

Liftcrane Boom Capacities

Boom No. B10:500

298,100 lb VPC (Variable Position Counterweight)

Crawler Machine on a Barge

0 Degree thru 3 Degree Static Machine List

No Travel - 360 Degree Rating - Two Swing Drives

**MLC300
SERIES 1**

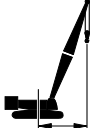
 **LIFTING CAPACITIES:** Lifting capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and may be based on percent of static tipping or strength 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 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 5,000 lb minimum weight. **Caution: Do not operate in areas indicated by (b) 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 uniformly supporting surface with machine list not to exceed degrees noted. Refer to Boom Rigging **No. 81023380**, Wire Rope Specification chart **No. 9341-A**, Counterweight Arrangement **No. 9345-A**, and Wind Conditions chart **No. 9344-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 two swing drives, 31 ft 10 in. crawlers, 48 in. or 60 in. treads, 30 ft live mast, 24 part boom hoist reeving, boom support straps, and 298,100 lb VPC.

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

Consult chart **No. 9551-A** when jib No. 148 is attached.

Deduct From Capacities When Jib No. 148 is Attached	
Jib Length (ft)	Deduct (lb)
39.4	23,300
59.1	31,900
78.7	40,600
98.4	49,700
118.1	62,300
137.8	70,100
Weight of jib and 6,500 lb suspended beneath jib point have been included in determination of deduct.	

Refer to Tables 1 and 2 for raising ability with the maximum weight of all load blocks, hooks, weight balls, slings, and hoist lines beneath boom point sheaves. For block weights shown with #, load blocks, hooks, weight balls, 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.

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

Table 1

Over End or Side of Crawlers				
Boom Length (ft)	Machine List			
	0°	1°	2°	3°
	Block Weight (lb)			
98.4 - 177.2	22,900	22,900	22,900	22,900
196.9	15,800	15,800	15,800	15,800
216.5	8,300	8,300	8,300	8,300
236.2	8,300	8,300	8,300	8,300
255.9	#	#	#	#
275.6	Raising Not Permitted			
295.3				

Table 2

Over End of Blocked Crawlers				
Boom Length (ft)	Machine List			
	0°	1°	2°	3°
	Block Weight (lb)			
98.4 - 177.2	22,900	22,900	22,900	22,900
196.9	15,800	15,800	15,800	15,800
216.5	8,300	8,300	8,300	8,300
236.2	8,300	8,300	8,300	8,300
255.9	#	#	#	#
275.6	#	#	#	#
295.3	#	Raising Not Permitted		
Warning: Crane must remain in-line with crawlers when raising over end of blocked crawlers until operating radius is within 360 degree chart. <i>Crane tipping or structural damage can occur.</i>				

Explanation of Symbols



Boom No. B10:500



VPC (Variable Position Counterweight)



360 Degree Rating



Boom Length



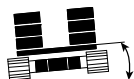
Operating Radius
(see page 1)



Boom Angle
(see page 1)



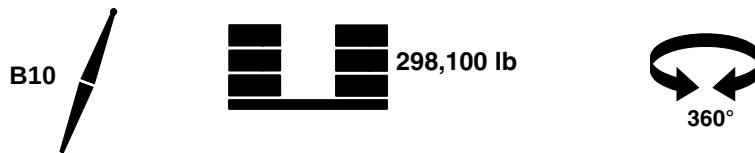
Boom Point Elevation
(see page 1)



Machine List

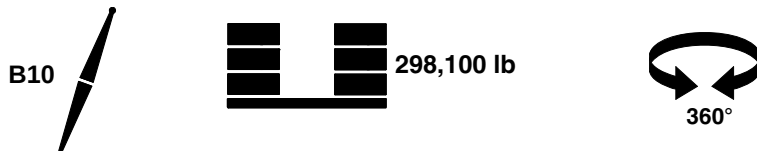


Lifting Capacities
(see page 1)

