

Liftcrane Boom Capacities

Boom No. B10:500
474,400 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 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 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 474,400 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. 9549-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 Table 1 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. For boom lengths shown with (a), upper boom point must be removed. 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 - 216.5	22,900	22,900	22,900	22,900
236.2	22,900	8,300	8,300	8,300
255.9	15,800	8,300	8,300	8,300
275.6	8,300	#	#	#
295.3	#	#	#	#
315.0	#	#	#	#
(a)334.6	#	Raising Not Permitted		

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)



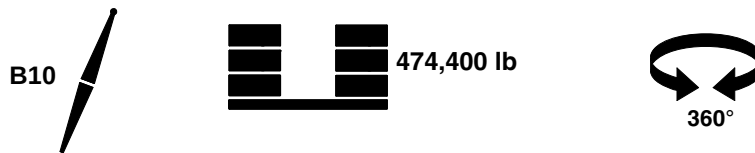
Boom Point Elevation
(see page 1)



Machine List



Lifting Capacities
(see page 1)

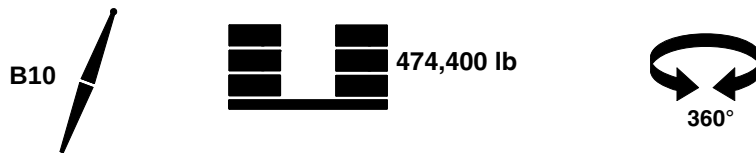


ft	°	ft	lb	lb	lb	lb	ft
18	84.5	104.8	661,400 b				18
19	83.9	104.6	661,400 b	539,400 b			19
20	83.3	104.5	661,400 b	539,100 b			20
21	82.7	104.3	661,400 b	538,800 b	405,100 b		21
22	82.1	104.2	654,900 b	538,500 b	404,900 b		22
24	80.9	103.8	612,400	537,900	404,400 b	314,100b	24
26	79.8	103.4	575,000	524,600	404,000	313,800b	26
28	78.6	102.9	541,700	496,800	403,600	313,600	28
30	77.4	102.4	512,000	471,600	403,200	313,300	30
32	76.2	101.9	484,300	441,900	400,100	313,100	32
34	74.9	101.3	455,800	405,900	369,800	312,900	34
36	73.7	100.6	422,000	375,200	343,600	312,600	36
38	72.5	99.9	389,500	348,800	320,900	296,000	38
40	71.3	99.2	361,600	325,800	301,000	278,700	40
45	68.1	97.1	306,400	279,500	260,400	242,900	45
50	64.9	94.8	265,500	244,500	229,300	215,200	50
55	61.6	92.0	234,100	217,100	204,700	193,100	55
60	58.1	88.8	209,100	195,100	184,800	175,100	60
65	54.5	85.2	188,700	177,100	168,400	160,100	65
70	50.8	81.1	171,900	162,100	154,600	147,500	70
75	46.8	76.4	157,700	149,300	142,900	136,700	75
80	42.5	71.0	145,500	138,400	132,800	127,500	80
85	37.7	64.6	135,000	128,900	124,100	119,400	85
90	32.4	56.9	125,900	120,600	116,500	112,400	90
95	26.0	47.1	117,800	113,400	109,900	106,400	95
100	17.4	33.1	110,600	107,100	104,200	101,300	100



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	643,200	520,900 b			21
22	83.5	124.1	637,600	516,400 b			22
24	82.5	123.8	597,800	507,100	393,400 b		24
26	81.5	123.4	562,500	498,100	392,900	306,000 b	26
28	80.5	123.0	530,900	479,200	392,400	305,700	28
30	79.5	122.6	502,600	455,900	391,900	305,400	30
32	78.5	122.2	477,000	434,800	389,200	305,100	32
34	77.5	121.7	453,800	401,300	360,500	304,800	34
36	76.5	121.2	426,000	371,500	335,800	304,500	36
38	75.5	120.6	393,300	345,700	314,100	286,500	38
40	74.5	120.0	365,100	323,300	295,100	270,200	40
45	71.9	118.3	309,500	277,900	256,100	236,400	45
50	69.3	116.4	268,400	243,600	226,100	210,100	50
55	66.7	114.2	236,600	216,600	202,200	189,000	55
60	64.0	111.7	211,500	194,900	182,900	171,700	60
65	61.2	108.9	191,000	177,100	166,800	157,200	65
70	58.3	105.8	174,000	162,200	153,300	145,000	70
75	55.4	102.3	159,700	149,500	141,800	134,500	75
80	52.3	98.5	147,500	138,600	131,900	125,400	80
85	49.1	94.1	136,900	129,200	123,200	117,500	85
90	45.7	89.2	127,700	120,900	115,600	110,600	90
95	42.1	83.7	119,600	113,600	108,900	104,400	95
100	38.2	77.4	112,400	107,100	102,900	98,900	100
105	33.9	70.1	105,900	101,300	97,600	94,000	105
110	29.0	61.3	100,100	96,100	92,900	89,700	110
115	23.1	50.3	94,900	91,400	88,700	85,900	115

