

Liftcrane Boom Capacities

Boom No. B10:76A

184,600 lb Crane Counterweight

60,400 lb Carbody Counterweight

Crawler Machine on a Barge

0 Degree thru 3 Degree Static Machine List

No Travel - 360 Degree Rating

MLC200 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 1 or Drum 2 is 31,500 lb or 60,000 lb with two part whip line. When Drum 3 is used, capacity with single part whip line is 20,000 lb or 40,000 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 10,000 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 and uniformly supporting surface with gantry up and machine list not to exceed degrees noted. Refer to Boom Rigging **No. 80149429**, Wire Rope Specifications chart **No. A018-A**, Counterweight Arrangements chart **No. A004-A**, and Wind Conditions chart **No. A017-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 27 ft 2 in. crawlers, 48 in. treads, 10 ft 3 in. retractable gantry, 27 ft live mast, 20 part boom hoist reeving, and boom support straps.

Consult chart **No. A040-A** when Jib No. 134 is attached.

Deduct From Capacities When Jib No. 134 Is Attached			
Jib Length (ft)	Jib Offset Angle		
	5°	15°	25°
	Deduct (lb)		
30.0	5,800	6,300	7,500
40.0	6,600	7,800	9,500
50.0	7,400	9,300	11,600
60.0	8,200	10,800	13,600
70.0	8,900	12,000	15,400
80.0	9,800	13,200	17,400
Weight of jib and 3,000 lb suspended beneath jib point have been included in determination of deduct.			

Upper Boom Point Deduct
Deduct 1,100 lb from capacities when upper boom point is attached.

Refer to Tables 1 and 2 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. 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)	Maximum Number of Lower Boom Point Sheaves	Machine List			
		0°	1°	2°	3°
		Block Weight (lb)			
65.6 - 203.4	7	8,000	8,000	8,000	8,000
213.3	7	7,200	6,400	6,400	6,400
223.1	7	5,200	4,500	4,500	4,500
232.9	2	4,100	3,500	3,500	3,500
242.8	2	#	#	#	#
252.6	2	#	#	#	#
262.5	2	#	Raising Not Permitted		
272.3	2				
282.2	2				
292.0 (a)	2				

Table 2

Over End of Blocked Crawlers					
Boom Length (ft)	Maximum Number of Lower Boom Point Sheaves	Machine List			
		0°	1°	2°	3°
		Block Weight (lb)			
65.6 - 203.4	7	8,000	8,000	8,000	8,000
213.3	7	8,000	7,200	7,200	7,200
223.1	7	6,400	5,600	5,600	5,600
232.9	2	5,600	4,800	4,800	4,800
242.8	2	4,200	4,100	4,100	4,100
252.6	2	3,300	3,100	3,100	3,100
262.5	2	#	#	#	#
272.3	2	#	#	#	#
282.2	2	#	#	#	
292.0 (a)	2	#	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. Crane tipping or structural damage can occur.					

Explanation of Symbols



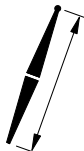
Boom No. B10:76A



Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Boom Length



Operating Radius
(see page 1)



Boom Angle
(see page 1)



Boom Point Elevation
(see page 1)

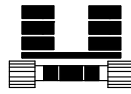


Machine List



Lifting Capacities
(see page 1)

B10



184,600 lb
+
60,400 lb



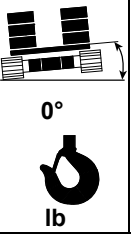
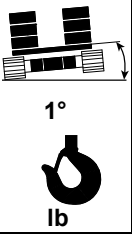
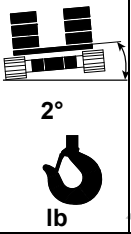
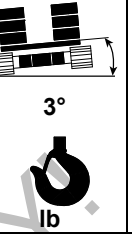
360°