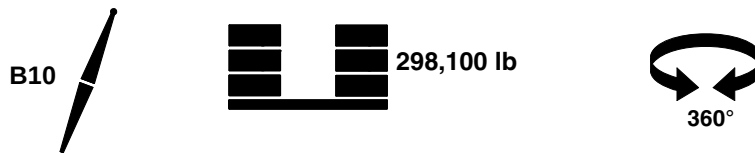


ft	°	ft	lb	lb	lb	lb	ft
18	84.5	104.8	661,400 b				18
19	83.9	104.6	661,400 b	539,400 b			19
20	83.3	104.5	661,400 b	539,100 b			20
21	82.7	104.3	648,700 b	538,800 b	405,100 b		21
22	82.1	104.2	626,300 b	538,500 b	404,900 b		22
24	80.9	103.8	585,600	514,300	404,400 b	314,100b	24
26	79.8	103.4	540,600	452,700	399,400	313,800b	26
28	78.6	102.9	474,200	404,000	360,300	313,600	28
30	77.4	102.4	422,100	364,700	328,000	296,700	30
32	76.2	101.9	380,100	332,200	301,000	273,900	32
34	74.9	101.3	345,600	305,000	278,000	254,400	34
36	73.7	100.6	316,700	281,800	258,200	237,400	36
38	72.5	99.9	292,200	261,800	241,000	222,500	38
40	71.3	99.2	271,100	244,400	225,900	209,300	40
45	68.1	97.1	229,400	209,400	195,200	182,200	45
50	64.9	94.8	198,500	182,900	171,600	161,200	50
55	61.6	92.0	174,800	162,200	153,000	144,400	55
60	58.1	88.8	155,900	145,600	138,000	130,800	60
65	54.5	85.2	140,500	132,000	125,500	119,400	65
70	50.8	81.1	127,800	120,600	115,100	109,900	70
75	46.8	76.4	117,000	110,900	106,200	101,700	75
80	42.5	71.0	107,900	102,700	98,600	94,700	80
85	37.7	64.6	99,900	95,500	92,000	88,700	85
90	32.4	56.9	93,000	89,200	86,300	83,400	90
95	26.0	47.1	86,900	83,800	81,300	78,800	95
100	17.4	33.1	81,500	79,000	77,000	75,000	100

MLC300 S-1

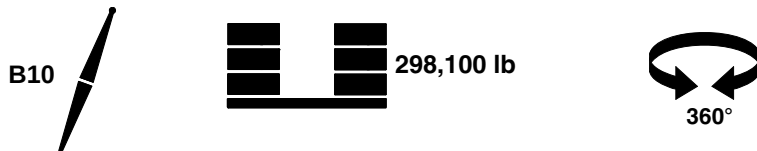


ft	°	ft	lb	lb	lb	lb	ft
19	84.9	124.5	649,700 b				19
20	84.4	124.4	646,400 b				20
21	83.9	124.2	631,200	520,900 b			21
22	83.5	124.1	610,200	516,400 b			22
24	82.5	123.8	571,900	503,300	393,400 b		24
26	81.5	123.4	538,000	444,600	385,100	306,000 b	26
28	80.5	123.0	479,700	398,000	348,800	305,700	28
30	79.5	122.6	427,100	360,100	318,700	284,200	30
32	78.5	122.2	384,700	328,700	293,300	263,300	32
34	77.5	121.7	349,900	302,200	271,500	245,200	34
36	76.5	121.2	320,700	279,700	252,700	229,400	36
38	75.5	120.6	296,000	260,100	236,300	215,500	38
40	74.5	120.0	274,700	243,100	221,900	203,100	40
45	71.9	118.3	232,600	208,800	192,300	177,600	45
50	69.3	116.4	201,400	182,700	169,600	157,600	50
55	66.7	114.2	177,300	162,300	151,500	141,600	55
60	64.0	111.7	158,300	145,900	136,900	128,500	60
65	61.2	108.9	142,800	132,400	124,700	117,500	65
70	58.3	105.8	129,900	121,100	114,500	108,200	70
75	55.4	102.3	119,100	111,500	105,700	100,300	75
80	52.3	98.5	109,800	103,200	98,200	93,400	80
85	49.1	94.1	101,800	96,100	91,700	87,400	85
90	45.7	89.2	94,800	89,800	85,900	82,200	90
95	42.1	83.7	88,700	84,300	80,800	77,500	95
100	38.2	77.4	83,200	79,300	76,300	73,400	100
105	33.9	70.1	78,300	75,000	72,300	69,700	105
110	29.0	61.3	73,000	70,800	68,700	66,400	110
115	23.1	50.3	67,800	66,100	64,800	63,500	115