MLC300 S-3

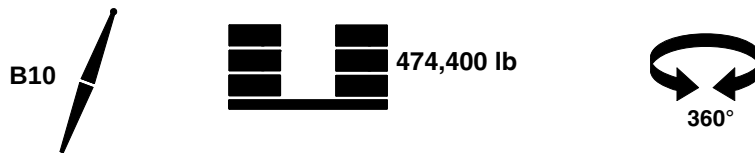


ft	°	ft	lb	lb	lb	lb	ft
21	84.8	144.1	590,500				21
22	84.4	143.9	587,600				22
24	83.6	143.7	579,800	455,600			24
26	82.7	143.4	546,900	448,200	366,500		26
28	81.9	143.1	517,300	441,100	365,300	289,600	28
30	81.0	142.7	490,600	434,200	363,200	288,900	30
32	80.2	142.3	466,300	418,500	358,400	288,200	32
34	79.3	141.9	444,300	395,100	350,300	287,500	34
36	78.5	141.5	424,200	366,200	326,800	286,700	36
38	77.6	141.0	395,100	341,200	306,200	276,200	38
40	76.8	140.5	366,900	319,300	288,100	260,900	40
45	74.6	139.1	311,000	275,000	250,700	229,200	45
50	72.4	137.4	269,600	241,300	221,700	204,200	50
55	70.2	135.6	237,700	214,800	198,700	184,000	55
60	68.0	133.5	212,400	193,400	179,800	167,400	60
65	65.7	131.2	191,800	175,800	164,200	153,500	65
70	63.3	128.7	174,700	161,000	151,000	141,700	70
75	61.0	125.9	160,300	148,500	139,700	131,500	75
80	58.5	122.8	148,000	137,700	130,000	122,700	80
85	56.0	119.4	137,400	128,300	121,500	114,900	85
90	53.4	115.7	128,200	120,100	114,000	108,100	90
95	50.7	111.5	120,000	112,800	107,300	102,000	95
100	47.9	107.0	112,800	106,300	101,400	96,600	100
105	45.0	102.0	106,300	100,500	96,100	91,700	105
110	41.9	96.4	100,500	95,300	91,300	87,400	110
115	38.5	90.2	95,200	90,600	87,000	83,400	115
120	34.9	83.1	90,500	86,300	83,000	79,800	120
125	31.0	75.0	86,100	82,400	79,500	76,600	125
130	26.4	65.2	82,100	78,900	76,200	73,700	130
135	20.9	53.0	78,500	75,600	73,300	71,100	135