ft	°	ft	lb	lb	lb	lb	lb	ft
14	84.1	73.0	441,000 b					14
15	83.2	72.9	409,800 b					15
16	82.3	72.7	386,200 b					16
17	81.4	72.5	365,200 b	342,100 b				17
18	80.5	72.3	346,200 b	325,300 b	306,800 b			18
19	79.7	72.1	329,000 b	310,100 b	293,200 b	278,000 b		19
20	78.8	71.9	313,400 b	296,200 b	280,700 b	266,700 b		20
21	77.9	71.6	299,200 b	283,400 b	269,200 b	256,300 b		21
22	77.0	71.4	286,200 b	271,700 b	258,600 b	246,600 b		22
23	76.1	71.1	274,200 b	260,900 b	248,700 b	237,600 b		23
24	75.1	70.8	263,100	250,800	239,600	229,300		24
25	74.2	70.5	252,900	241,500	231,100	221,500		25
26	73.3	70.2	243,400	232,800	223,100	214,100		26
27	72.4	69.8	234,500	224,700	215,600	207,300		27
28	71.5	69.5	226,300	217,100	208,600	200,800		28
29	70.5	69.1	218,500	210,000	202,100	194,700		29
30	69.6	68.7	211,300	203,300	195,900	189,000		30
31	68.6	68.3	204,400	197,000	190,000	183,200		31
32	67.7	67.8	198,000	191,100	184,500	177,100		32
33	66.7	67.4	192,100	185,500	179,300	171,400		33
34	65.8	66.9	186,400	180,200	174,300	166,000		34
36	63.8	65.8	175,900	170,400	165,100	156,100		36
38	61.8	64.7	166,400	161,200	153,800	146,900		38
40	59.8	63.5	157,200	150,300	143,800	137,700		40
42	57.7	62.2	146,700	140,700	135,000	129,600		42
44	55.5	60.8	137,500	132,100	127,100	122,300		44
46	53.3	59.3	129,200	124,500	120,000	115,800		46
48	51.1	57.6	121,800	117,600	113,600	109,800		48
50	48.7	55.8	115,200	111,400	107,800	104,400		50
55	42.4	50.5	101,000	98,200	95,400	92,800		55
60	35.1	43.8	89,600	87,500	85,400	83,400		60
65	25.9	34.6	80,200	78,600	77,100	75,600		65
68	18.3	26.5	75,300	74,000	72,800	71,600		68

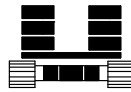


184,600 lb
+
60,400 lb



75.5 ft							
 ft	 °	 ft	 0° lb	 1° lb	 2° lb	 3° lb	 ft
17	82.6	82.5	364,700 b				17
18	81.8	82.3	345,800 b	322,200 b			18
19	81.0	82.2	328,600 b	307,200 b			19
20	80.3	82.0	313,100 b	293,500 b	276,100 b		20
21	79.5	81.7	298,800 b	280,900 b	264,900 b	250,600b	21
22	78.7	81.5	285,800 b	269,300 b	254,600 b	241,300b	22
23	77.9	81.3	273,800 b	258,600 b	245,000 b	232,700b	23
24	77.1	81.0	262,800	248,700	236,100	224,600	24
25	76.3	80.8	252,500	239,500	227,800	217,000	25
26	75.6	80.5	243,000	231,000	220,000	209,900	26
27	74.8	80.2	234,200	222,900	212,700	203,300	27
28	74.0	79.9	225,900	215,400	205,800	197,000	28
29	73.2	79.5	218,200	208,400	199,400	191,100	29
30	72.4	79.2	211,000	201,800	193,300	185,500	30
31	71.6	78.8	204,200	195,600	187,600	180,200	31
32	70.8	78.5	197,800	189,700	182,200	175,200	32
33	69.9	78.1	191,800	184,100	177,100	170,500	33
34	69.1	77.7	186,100	178,900	172,200	165,500	34
36	67.5	76.8	175,600	169,200	162,900	154,100	36
38	65.8	75.9	166,100	160,100	151,800	144,100	38
40	64.1	74.9	157,300	149,300	142,000	135,200	40
42	62.4	73.8	146,800	139,800	133,300	127,300	42
44	60.6	72.6	137,600	131,400	125,600	120,200	44
46	58.8	71.4	129,300	123,800	118,600	113,800	46
48	57.0	70.0	121,900	117,000	112,300	108,000	48
50	55.1	68.6	115,200	110,800	106,600	102,700	50
55	50.2	64.5	101,100	97,700	94,400	91,300	55
60	44.9	59.7	89,800	87,100	84,500	82,000	60
65	39.1	53.8	80,400	78,300	76,300	74,300	65
70	32.3	46.4	72,600	70,900	69,300	67,700	70
75	23.7	36.2	65,900	64,600	63,400	62,200	75
78	16.5	27.2	62,300	61,300	60,300	59,300	78