ft	°	ft	lb	lb	lb	lb	ft
21	84.8	144.1	590,500				21
22	84.4	143.9	587,600				22
24	83.6	143.7	555,000	455,600			24
26	82.7	143.4	523,300	434,800	366,500		26
28	81.9	143.1	482,900	390,200	336,500	289,600	28
30	81.0	142.7	429,900	353,800	308,300	271,300	30
32	80.2	142.3	387,200	323,500	284,400	252,100	32
34	79.3	141.9	352,200	297,900	263,900	235,400	34
36	78.5	141.5	322,800	275,900	246,100	220,700	36
38	77.6	141.0	297,800	256,900	230,400	207,700	38
40	76.8	140.5	276,400	240,300	216,600	196,100	40
45	74.6	139.1	234,000	206,700	188,300	172,000	45
50	72.4	137.4	202,600	181,200	166,300	153,000	50
55	70.2	135.6	178,400	161,100	148,800	137,700	55
60	68.0	133.5	159,200	144,800	134,600	125,100	60
65	65.7	131.2	143,600	131,500	122,700	114,600	65
70	63.3	128.7	130,600	120,300	112,700	105,600	70
75	61.0	125.9	119,700	110,800	104,100	97,900	75
80	58.5	122.8	110,400	102,600	96,800	91,200	80
85	56.0	119.4	102,300	95,500	90,300	85,400	85
90	53.4	115.7	95,300	89,200	84,600	80,200	90
95	50.7	111.5	89,100	83,700	79,600	75,600	95
100	47.9	107.0	83,600	78,800	75,100	71,500	100
105	45.0	102.0	78,300	74,400	71,100	67,900	105
110	41.9	96.4	72,800	69,800	67,500	64,500	110
115	38.5	90.2	67,700	65,200	63,300	61,500	115
120	34.9	83.1	63,200	60,900	59,300	57,700	120
125	31.0	75.0	59,000	57,000	55,600	54,200	125
130	26.4	65.2	55,100	53,400	52,200	51,000	130
135	20.9	53.0	51,500	50,100	49,100	48,100	135