MLC300 S-3

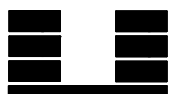


ft	°	ft	lb	lb	lb	lb	ft
24	84.4	163.5	536,900				24
26	83.6	163.3	530,400	404,100			26
28	82.9	163.0	502,800	398,300	329,100		28
30	82.2	162.7	477,900	392,500	325,000		30
32	81.4	162.3	455,100	387,000	321,000	273,800	32
34	80.7	162.0	434,300	381,000	317,000	270,900	34
36	79.9	161.6	415,200	361,700	312,600	267,700	36
38	79.2	161.2	397,600	337,300	299,200	264,400	38
40	78.5	160.7	369,300	315,900	281,700	252,600	40
45	76.6	159.5	312,900	272,600	245,800	222,500	45
50	74.7	158.1	271,200	239,400	217,900	198,700	50
55	72.8	156.5	239,100	213,300	195,500	179,400	55
60	70.9	154.8	213,600	192,200	177,200	163,500	60
65	68.9	152.8	192,900	174,800	161,900	150,100	65
70	66.9	150.6	175,700	160,200	149,000	138,600	70
75	64.9	148.3	161,200	147,800	137,900	128,800	75
80	62.9	145.7	148,800	137,100	128,300	120,200	80
85	60.8	142.8	138,200	127,700	120,000	112,700	85
90	58.6	139.8	128,800	119,500	112,600	106,000	90
95	56.4	136.4	120,600	112,300	106,000	100,000	95
100	54.2	132.8	113,300	105,800	100,100	94,700	100
105	51.9	128.9	106,800	100,100	94,900	89,900	105
110	49.5	124.6	101,000	94,800	90,100	85,600	110
115	47.0	119.9	95,700	90,100	85,800	81,600	115
120	44.4	114.8	90,900	85,800	81,900	78,100	120
125	41.7	109.2	86,500	81,900	78,300	74,800	125
130	38.8	103.0	82,500	78,300	75,000	71,800	130
135	35.7	96.1	78,800	75,000	72,000	69,000	135
140	32.3	88.3	75,400	72,000	69,200	66,500	140
145	28.6	79.3	72,300	69,200	66,700	64,200	145
150	24.3	68.7	69,300	66,600	64,300	62,100	150
155	19.1	55.2	66,600	64,200	62,200	60,300	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	482,800	360,700			28
30	83.0	182.6	464,400	356,000			30
32	82.4	182.3	443,300	351,400	289,300		32
34	81.7	182.0	423,900	346,300	285,800	242,800	34
36	81.1	181.6	406,000	341,400	282,300	240,100	36
38	80.4	181.2	389,500	334,000	278,800	237,500	38
40	79.8	180.9	372,200	313,200	275,400	234,800	40
45	78.1	179.8	315,600	270,800	241,700	216,800	45
50	76.4	178.5	273,700	238,400	214,800	194,200	50
55	74.8	177.1	241,400	212,700	193,200	175,800	55
60	73.1	175.6	215,800	192,000	175,400	160,600	60
65	71.4	173.9	195,000	174,800	160,500	147,700	65
70	69.6	172.0	177,700	160,300	148,000	136,700	70
75	67.9	169.9	163,100	148,100	137,200	127,100	75
80	66.1	167.7	150,700	137,400	127,800	118,800	80
85	64.3	165.3	140,000	128,200	119,600	111,500	85
90	62.5	162.6	130,600	120,100	112,300	105,000	90
95	60.6	159.8	122,300	112,900	105,900	99,200	95
100	58.7	156.7	115,000	106,500	100,100	94,000	100
105	56.8	153.4	108,500	100,800	94,900	89,300	105
110	54.8	149.9	102,600	95,600	90,200	85,100	110
115	52.8	146.1	97,300	90,900	85,900	81,200	115
120	50.7	142.0	92,500	86,600	82,000	77,700	120
125	48.5	137.5	88,100	82,700	78,500	74,400	125
130	46.3	132.7	84,100	79,100	75,200	71,500	130
135	44.0	127.6	80,400	75,800	72,200	68,700	135
140	41.5	121.9	76,900	72,700	69,400	66,200	140
145	39.0	115.8	73,800	69,900	66,800	63,900	145
150	36.2	109.0	70,900	67,300	64,500	61,700	150
155	33.3	101.5	67,800	64,900	62,300	59,700	155
160	30.1	93.0	63,900	62,600	60,200	57,900	160
165	26.6	83.3	60,200	59,100	58,300	56,200	165
170	22.5	71.8	56,600	55,700	55,100	54,600	170
175	17.5	57.1	52,900	52,300	51,900	51,500	175