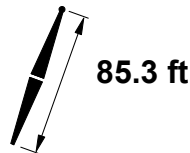
B10



184,600 lb
+
60,400 lb



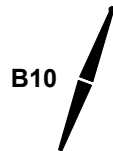
360°



85.3 ft

	ft	°	ft	lb	lb	lb	lb	ft
18	82.8	92.3	345,600					18
19	82.1	92.1	328,400					19
20	81.4	92.0	312,900	291,000				20
21	80.7	91.8	298,700	278,600	261,000			21
22	80.0	91.6	285,600	267,200	251,000			22
23	79.3	91.4	273,700	256,700	241,600	228,100		23
24	78.6	91.2	262,600	246,900	232,900	220,300		24
25	78.0	90.9	252,400	237,800	224,700	213,000		25
26	77.3	90.7	242,900	229,300	217,100	206,100		26
27	76.6	90.4	234,000	221,400	210,000	199,700		27
28	75.9	90.1	225,800	214,000	203,300	193,600		28
29	75.2	89.9	218,100	207,000	197,000	187,900		29
30	74.5	89.6	210,800	200,500	191,100	182,400		30
31	73.8	89.2	204,100	194,300	185,400	177,300		31
32	73.1	88.9	197,700	188,500	180,100	172,400		32
33	72.4	88.6	191,600	183,000	175,100	167,800		33
34	71.6	88.2	185,900	177,800	170,300	162,300		34
36	70.2	87.5	175,500	168,200	160,800	151,300		36
38	68.8	86.7	166,000	159,200	149,900	141,500		38
40	67.3	85.8	157,500	148,500	140,400	132,900		40
42	65.8	84.9	147,000	139,100	131,900	125,200		42
44	64.3	83.9	137,700	130,700	124,300	118,300		44
46	62.8	82.8	129,500	123,200	117,400	112,000		46
48	61.3	81.7	122,100	116,500	111,200	106,400		48
50	59.7	80.5	115,400	110,300	105,600	101,200		50
55	55.6	77.1	101,300	97,300	93,600	90,000		55
60	51.4	73.2	89,900	86,800	83,800	80,900		60
65	46.8	68.6	80,600	78,100	75,600	73,300		65
70	41.9	63.3	72,800	70,700	68,800	66,800		70
75	36.4	56.8	66,200	64,500	62,900	61,300		75
80	30.0	48.7	60,400	59,100	57,800	56,600		80
85	21.9	37.7	55,400	54,400	53,400	52,400		85
87	17.6	31.6	53,600	52,700	51,800	50,900		87

MLC200 S-3

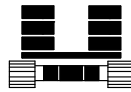


184,600 lb
+
60,400 lb



ft	°	ft	lb	lb	lb	lb	ft
19	82.9	102.1	327,900				19
20	82.3	102.0	312,400				20
21	81.7	101.8	298,200	276,100			21
22	81.1	101.6	285,100	264,800			22
23	80.5	101.4	273,200	254,400	238,000		23
24	79.8	101.2	262,100	244,800	229,500	215,900	24
25	79.2	101.0	251,900	235,800	221,500	208,800	25
26	78.6	100.8	242,400	227,400	214,100	202,100	26
27	78.0	100.6	233,600	219,600	207,100	195,900	27
28	77.4	100.3	225,300	212,200	200,500	190,000	28
29	76.8	100.1	217,600	205,400	194,400	184,400	29
30	76.1	99.8	210,400	198,900	188,500	179,100	30
31	75.5	99.5	203,600	192,800	183,000	174,200	31
32	74.9	99.2	197,200	187,000	177,800	169,400	32
33	74.2	98.9	191,200	181,600	172,900	164,900	33
34	73.6	98.6	185,500	176,400	168,200	159,000	34
36	72.3	98.0	175,000	166,900	158,600	148,300	36
38	71.1	97.2	165,600	158,000	147,900	138,800	38
40	69.8	96.5	157,100	147,400	138,500	130,500	40
42	68.5	95.7	146,800	138,100	130,200	123,000	42
44	67.2	94.8	137,600	129,800	122,700	116,200	44
46	65.8	93.9	129,300	122,400	116,000	110,100	46
48	64.5	92.9	121,900	115,700	109,900	104,600	48
50	63.1	91.8	115,200	109,600	104,400	99,500	50
55	59.7	88.9	101,100	96,600	92,500	88,600	55
60	56.1	85.6	89,700	86,200	82,800	79,600	60
65	52.3	81.8	80,400	77,500	74,700	72,100	65
70	48.3	77.5	72,600	70,200	67,900	65,700	70
75	44.0	72.4	66,000	64,000	62,100	60,300	75
80	39.4	66.6	60,300	58,700	57,100	55,500	80
85	34.2	59.5	55,400	54,000	52,700	51,400	85
90	28.1	50.8	51,000	49,900	48,800	47,800	90
95	20.3	38.9	47,100	46,200	45,400	44,600	95
97	16.2	32.3	45,600	44,900	44,100	43,400	97

