79,700	129,000	79,700	90
95	76.6	370.2	128,900	79,700	128,900	79,700	95
100	75.8	368.9	128,700	79,700	128,700	79,700	100
105	75.0	367.6	128,400	79,700	128,400	79,700	105
110	74.2	366.1	127,600	79,700	127,600	79,700	110
115	73.4	364.6	126,800	79,700	126,800	79,700	115
120	72.6	363.1	124,700	79,700	124,700	79,700	120
125	71.8	361.4	121,500	79,700	121,500	79,700	125
130	71.0	359.7	118,500	79,700	118,500	79,700	130
135	70.2	357.9	115,500	79,700	115,500	79,700	135
140	69.4	356.0	112,600	79,700	112,600	79,700	140
145	68.6	354.0	109,900	79,700	109,900	79,700	145
150	67.7	351.9	107,300	79,600	107,300	79,600	150
155	66.9	349.8	104,700	79,500	104,700	79,500	155
160	66.1	347.6	100,800	79,400	102,200	79,400	160
165	65.2	345.2	96,100	79,400	99,700	79,400	165
170	64.4	342.8	91,600	79,200	97,400	79,200	170
180	62.7	337.7	83,200	78,500	93,000	79,100	180
190	60.9	332.2	75,400	71,300	89,000	78,900	190
200	59.1	326.3	68,500	64,800	85,300	78,700	200
210	57.3	320.0	62,200	58,900	81,800	76,100	210
220	55.5	313.2	56,500	53,500	78,800	73,400	220
230	53.6	305.9	51,300	48,600	75,400	70,800	230
240	51.6	298.1	46,500	44,100	69,300	66,700	240
250	49.6	289.8	42,100	40,000	63,800	61,500	250
260	47.6	280.8	38,100	36,100	58,900	56,900	260
270	45.4	271.1	34,300	32,600	54,500	52,700	270
280	43.2	260.7	30,800	29,200	50,600	49,000	280
290	40.9	249.4	27,600	26,200	47,100	45,600	290
300	38.5	237.1	24,500	23,300	44,000	42,700	300
310	35.9	223.7	21,700	20,500	41,300	40,100	310
320	33.2	208.8	19,000	18,000	38,900	37,900	320
330	30.2	192.3	16,400	15,600	37,000	36,100	330
340	27.0	173.5	14,000	13,300	35,500	34,800	340
350	23.3	151.6	11,700	11,100	33,500	32,500	350
360	18.9	124.9			31,100	30,200	360

MLC300 VPC-MAX S-3



B60



474,100 lb



360°

 393.7 ft					
 34.8 ft	 48.0 ft	 0°	 0°	 0°	 0°
ft	°	ft	lb	lb	ft
45	84.7	398.8	113,500	113,500	45
50	84.0	398.3	113,500	113,500	50
55	83.2	397.7	113,500	113,500	55
60	82.5	397.0	113,500	113,500	60
65	81.8	396.3	113,500	113,500	65
70	81.0	395.5	113,500	113,500	70
75	80.3	394.6	113,400	113,400	75
80	79.5	393.7	113,300	113,300	80
85	78.8	392.6	113,200	113,200	85
90	78.1	391.6	113,100	113,100	90
95	77.3	390.4	113,000	113,000	95
100	76.6	389.2	112,900	112,900	100
105	75.8	388.0	112,700	112,700	105
110	75.1	386.6	112,200	112,200	110
115	74.3	385.2	111,500	111,500	115
120	73.5	383.7	110,700	110,700	120
125	72.8	382.1	109,900	109,900	125
130	72.0	380.5	108,300	108,300	130
135	71.2	378.8	105,600	105,600	135
140	70.5	377.0	103,100	103,100	140
145	69.7	375.1	100,600	100,600	145
150	68.9	373.2	98,200	98,200	150
155	68.1	371.2	95,900	95,900	155
160	67.3	369.1	93,700	93,700	160
165	66.5	366.9	91,500	91,500	165
170	65.7	364.6	89,400	89,400	170
180	64.1	359.8	80,800	85,300	180
190	62.5	354.7	73,000	81,600	190
200	60.8	349.2	66,100	78,100	200
210	59.1	343.3	59,800	74,900	210
220	57.4	337.0	54,100	72,000	220
230	55.7	330.2	48,900	68,600	230
240	53.9	323.0	44,100	62,600	240
250	52.0	315.3	39,700	57,300	250
260	50.2	307.1	35,700	52,500	260
270	48.2	298.3	31,900	48,100	270
280	46.2	288.9	28,400	44,100	280
290	44.1	278.8	25,200	40,500	290
300	42.0	267.9	22,100	37,300	300
310	39.7	256.1	19,300	34,300	310
320	37.4	243.3	16,600	31,700	320
330	34.9	229.4	14,100	29,300	330
340	32.2	214.0	11,700	27,200	340
350	29.3	196.9		25,400	350
360	26.1	177.4		22,700	360
370	22.5	154.8		20,100	370
380	18.3	127.1		17,700	380