MLC300 S-3



474,400 lb



360°

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	399,600	304,600			32
34	82.6	201.9	388,600	300,700	248,200		34
36	82.0	201.6	378,100	296,900	245,400	208,400	36
38	81.4	201.2	367,800	289,700	242,600	206,300	38
40	80.8	200.9	357,900	282,700	240,000	204,200	40
45	79.3	199.9	318,100	266,000	231,700	199,100	45
50	77.8	198.8	275,900	236,900	211,400	189,400	50
55	76.3	197.6	243,400	211,700	190,400	171,800	55
60	74.8	196.2	217,600	191,200	173,100	157,100	60
65	73.3	194.7	196,600	174,200	158,700	144,700	65
70	71.8	193.0	179,200	160,000	146,400	134,100	70
75	70.2	191.2	164,600	147,800	135,800	124,900	75
80	68.6	189.2	152,100	137,300	126,600	116,800	80
85	67.1	187.0	141,200	128,100	118,500	109,700	85
90	65.5	184.7	131,800	120,100	111,400	103,400	90
95	63.8	182.3	123,500	112,900	105,100	97,800	95
100	62.2	179.6	116,100	106,500	99,400	92,700	100
105	60.5	176.7	109,500	100,800	94,300	88,100	105
110	58.8	173.7	103,600	95,600	89,600	83,900	110
115	57.1	170.4	98,300	91,000	85,400	80,100	115
120	55.3	167.0	93,400	86,700	81,600	76,700	120
125	53.5	163.2	89,000	82,800	78,000	73,500	125
130	51.6	159.3	84,900	79,200	74,800	70,600	130
135	49.7	155.0	81,200	75,900	71,800	67,800	135
140	47.7	150.5	77,800	72,900	69,000	65,300	140
145	45.7	145.6	73,800	70,000	66,500	63,000	145
150	43.6	140.3	69,700	67,400	64,100	60,900	150
155	41.4	134.7	65,800	63,800	61,900	58,900	155
160	39.1	128.5	62,200	60,400	59,000	57,000	160
165	36.7	121.9	58,700	57,100	55,900	54,800	165
170	34.1	114.6	55,400	54,000	53,000	52,000	170
175	31.3	106.5	52,200	51,000	50,100	49,300	175
180	28.3	97.4	49,200	48,100	47,400	46,600	180
185	24.9	86.9	46,200	45,300	44,700	44,100	185
190	21.0	74.5	43,300	42,600	42,100	41,600	190
195	16.2	58.7	40,300	39,800	39,500	39,100	195

MLC300 S-3



B10



474,400 lb



360°

216.5 ft							
ft	°	ft	lb	lb	lb	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	339,900	265,100	210,100		36
38	82.2	221.2	331,500	259,100	209,600		38
40	81.6	220.9	323,300	253,300	209,300	169,600	40
45	80.3	220.0	303,600	239,300	206,700	168,900	45
50	78.9	219.0	277,400	226,200	196,300	168,200	50
55	77.6	217.9	244,800	210,200	186,400	165,400	55
60	76.2	216.6	218,800	190,100	170,700	153,700	60
65	74.9	215.2	197,800	173,300	156,600	141,700	65
70	73.5	213.7	180,300	159,200	144,600	131,500	70
75	72.1	212.1	165,500	147,200	134,300	122,600	75
80	70.7	210.3	153,000	136,800	125,300	114,800	80
85	69.3	208.4	142,100	127,700	117,400	107,900	85
90	67.8	206.3	132,600	119,700	110,400	101,700	90
95	66.4	204.1	124,300	112,600	104,100	96,200	95
100	64.9	201.8	116,900	106,300	98,500	91,300	100
105	63.4	199.2	110,200	100,600	93,500	86,800	105
110	61.9	196.6	104,300	95,500	88,900	82,700	110
115	60.4	193.7	98,900	90,900	84,800	79,000	115
120	58.9	190.7	94,100	86,600	81,000	75,600	120
125	57.3	187.4	89,600	82,700	77,500	72,500	125
130	55.7	184.0	85,500	79,200	74,300	69,600	130
135	54.0	180.4	81,700	75,900	71,300	66,900	135
140	52.4	176.5	77,100	72,800	68,600	64,500	140
145	50.7	172.4	72,800	69,800	66,000	62,200	145
150	48.9	168.0	68,700	66,000	63,600	60,000	150
155	47.1	163.4	64,900	62,500	60,700	58,000	155
160	45.2	158.4	61,400	59,100	57,500	55,900	160
165	43.3	153.1	58,000	56,000	54,500	53,100	165
170	41.3	147.4	54,800	53,000	51,600	50,400	170
175	39.2	141.3	51,800	50,100	48,900	47,800	175
180	37.0	134.7	48,900	47,400	46,300	45,300	180
185	34.7	127.6	46,100	44,800	43,900	42,900	185
190	32.3	119.7	43,500	42,300	41,500	40,700	190
195	29.6	111.1	41,000	39,900	39,200	38,500	195
200	26.7	101.4	38,500	37,600	37,000	36,200	200
205	23.5	90.2	36,100	35,300	34,800	33,800	205
210	19.7	77.0	33,600	33,100	32,600	31,300	210
215	15.1	60.1	31,200	30,700	30,500	29,000	215