B10



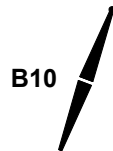
184,600 lb
+
60,400 lb



360°

ft	°	ft	lb	lb	lb	lb	lb	ft
20	83.0	111.9	312,300					20
21	82.5	111.8	298,100					21
22	81.9	111.6	285,100	262,900				22
23	81.4	111.4	273,100	252,600				23
24	80.8	111.2	262,100	243,100	222,600			24
25	80.3	111.1	251,800	234,200	218,800			25
26	79.7	110.9	242,400	225,900	211,500	193,200		26
27	79.1	110.7	233,500	218,200	204,700	190,800		27
28	78.6	110.4	225,300	211,000	198,300	186,900		28
29	78.0	110.2	217,600	204,100	192,200	181,500		29
30	77.5	110.0	210,300	197,700	186,500	176,400		30
31	76.9	109.7	203,600	191,700	181,100	171,500		31
32	76.3	109.5	197,200	186,000	176,000	166,900		32
33	75.8	109.2	191,100	180,600	171,100	161,700		33
34	75.2	108.9	185,500	175,500	166,500	156,000		34
36	74.1	108.3	175,000	166,100	156,600	145,700		36
38	72.9	107.7	165,600	157,100	146,200	136,500		38
40	71.8	107.0	157,000	146,600	137,000	128,400		40
42	70.6	106.2	147,000	137,400	128,800	121,100		42
44	69.4	105.5	137,700	129,200	121,500	114,500		44
46	68.2	104.6	129,400	121,800	114,900	108,600		46
48	67.1	103.8	122,000	115,200	108,900	103,100		48
50	65.9	102.9	115,300	109,100	103,400	98,200		50
55	62.8	100.3	101,200	96,300	91,700	87,500		55
60	59.6	97.4	89,900	85,900	82,200	78,700		60
65	56.4	94.2	80,500	77,300	74,200	71,300		65
70	53.0	90.4	72,800	70,100	67,500	65,100		70
75	49.4	86.2	66,200	63,900	61,700	59,700		75
80	45.7	81.5	60,500	58,600	56,700	55,000		80
85	41.6	76.0	55,500	53,900	52,400	50,900		85
90	37.2	69.6	51,200	49,900	48,500	47,300		90
95	32.2	62.1	47,400	46,200	45,100	44,000		95
100	26.5	52.7	43,900	43,000	42,100	41,200		100
105	19.0	40.0	40,800	40,100	39,300	38,600		105
106	17.1	36.7	40,200	39,500	38,800	38,100		106

MLC200 S-3



184,600 lb
+
60,400 lb

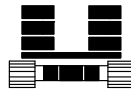


ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
21	83.1	121.7	297,600				21
22	82.6	121.6	284,600				22
23	82.1	121.4	272,600				23
24	81.6	121.2	261,600	241,000			24
25	81.1	121.1	251,300	232,200			25
26	80.6	120.9	241,800	224,000	208,500		26
27	80.1	120.7	233,000	216,400	201,900		27
28	79.6	120.5	224,800	209,200	195,600	183,500	28
29	79.1	120.3	217,100	202,500	189,600	178,200	29
30	78.6	120.1	209,800	196,100	184,000	173,200	30
31	78.0	119.8	203,100	190,200	178,700	168,500	31
32	77.5	119.6	196,700	184,500	173,700	164,000	32
33	77.0	119.4	190,600	179,200	168,900	158,400	33
34	76.5	119.1	185,000	174,100	164,400	152,900	34
36	75.5	118.6	174,500	164,800	154,400	142,800	36
38	74.4	118.0	165,100	155,900	144,200	134,000	38
40	73.4	117.4	156,600	145,600	135,200	126,000	40
42	72.3	116.7	146,800	136,400	127,200	118,900	42
44	71.3	116.0	137,500	128,200	120,000	112,500	44
46	70.2	115.3	129,200	120,900	113,500	106,700	46
48	69.1	114.5	121,800	114,300	107,600	101,400	48
50	68.1	113.6	115,100	108,300	102,200	96,600	50
55	65.3	111.4	100,900	95,600	90,600	86,100	55
60	62.5	108.8	89,600	85,200	81,200	77,400	60
65	59.6	105.9	80,300	76,700	73,300	70,200	65
70	56.7	102.7	72,500	69,500	66,700	64,000	70
75	53.6	99.0	65,900	63,400	61,000	58,700	75
80	50.4	95.0	60,200	58,100	56,000	54,100	80
85	47.0	90.4	55,300	53,400	51,700	50,000	85
90	43.4	85.2	50,900	49,400	47,900	46,400	90
95	39.5	79.3	47,100	45,800	44,500	43,200	95
100	35.3	72.5	43,700	42,500	41,400	40,300	100
105	30.6	64.5	40,600	39,600	38,700	37,800	105
110	25.0	54.5	37,800	37,000	36,200	35,400	110
115	17.8	41.0	35,300	34,600	34,000	33,300	115
116	16.0	37.5	34,800	34,200	33,600	33,000	116