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ft	°	ft	lb	lb	lb	lb	ft
24	84.4	163.5	536,900				24
26	83.6	163.3	507,900	404,100			26
28	82.9	163.0	481,400	383,600	325,600		28
30	82.2	162.7	433,800	348,500	299,100		30
32	81.4	162.3	390,700	319,100	276,600	242,100	32
34	80.7	162.0	355,300	294,200	257,100	226,500	34
36	79.9	161.6	325,600	272,900	240,100	212,800	36
38	79.2	161.2	300,400	254,300	225,200	200,600	38
40	78.5	160.7	278,800	238,100	212,000	189,700	40
45	76.6	159.5	236,000	205,100	184,700	166,900	45
50	74.7	158.1	204,300	180,000	163,500	148,900	50
55	72.8	156.5	179,800	160,100	146,500	134,200	55
60	70.9	154.8	160,500	144,100	132,600	122,100	60
65	68.9	152.8	144,700	130,900	121,000	112,000	65
70	66.9	150.6	131,600	119,800	111,200	103,300	70
75	64.9	148.3	120,600	110,300	102,800	95,800	75
80	62.9	145.7	111,200	102,200	95,500	89,300	80
85	60.8	142.8	103,100	95,100	89,200	83,600	85
90	58.6	139.8	96,000	88,900	83,600	78,500	90
95	56.4	136.4	89,700	83,400	78,600	74,000	95
100	54.2	132.8	83,500	78,500	74,100	70,000	100
105	51.9	128.9	77,400	73,400	70,200	66,400	105
110	49.5	124.6	71,900	68,300	65,700	63,100	110
115	47.0	119.9	66,900	63,700	61,400	59,100	115
120	44.4	114.8	62,300	59,500	57,400	55,400	120
125	41.7	109.2	58,100	55,600	53,800	52,000	125
130	38.8	103.0	54,300	52,100	50,400	48,800	130
135	35.7	96.1	50,800	48,800	47,300	45,900	135
140	32.3	88.3	47,500	45,800	44,500	43,200	140
145	28.6	79.3	44,500	42,900	41,800	40,700	145
150	24.3	68.7	41,600	40,300	39,300	38,300	150
155	19.1	55.2	38,900	37,800	37,000	36,200	155



ft	°	ft	lb	lb	lb	lb	ft
24	85.0	183.3	491,000				24
26	84.3	183.1	486,800				26
28	83.7	182.8	467,000	360,700			28
30	83.0	182.6	437,600	343,400			30
32	82.4	182.3	394,300	315,100	269,300		32
34	81.7	182.0	358,700	291,000	250,900	218,500	34
36	81.1	181.6	328,800	270,300	234,800	205,800	36
38	80.4	181.2	303,500	252,200	220,600	194,400	38
40	79.8	180.9	281,700	236,400	208,000	184,200	40
45	78.1	179.8	238,600	204,200	181,900	162,700	45
50	76.4	178.5	206,700	179,500	161,400	145,600	50
55	74.8	177.1	182,100	160,000	145,000	131,600	55
60	73.1	175.6	162,600	144,300	131,500	120,100	60
65	71.4	173.9	146,700	131,200	120,200	110,300	65
70	69.6	172.0	133,600	120,200	110,700	101,900	70
75	67.9	169.9	122,500	110,900	102,500	94,700	75
80	66.1	167.7	113,000	102,800	95,400	88,400	80
85	64.3	165.3	104,900	95,800	89,100	82,900	85
90	62.5	162.6	97,700	89,600	83,600	78,000	90
95	60.6	159.8	90,200	84,200	78,700	73,600	95
100	58.7	156.7	83,400	78,200	74,400	69,700	100
105	56.8	153.4	77,200	72,600	69,300	66,100	105
110	54.8	149.9	71,700	67,600	64,600	61,800	110
115	52.8	146.1	66,700	63,000	60,300	57,800	115
120	50.7	142.0	62,200	58,800	56,400	54,100	120
125	48.5	137.5	58,000	55,000	52,800	50,700	125
130	46.3	132.7	54,200	51,500	49,500	47,600	130
135	44.0	127.6	50,700	48,300	46,500	44,800	135
140	41.5	121.9	47,500	45,300	43,700	42,100	140
145	39.0	115.8	44,500	42,500	41,000	39,600	145
150	36.2	109.0	41,700	39,900	38,600	37,300	150
155	33.3	101.5	39,100	37,500	36,300	35,100	155
160	30.1	93.0	36,600	35,200	34,100	33,100	160
165	26.6	83.3	34,300	33,000	32,100	31,200	165
170	22.5	71.8	32,100	31,000	30,200	29,400	170
175	17.5	57.1	30,000	29,100	28,400	27,700	175