MLC300 S-3



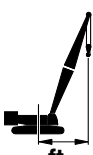
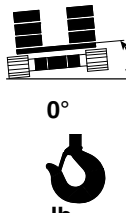
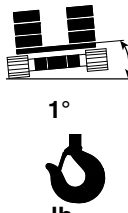
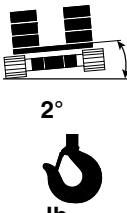
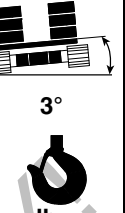
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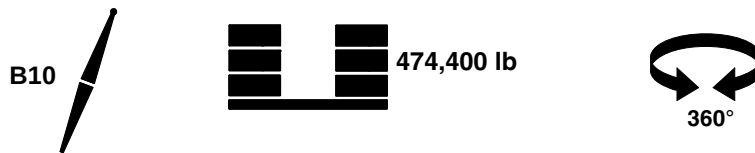


474,400 lb



236.2 ft

236.2 ft								
 ft	 °	 ft	 0° lb	 1° lb	 2° lb	 3° 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	272,500	213,300	169,900	136,700	45	
50	79.9	239.1	257,000	202,200	169,000	136,100	50	
55	78.6	238.0	242,300	191,600	165,500	135,400	55	
60	77.4	236.9	220,500	181,500	157,600	134,800	60	
65	76.1	235.6	199,300	172,100	150,000	132,700	65	
70	74.9	234.3	181,700	158,700	142,700	126,600	70	
75	73.6	232.8	166,900	146,800	132,700	120,200	75	
80	72.4	231.2	154,200	136,500	123,900	112,600	80	
85	71.1	229.4	143,300	127,500	116,200	105,900	85	
90	69.8	227.6	133,700	119,500	109,300	100,000	90	
95	68.5	225.6	125,300	112,500	103,200	94,600	95	
100	67.2	223.5	117,800	106,200	97,700	89,800	100	
105	65.8	221.2	111,200	100,600	92,700	85,400	105	
110	64.5	218.8	105,200	95,500	88,200	81,500	110	
115	63.1	216.2	99,800	90,800	84,100	77,800	115	
120	61.7	213.5	94,900	86,600	80,400	74,500	120	
125	60.3	210.6	89,100	82,700	76,900	71,400	125	
130	58.9	207.6	83,700	79,200	73,700	68,600	130	
135	57.5	204.4	78,800	74,600	70,800	65,900	135	
140	56.0	201.0	74,200	70,400	66,900	62,300	140	
145	54.5	197.4	69,900	66,500	63,000	58,800	145	
150	53.0	193.7	65,900	62,800	59,300	55,300	150	
155	51.4	189.7	62,200	59,300	55,800	52,100	155	
160	49.9	185.4	58,600	56,000	52,400	49,000	160	
165	48.2	181.0	55,300	52,600	49,100	45,900	165	
170	46.6	176.2	52,200	49,300	46,100	43,100	170	
175	44.8	171.2	49,300	46,100	43,100	40,400	175	
180	43.1	165.9	46,400	43,000	40,300	37,600	180	
185	41.2	160.2	43,800	40,000	37,500	35,100	185	
190	39.3	154.1	41,200	37,200	34,900	32,600	190	
195	37.3	147.5	38,800	34,500	32,300	30,200	195	
200	35.2	140.5	36,500	31,900	29,900	27,900	200	
205	33.0	132.9	34,200	29,400	27,500	25,700	205	
210	30.7	124.6	32,100	27,000	25,200	23,600	210	
215	28.1	115.4	30,000	24,600	23,000	21,500	215	
220	25.3	105.1	27,900	22,300	20,800	19,400	220	
225	22.2	93.2	25,900	20,200	18,800	17,400	225	
230	18.6	79.2	23,800	18,000	16,700	15,500	230	