MLC200 S-3



B10



184,600 lb
+
60,400 lb



360°

ft	°	ft	lb	lb	lb	lb	lb	ft
22	83.2	131.5	282,800					22
23	82.7	131.4	272,300					23
24	82.3	131.2	261,200					24
25	81.8	131.0	251,000	222,400				25
26	81.3	130.9	241,500	219,300				26
27	80.9	130.7	232,700	214,800	186,200			27
28	80.4	130.5	224,400	207,700	184,100			28
29	79.9	130.3	216,700	201,000	181,900	160,400		29
30	79.5	130.1	209,500	194,700	179,800	158,800		30
31	79.0	129.9	202,700	188,800	176,600	157,000		31
32	78.5	129.7	196,300	183,200	171,700	155,400		32
33	78.1	129.5	190,300	177,900	167,000	153,900		33
34	77.6	129.2	184,600	172,900	162,500	149,900		34
36	76.6	128.7	174,200	163,700	152,400	140,200		36
38	75.7	128.2	164,800	154,800	142,400	131,500		38
40	74.7	127.7	156,200	144,500	133,500	123,800		40
42	73.8	127.0	146,600	135,500	125,600	116,900		42
44	72.8	126.4	137,300	127,400	118,600	110,700		44
46	71.8	125.7	129,000	120,100	112,200	105,000		46
48	70.9	125.0	121,600	113,600	106,300	99,800		48
50	69.9	124.3	114,900	107,600	101,100	95,100		50
55	67.4	122.2	100,800	95,000	89,700	84,800		55
60	64.9	119.9	89,400	84,700	80,300	76,300		60
65	62.3	117.3	80,100	76,200	72,600	69,200		65
70	59.6	114.4	72,300	69,000	66,000	63,100		70
75	56.9	111.2	65,700	62,900	60,300	57,800		75
80	54.1	107.6	60,000	57,700	55,400	53,300		80
85	51.1	103.6	55,100	53,100	51,100	49,300		85
90	48.1	99.2	50,800	49,000	47,300	45,700		90
95	44.8	94.3	46,900	45,400	44,000	42,500		95
100	41.4	88.7	43,500	42,200	40,900	39,700		100
105	37.7	82.5	40,500	39,300	38,200	37,100		105
110	33.7	75.2	37,700	36,700	35,800	34,800		110
115	29.1	66.7	35,200	34,300	33,500	32,700		115
120	23.8	56.2	32,900	32,200	31,500	30,800		120
125	16.8	41.9	30,700	30,200	29,600	29,100		125
126	15.0	38.1	30,300	29,800	29,300	28,700		126