MLC300 S-1



ft	°	ft	lb	lb	lb	lb	ft
26	84.9	202.9	424,000				26
28	84.3	202.7	420,800				28
30	83.7	202.4	410,900	308,300			30
32	83.2	202.2	398,300	304,600			32
34	82.6	201.9	362,400	287,800	244,800		34
36	82.0	201.6	332,200	267,600	229,500	198,700	36
38	81.4	201.2	306,700	250,100	215,900	188,000	38
40	80.8	200.9	284,700	234,600	203,800	178,400	40
45	79.3	199.9	241,200	203,000	178,700	158,100	45
50	77.8	198.8	208,900	178,800	158,900	141,800	50
55	76.3	197.6	184,100	159,500	143,000	128,500	55
60	74.8	196.2	164,400	143,900	129,900	117,400	60
65	73.3	194.7	148,400	131,000	118,900	108,000	65
70	71.8	193.0	135,100	120,200	109,600	100,000	70
75	70.2	191.2	124,000	110,900	101,500	93,000	75
80	68.6	189.2	114,400	102,900	94,600	86,900	80
85	67.1	187.0	105,400	95,900	88,400	81,500	85
90	65.5	184.7	96,600	89,200	83,000	76,800	90
95	63.8	182.3	88,800	82,300	77,700	72,500	95
100	62.2	179.6	82,000	76,100	72,000	68,200	100
105	60.5	176.7	75,800	70,600	66,900	63,400	105
110	58.8	173.7	70,300	65,600	62,300	59,100	110
115	57.1	170.4	65,300	61,100	58,100	55,200	115
120	55.3	167.0	60,700	56,900	54,200	51,600	120
125	53.5	163.2	56,600	53,200	50,700	48,300	125
130	51.6	159.3	52,800	49,700	47,400	45,200	130
135	49.7	155.0	49,300	46,400	44,400	42,400	135
140	47.7	150.5	46,100	43,500	41,600	39,800	140
145	45.7	145.6	43,100	40,700	39,000	37,300	145
150	43.6	140.3	40,300	38,100	36,500	35,000	150
155	41.4	134.7	37,700	35,700	34,300	32,900	155
160	39.1	128.5	35,300	33,500	32,100	30,800	160
165	36.7	121.9	33,000	31,300	30,100	28,900	165
170	34.1	114.6	30,800	29,300	28,200	27,200	170
175	31.3	106.5	28,800	27,500	26,500	25,500	175
180	28.3	97.4	26,900	25,700	24,800	23,900	180
185	24.9	86.9	25,100	24,000	23,200	22,400	185
190	21.0	74.5	23,400	22,400	21,700	21,000	190
195	16.2	58.7	21,700	20,900	20,300	19,700	195