ft	°	ft	lb	lb	lb	lb	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	249,900	181,400	139,400	111,100		45
50	80.7	259.1	247,400	180,100	138,600	110,600		50
55	79.5	258.1	243,900	178,800	137,800	110,000		55
60	78.4	257.1	221,800	177,600	137,000	109,500		60
65	77.2	255.9	200,500	171,700	136,200	109,000		65
70	76.1	254.7	182,800	158,000	135,500	108,400		70
75	74.9	253.3	167,900	146,200	131,200	108,000		75
80	73.8	251.8	155,200	136,000	122,600	107,500		80
85	72.6	250.3	144,200	127,100	115,000	104,100		85
90	71.4	248.5	134,600	119,200	108,200	98,300		90
95	70.2	246.7	126,100	112,200	102,200	93,100		95
100	69.0	244.8	118,600	106,000	96,800	88,400		100
105	67.8	242.7	111,900	100,400	91,900	84,100		105
110	66.6	240.5	105,900	95,300	87,500	80,200		110
115	65.3	238.2	99,400	90,700	83,400	76,700		115
120	64.1	235.8	93,100	86,500	79,700	73,400		120
125	62.8	233.2	87,400	81,900	76,300	70,400		125
130	61.6	230.5	82,000	77,000	73,200	67,700		130
135	60.3	227.6	77,100	72,600	69,300	65,100		135
140	59.0	224.6	72,600	68,400	65,400	62,600		140
145	57.6	221.4	68,300	64,500	61,700	59,100		145
150	56.3	218.0	64,400	60,900	58,300	55,900		150
155	54.9	214.5	60,700	57,400	55,100	52,900		155
160	53.5	210.8	57,200	54,200	52,100	50,000		160
165	52.1	206.9	54,000	51,200	49,200	47,300		165
170	50.7	202.8	50,900	48,300	46,500	44,700		170
175	49.2	198.5	48,000	45,600	43,900	42,300		175
180	47.7	193.9	45,200	43,000	41,500	40,000		180
185	46.1	189.1	42,600	40,600	39,200	37,800		185
190	44.5	184.0	40,100	38,300	36,900	35,700		190
195	42.9	178.6	37,800	36,100	34,800	33,700		195
200	41.2	172.9	35,500	33,900	32,800	31,700		200
205	39.4	166.8	33,300	31,900	30,900	29,900		205
210	37.6	160.4	31,300	30,000	29,000	28,100		210
215	35.7	153.4	29,300	28,100	27,200	26,400		215
220	33.6	146.0	27,300	26,300	25,500	24,800		220
225	31.5	137.9	25,500	24,500	23,800	23,200		225
230	29.3	129.1	23,700	22,800	22,200	21,600		230
235	26.8	119.4	21,900	21,200	20,600	20,100		235
240	24.1	108.5	20,200	19,600	19,100	18,700		240
245	21.1	96.0	18,500	17,900	17,500	17,200		245
250	17.6	81.1	16,700	16,300	16,000	15,700		250

MLC300 S-3



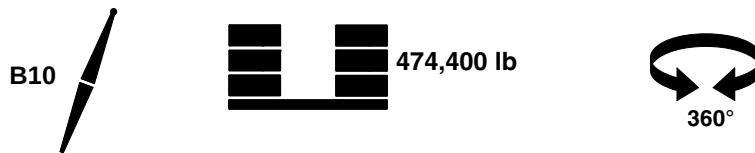
474,400 lb



275.6 ft

			0°	1°	2°	3°	
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	206,700	149,300	113,800	89,600	55
60	79.2	277.2	201,900	148,200	113,000	89,100	60
65	78.2	276.1	193,300	147,100	112,300	88,700	65
70	77.1	275.0	184,200	143,100	111,700	88,200	70
75	76.0	273.7	169,200	137,100	111,000	87,700	75
80	74.9	272.4	156,300	131,400	110,200	87,300	80
85	73.9	270.9	145,300	125,700	107,600	86,800	85
90	72.8	269.3	135,600	118,900	103,200	86,300	90
95	71.7	267.7	127,100	112,000	98,900	85,900	95
100	70.6	265.9	118,500	105,800	94,800	82,800	100
105	69.5	264.0	110,200	100,200	90,600	79,500	105
110	68.3	262.0	102,700	94,800	86,700	76,100	110
115	67.2	259.9	95,900	88,700	82,700	72,800	115
120	66.1	257.6	89,700	83,100	78,500	69,600	120
125	64.9	255.3	84,000	78,000	73,800	66,500	125
130	63.8	252.8	78,700	73,200	69,400	63,400	130
135	62.6	250.2	73,800	68,800	65,300	60,400	135
140	61.4	247.4	69,300	64,700	61,400	57,400	140
145	60.2	244.6	65,100	60,800	57,800	54,600	145
150	59.0	241.5	61,200	57,300	54,500	51,800	150
155	57.8	238.4	57,500	53,900	51,300	48,900	155
160	56.5	235.0	54,100	50,700	48,300	46,100	160
165	55.3	231.6	50,800	47,700	45,500	43,400	165
170	54.0	227.9	47,800	44,900	42,900	40,900	170
175	52.7	224.1	44,900	42,300	40,400	38,500	175
180	51.3	220.1	42,200	39,700	38,000	36,100	180
185	50.0	215.9	39,600	37,300	35,700	33,600	185
190	48.6	211.4	37,200	35,100	33,500	31,300	190
195	47.2	206.8	34,900	32,900	31,500	29,000	195
200	45.7	201.9	32,600	30,800	29,100	26,800	200
205	44.2	196.8	30,500	28,400	26,600	24,700	205
210	42.7	191.4	28,500	26,000	24,300	22,600	210
215	41.1	185.6	26,600	23,500	22,000	20,500	215
220	39.5	179.6	24,700	21,200	19,700	18,500	220
225	37.8	173.2	22,900	18,800	17,600	16,400	225
230	36.0	166.3	21,200	16,600	15,400	14,300	230
235	34.2	159.0	19,500	14,500	13,300	12,400	235
240	32.2	151.2	17,900	12,400	11,400	10,400	240
245	30.2	142.7	16,400	10,200			245
250	28.0	133.4	14,800				250
255	25.6	123.2	13,300				255
260	23.0	111.7	11,400				260

MLC300 S-3



ft	°	ft	lb	lb	lb	lb	lb	ft
36	84.7	300.8	181,900					36
38	84.3	300.6	181,100					38
40	83.9	300.4	180,300	127,800				40
45	82.9	299.7	178,500	127,000				45
50	81.9	299.0	172,400	126,100	95,500			50
					94,800	73,600		
55	80.9	298.2	165,100	125,100	94,200	73,200		55
60	80.0	297.3	158,300	124,100	93,600	72,800		60
65	79.0	296.3	152,100	123,100	93,000	72,500		65
70	78.0	295.2	146,300	122,200	92,400	72,000		70
75	77.0	294.0	140,900	119,400	91,900	71,600		75
80	76.0	292.8	135,700	115,400	91,300	71,200		80
85	75.0	291.4	131,000	111,600	90,700	70,800		85
90	74.0	289.9	126,500	107,900	90,100	70,500		90
95	72.9	288.4	122,400	104,500	89,600	70,100		95
100	71.9	286.7	118,400	101,400	89,100	69,700		100
105	70.9	285.0	110,500	98,300	88,600	69,400		105
110	69.9	283.1	103,000	94,300	85,800	69,000		110
115	68.8	281.2	96,100	88,300	81,900	68,700		115
120	67.8	279.1	89,800	82,700	77,700	68,300		120
125	66.7	277.0	84,100	77,600	73,000	68,000		125
130	65.6	274.7	78,800	72,800	68,600	64,800		130
135	64.6	272.3	73,900	68,400	64,600	61,000		135
140	63.5	269.8	69,400	64,300	60,700	57,400		140
145	62.4	267.1	65,100	60,500	57,200	54,100		145
150	61.3	264.4	61,200	56,900	53,800	51,000		150
155	60.2	261.5	57,500	53,500	50,700	48,000		155
160	59.0	258.5	54,100	50,400	47,800	45,300		160
165	57.9	255.3	50,800	47,400	45,000	42,700		165
170	56.7	252.0	47,800	44,600	42,300	40,200		170
175	55.5	248.6	44,900	42,000	39,800	37,800		175
180	54.3	245.0	42,200	39,400	37,500	35,600		180
185	53.1	241.2	39,600	37,100	35,200	33,500		185
190	51.9	237.3	37,200	34,800	33,100	31,400		190
195	50.6	233.2	34,900	32,600	31,000	29,500		195
200	49.4	228.9	32,700	30,600	29,100	27,700		200
205	48.1	224.4	30,600	28,600	27,200	25,900		205
210	46.7	219.7	28,500	26,700	25,400	24,200		210
215	45.4	214.8	26,600	24,900	23,700	22,600		215
220	44.0	209.6	24,800	23,200	22,100	21,000		220
225	42.5	204.1	23,000	21,600	20,500	19,500		225
230	41.1	198.4	21,300	20,000	19,000	18,100		230
235	39.5	192.3	19,700	18,400	17,500	16,700		235
240	38.0	186.0	18,100	17,000	16,100	15,300		240
245	36.3	179.2	16,600	15,500	14,800	14,000		245
250	34.6	172.0	15,100	14,100	13,400	12,700		250
255	32.8	164.3	13,700	12,800	12,100	11,500		255
260	31.0	156.1	12,300	11,500	10,900	10,300		260
265	29.0	147.1	10,900	10,200				265