MLC300 S-1



B10



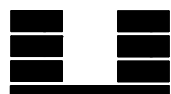
298,100 lb



360°

216.5 ft							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
28	84.8	222.5	373,400				28
30	84.3	222.3	366,500				30
32	83.8	222.0	357,400	271,100			32
34	83.2	221.8	348,600	270,400			34
36	82.7	221.5	334,400	264,300	210,100		36
38	82.2	221.2	308,700	247,200	209,600		38
40	81.6	220.9	286,600	232,100	199,400	169,600	40
45	80.3	220.0	242,800	201,300	175,200	153,500	45
50	78.9	219.0	210,400	177,500	156,200	138,100	50
55	77.6	217.9	185,500	158,600	140,800	125,400	55
60	76.2	216.6	165,700	143,200	128,000	114,700	60
65	74.9	215.2	149,500	130,500	117,300	105,700	65
70	73.5	213.7	136,200	119,700	108,200	97,900	70
75	72.1	212.1	124,900	110,600	100,400	91,200	75
80	70.7	210.3	115,100	102,600	93,600	85,300	80
85	69.3	208.4	105,000	95,700	87,600	80,100	85
90	67.8	206.3	96,200	88,000	82,300	75,500	90
95	66.4	204.1	88,400	81,200	76,200	71,300	95
100	64.9	201.8	81,500	75,100	70,600	66,400	100
105	63.4	199.2	75,400	69,600	65,600	61,800	105
110	61.9	196.6	69,900	64,700	61,000	57,600	110
115	60.4	193.7	64,900	60,200	56,900	53,700	115
120	58.9	190.7	60,300	56,100	53,100	50,200	120
125	57.3	187.4	56,200	52,300	49,600	46,900	125
130	55.7	184.0	52,400	48,900	46,300	43,900	130
135	54.0	180.4	48,900	45,700	43,300	41,100	135
140	52.4	176.5	45,600	42,700	40,600	38,500	140
145	50.7	172.4	42,700	40,000	38,000	36,100	145
150	48.9	168.0	39,900	37,400	35,600	33,900	150
155	47.1	163.4	37,300	35,000	33,300	31,700	155
160	45.2	158.4	34,900	32,800	31,200	29,700	160
165	43.3	153.1	32,600	30,700	29,200	27,900	165
170	41.3	147.4	30,500	28,700	27,400	26,100	170
175	39.2	141.3	28,500	26,800	25,600	24,500	175
180	37.0	134.7	26,600	25,100	24,000	22,900	180
185	34.7	127.6	24,800	23,400	22,400	21,400	185
190	32.3	119.7	23,100	21,800	20,900	20,000	190
195	29.6	111.1	21,500	20,300	19,500	18,600	195
200	26.7	101.4	20,000	18,900	18,100	17,400	200
205	23.5	90.2	18,500	17,600	16,900	16,200	205
210	19.7	77.0	17,100	16,200	15,600	15,000	210
215	15.1	60.1	15,700	15,000	14,500	13,900	215

MLC300 S-1



298,100 lb



360°

ft	°	ft	lb	lb	lb	lb	ft
30	84.8	242.1	308,900				30
32	84.3	241.8	307,700				32
34	83.8	241.6	306,500	222,800			34
36	83.3	241.3	302,800	222,200			36
38	82.8	241.1	295,800	221,500	171,300		38
40	82.3	240.8	289,000	220,900	170,900		40
45	81.1	240.0	245,300	199,900	169,900	136,700	45
50	79.9	239.1	212,500	176,500	153,600	134,300	50
55	78.6	238.0	187,400	157,900	138,600	122,100	55
60	77.4	236.9	167,400	142,700	126,200	112,000	60
65	76.1	235.6	151,100	130,100	115,800	103,300	65
70	74.9	234.3	137,600	119,500	106,900	95,800	70
75	73.6	232.8	125,200	110,400	99,300	89,300	75
80	72.4	231.2	113,500	102,000	92,600	83,600	80
85	71.1	229.4	103,400	93,300	86,500	78,500	85
90	69.8	227.6	94,600	85,700	79,600	74,000	90
95	68.5	225.6	86,800	78,900	73,500	68,500	95
100	67.2	223.5	79,900	72,900	68,000	63,500	100
105	65.8	221.2	73,700	67,400	63,000	59,000	105
110	64.5	218.8	68,200	62,500	58,500	54,800	110
115	63.1	216.2	63,200	58,000	54,400	51,000	115
120	61.7	213.5	58,600	54,000	50,700	47,600	120
125	60.3	210.6	54,500	50,200	47,200	44,300	125
130	58.9	207.6	50,700	46,800	44,000	41,400	130
135	57.5	204.4	47,200	43,600	41,000	38,600	135
140	56.0	201.0	43,900	40,600	38,300	36,100	140
145	54.5	197.4	40,900	37,900	35,700	33,700	145
150	53.0	193.7	38,100	35,400	33,400	31,400	150
155	51.4	189.7	35,600	33,000	31,100	29,400	155
160	49.9	185.4	33,100	30,800	29,000	27,400	160
165	48.2	181.0	30,900	28,700	27,100	25,500	165
170	46.6	176.2	28,800	26,700	25,200	23,800	170
175	44.8	171.2	26,800	24,900	23,500	22,200	175
180	43.1	165.9	24,900	23,100	21,800	20,600	180
185	41.2	160.2	23,100	21,500	20,300	19,100	185
190	39.3	154.1	21,400	19,900	18,800	17,700	190
195	37.3	147.5	19,800	18,400	17,400	16,400	195
200	35.2	140.5	18,300	17,000	16,100	15,100	200
205	33.0	132.9	16,900	15,700	14,800	13,900	205
210	30.7	124.6	15,500	14,400	13,600	12,800	210
215	28.1	115.4	14,200	13,200	12,400	11,700	215
220	25.3	105.1	12,900	12,000	11,300	10,700	220
225	22.2	93.2	11,700	10,900	10,300		225
230	18.6	79.2	10,500				230