MLC300 S-3



474,400 lb



315.0 ft

ft	°	ft	lb	lb	lb	lb	ft
36	85.0	320.6	156,700				36
38	84.6	320.4	155,900				38
40	84.3	320.2	155,200				40
45	83.4	319.6	153,400	105,700			45
50	82.4	318.9	151,700	104,900	78,800		50
55	81.5	318.1	150,100	104,100	78,300	59,600	55
60	80.6	317.3	148,500	103,400	77,700	59,200	60
65	79.7	316.4	146,800	102,600	77,200	58,900	65
70	78.7	315.3	145,200	101,900	76,600	58,500	70
75	77.8	314.2	143,300	101,200	76,100	58,100	75
80	76.9	313.1	139,800	100,400	75,500	57,700	80
85	75.9	311.8	136,600	99,700	75,000	57,400	85
90	75.0	310.4	133,200	99,100	74,500	57,000	90
95	74.0	309.0	124,400	98,400	74,000	56,600	95
100	73.1	307.5	115,200	97,700	73,500	56,300	100
105	72.1	305.8	106,900	96,800	72,900	56,000	105
110	71.2	304.1	99,400	90,300	72,500	55,600	110
115	70.2	302.3	92,600	84,300	72,000	55,300	115
120	69.2	300.4	86,400	78,800	71,500	55,000	120
125	68.3	298.4	80,700	73,700	68,900	54,600	125
130	67.3	296.3	75,400	69,000	64,600	54,300	130
135	66.3	294.0	70,500	64,700	60,500	54,000	135
140	65.3	291.7	66,000	60,600	56,800	53,300	140
145	64.3	289.3	61,800	56,800	53,300	50,000	145
150	63.2	286.8	57,900	53,300	50,000	47,000	150
155	62.2	284.1	54,300	50,000	46,900	44,100	155
160	61.2	281.3	50,900	46,900	44,000	41,400	160
165	60.1	278.5	47,600	43,900	41,300	38,800	165
170	59.1	275.5	44,600	41,200	38,700	36,400	170
175	58.0	272.3	41,800	38,500	36,200	34,100	175
180	56.9	269.0	39,100	36,100	33,900	31,900	180
185	55.8	265.6	36,500	33,700	31,700	29,800	185
190	54.7	262.1	34,100	31,500	29,600	27,800	190
195	53.5	258.4	31,800	29,400	27,600	25,900	195
200	52.4	254.5	29,600	27,300	25,700	24,100	200
205	51.2	250.5	27,600	25,400	23,800	22,400	205
210	50.0	246.3	25,600	23,600	22,100	20,700	210
215	48.8	241.9	23,700	21,800	20,400	19,100	215
220	47.6	237.3	21,900	20,100	18,800	17,600	220
225	46.3	232.6	20,100	18,500	17,300	16,100	225
230	45.1	227.6	18,500	16,900	15,800	14,700	230
235	43.7	222.3	16,900	15,400	14,400	13,400	235
240	42.4	216.9	15,300	14,000	13,000	12,100	240
245	41.0	211.1	13,800	12,600	11,700	10,800	245
250	39.6	205.1	12,400	11,200	10,400		250
255	38.1	198.8	11,000				255

B10



474,400 lb



360°

ft	°	ft	lb
38	84.9	340.2	131,800
40	84.6	340.0	131,200
45	83.7	339.4	129,700
50	82.9	338.8	128,100
55	82.0	338.1	126,600
60	81.1	337.3	125,100
65	80.3	336.4	120,600
70	79.4	335.4	115,900
75	78.5	334.4	111,500
80	77.7	333.3	107,400
85	76.8	332.1	103,600
90	75.9	330.8	99,900
95	75.0	329.5	96,600
100	74.1	328.0	93,300
105	73.2	326.5	90,300
110	72.3	324.9	87,400
115	71.4	323.2	84,800
120	70.5	321.4	82,100
125	69.6	319.6	79,700
130	68.7	317.6	74,800
135	67.8	315.5	69,900
140	66.8	313.4	65,400
145	65.9	311.1	61,200
150	64.9	308.8	57,300
155	64.0	306.3	53,700
160	63.0	303.8	50,200
165	62.0	301.1	47,000
170	61.1	298.3	44,000
175	60.1	295.4	41,200
180	59.1	292.4	38,500
185	58.1	289.3	35,900
190	57.0	286.0	33,500
195	56.0	282.6	31,200
200	55.0	279.1	29,000
205	53.9	275.5	27,000
210	52.8	271.7	25,000
215	51.7	267.7	23,100
220	50.6	263.6	21,300
225	49.5	259.3	19,600
230	48.4	254.9	17,900
235	47.2	250.3	16,300
240	46.0	245.4	14,800
245	44.8	240.4	13,300
250	43.5	235.1	11,900
255	42.3	229.6	10,600