MLC300 S-1



B10



298,100 lb



360°

255.9 ft							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
32	84.7	261.6	256,400				32
34	84.3	261.4	255,300				34
36	83.8	261.2	254,300	183,800			36
38	83.4	260.9	253,300	183,200			38
40	82.9	260.7	252,300	182,700	140,200		40
45	81.8	259.9	247,100	181,400	139,400	111,100	45
50	80.7	259.1	214,200	175,200	138,600	110,600	50
55	79.5	258.1	188,800	156,900	136,400	110,000	55
60	78.4	257.1	168,700	142,000	124,400	109,300	60
65	77.2	255.9	152,300	129,500	114,300	101,000	65
70	76.1	254.7	138,400	119,000	105,600	93,800	70
75	74.9	253.3	124,700	110,000	98,100	87,500	75
80	73.8	251.8	112,900	100,500	91,500	82,000	80
85	72.6	250.3	102,800	91,900	84,600	77,100	85
90	71.4	248.5	93,900	84,400	77,800	71,900	90
95	70.2	246.7	86,100	77,600	71,800	66,500	95
100	69.0	244.8	79,200	71,600	66,400	61,600	100
105	67.8	242.7	73,000	66,200	61,500	57,200	105
110	66.6	240.5	67,500	61,300	57,100	53,100	110
115	65.3	238.2	62,500	56,900	53,000	49,400	115
120	64.1	235.8	57,900	52,800	49,300	45,900	120
125	62.8	233.2	53,700	49,100	45,900	42,800	125
130	61.6	230.5	49,900	45,700	42,700	39,900	130
135	60.3	227.6	46,400	42,500	39,800	37,200	135
140	59.0	224.6	43,200	39,600	37,100	34,600	140
145	57.6	221.4	40,200	36,900	34,500	32,300	145
150	56.3	218.0	37,400	34,400	32,200	30,100	150
155	54.9	214.5	34,800	32,000	30,000	28,000	155
160	53.5	210.8	32,400	29,800	27,900	26,100	160
165	52.1	206.9	30,100	27,700	25,900	24,200	165
170	50.7	202.8	28,000	25,700	24,100	22,500	170
175	49.2	198.5	26,000	23,900	22,400	20,900	175
180	47.7	193.9	24,100	22,200	20,700	19,400	180
185	46.1	189.1	22,400	20,500	19,200	17,900	185
190	44.5	184.0	20,700	19,000	17,700	16,500	190
195	42.9	178.6	19,100	17,500	16,300	15,200	195
200	41.2	172.9	17,600	16,100	15,000	13,900	200
205	39.4	166.8	16,200	14,800	13,800	12,800	205
210	37.6	160.4	14,800	13,500	12,600	11,600	210
215	35.7	153.4	13,500	12,300	11,400	10,500	215
220	33.6	146.0	12,300	11,100	10,300		220
225	31.5	137.9	11,100	10,000			225

MLC300 S-1



ft	°	ft	lb	lb	lb	lb	ft
34	84.7	281.2	216,000				34
36	84.3	281.0	215,100				36
38	83.9	280.8	214,200	153,400			38
40	83.4	280.5	213,300	152,900			40
45	82.4	279.8	211,000	151,700	115,300		45
50	81.3	279.1	208,800	150,500	114,500	90,100	50
55	80.3	278.2	190,600	149,300	113,800	89,600	55
60	79.2	277.2	170,300	141,300	113,000	89,100	60
65	78.2	276.1	153,300	129,000	112,300	88,700	65
70	77.1	275.0	136,900	118,600	104,200	88,200	70
75	76.0	273.7	123,100	107,700	96,800	85,500	75
80	74.9	272.4	111,400	98,000	89,200	80,100	80
85	73.9	270.9	101,200	89,500	81,700	74,800	85
90	72.8	269.3	92,300	82,000	75,100	68,900	90
95	71.7	267.7	84,500	75,400	69,200	63,500	95
100	70.6	265.9	77,600	69,400	63,800	58,700	100
105	69.5	264.0	71,400	64,000	59,000	54,400	105
110	68.3	262.0	65,800	59,200	54,600	50,400	110
115	67.2	259.9	60,800	54,800	50,600	46,700	115
120	66.1	257.6	56,200	50,700	46,900	43,400	120
125	64.9	255.3	52,000	47,000	43,500	40,200	125
130	63.8	252.8	48,200	43,600	40,400	37,400	130
135	62.6	250.2	44,700	40,500	37,500	34,700	135
140	61.4	247.4	41,400	37,600	34,800	32,200	140
145	60.2	244.6	38,400	34,800	32,300	29,900	145
150	59.0	241.5	35,700	32,300	29,900	27,700	150
155	57.8	238.4	33,100	30,000	27,800	25,700	155
160	56.5	235.0	30,600	27,800	25,700	23,700	160
165	55.3	231.6	28,400	25,700	23,800	21,900	165
170	54.0	227.9	26,200	23,700	21,900	20,200	170
175	52.7	224.1	24,300	21,900	20,200	18,600	175
180	51.3	220.1	22,400	20,200	18,600	17,100	180
185	50.0	215.9	20,600	18,600	17,100	15,600	185
190	48.6	211.4	18,900	17,000	15,600	14,300	190
195	47.2	206.8	17,300	15,500	14,200	13,000	195
200	45.7	201.9	15,800	14,100	12,900	11,700	200
205	44.2	196.8	14,400	12,800	11,700	10,600	205
210	42.7	191.4	13,000	11,600	10,500		210
215	41.1	185.6	11,700	10,400			215
220	39.5	179.6	10,500				220

MLC300 S-1



B10



298,100 lb



360°

295.3 ft			
ft	°	ft	lb
36	84.7	300.8	181,900
38	84.3	300.6	181,100
40	83.9	300.4	180,300
45	82.9	299.7	178,500
50	81.9	299.0	172,400
55	80.9	298.2	165,100
60	80.0	297.3	158,300
65	79.0	296.3	152,100
70	78.0	295.2	136,600
75	77.0	294.0	122,800
80	76.0	292.8	111,000
85	75.0	291.4	100,900
90	74.0	289.9	92,000
95	72.9	288.4	84,200
100	71.9	286.7	77,200
105	70.9	285.0	71,000
110	69.9	283.1	65,500
115	68.8	281.2	60,400
120	67.8	279.1	55,900
125	66.7	277.0	51,700
130	65.6	274.7	47,900
135	64.6	272.3	44,400
140	63.5	269.8	41,100
145	62.4	267.1	38,100
150	61.3	264.4	35,300
155	60.2	261.5	32,700
160	59.0	258.5	30,300
165	57.9	255.3	28,100
170	56.7	252.0	25,900
175	55.5	248.6	23,900
180	54.3	245.0	22,100
185	53.1	241.2	20,300
190	51.9	237.3	18,600
195	50.6	233.2	17,000
200	49.4	228.9	15,500
205	48.1	224.4	14,100
210	46.7	219.7	12,800
215	45.4	214.8	11,500
220	44.0	209.6	10,200