MLC200 S-3



184,600 lb
+
60,400 lb

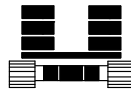


ft	o	ft	lb	lb	lb	lb	ft
24	82.8	141.2	260,700				24
25	82.4	141.0	250,500				25
26	82.0	140.9	241,000	213,700			26
27	81.6	140.7	232,100	210,800			27
28	81.1	140.5	223,900	205,900			28
29	80.7	140.3	216,200	199,400	176,500		29
30	80.3	140.2	209,000	193,100	174,700		30
31	79.8	140.0	202,200	187,300	172,800	151,700	31
32	79.4	139.8	195,800	181,800	169,400	150,200	32
33	78.9	139.6	189,800	176,500	164,800	148,800	33
34	78.5	139.3	184,100	171,500	160,500	146,900	34
36	77.6	138.9	173,600	162,400	150,200	137,500	36
38	76.8	138.4	164,200	153,600	140,500	129,100	38
40	75.9	137.9	155,700	143,400	131,800	121,600	40
42	75.0	137.3	146,400	134,400	124,000	114,900	42
44	74.1	136.7	137,100	126,400	117,000	108,700	44
46	73.2	136.1	128,800	119,200	110,700	103,200	46
48	72.3	135.4	121,300	112,700	105,000	98,100	48
50	71.4	134.8	114,600	106,800	99,800	93,500	50
55	69.1	132.9	100,400	94,200	88,600	83,400	55
60	66.8	130.7	89,100	84,000	79,300	75,000	60
65	64.5	128.4	79,700	75,500	71,600	68,000	65
70	62.1	125.8	71,900	68,400	65,100	62,000	70
75	59.6	122.9	65,300	62,300	59,500	56,900	75
80	57.1	119.7	59,700	57,100	54,700	52,400	80
85	54.5	116.1	54,700	52,500	50,400	48,400	85
90	51.8	112.3	50,400	48,500	46,600	44,900	90
95	49.0	108.0	46,600	44,900	43,300	41,700	95
100	46.0	103.2	43,200	41,700	40,300	38,900	100
105	42.9	98.0	40,100	38,800	37,600	36,400	105
110	39.7	92.1	37,400	36,200	35,100	34,100	110
115	36.1	85.4	34,900	33,900	32,900	32,000	115
120	32.2	77.8	32,600	31,700	30,900	30,000	120
125	27.8	68.8	30,500	29,700	29,000	28,300	125
130	22.7	57.7	28,500	27,900	27,300	26,700	130
135	15.9	42.6	26,700	26,200	25,700	25,200	135

MLC200 S-3



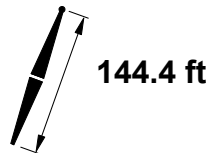
B10



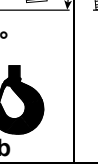
184,600 lb
+
60,400 lb



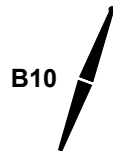
360°



144.4 ft

							
	ft	°	ft	lb	lb	lb	ft
25	82.9	151.0	235,300				25
26	82.5	150.8	231,900				26
27	82.1	150.7	228,600				27
28	81.7	150.5	223,800	183,100			28
29	81.3	150.3	216,100	181,000			29
30	80.9	150.2	208,800	178,800	152,100		30
31	80.5	150.0	202,000	176,700	150,500		31
32	80.1	149.8	195,700	174,700	148,900		32
33	79.7	149.6	189,600	172,700	147,400	128,900	33
34	79.3	149.4	184,000	170,500	145,900	127,700	34
36	78.5	149.0	173,500	161,400	143,000	125,300	36
38	77.7	148.5	164,100	152,500	138,700	123,100	38
40	76.9	148.0	155,600	142,500	130,200	119,600	40
42	76.0	147.5	146,300	133,600	122,600	113,000	42
44	75.2	147.0	137,000	125,600	115,800	107,100	44
46	74.4	146.4	128,700	118,500	109,600	101,700	46
48	73.6	145.8	121,200	112,000	103,900	96,700	48
50	72.7	145.2	114,500	106,200	98,800	92,100	50
55	70.6	143.4	100,300	93,700	87,700	82,300	55
60	68.5	141.5	89,000	83,500	78,600	74,100	60
65	66.3	139.3	79,600	75,100	71,000	67,200	65
70	64.1	136.9	71,800	68,100	64,500	61,300	70
75	61.9	134.2	65,200	62,000	59,000	56,200	75
80	59.6	131.3	59,600	56,800	54,200	51,700	80
85	57.2	128.2	54,600	52,200	50,000	47,800	85
90	54.8	124.7	50,300	48,200	46,200	44,300	90
95	52.3	120.9	46,500	44,700	42,900	41,200	95
100	49.7	116.7	43,100	41,500	39,900	38,400	100
105	47.1	112.1	40,100	38,600	37,200	35,900	105
110	44.2	107.1	37,300	36,000	34,800	33,600	110
115	41.3	101.5	34,800	33,700	32,600	31,500	115
120	38.1	95.3	32,500	31,500	30,600	29,600	120
125	34.7	88.2	30,400	29,600	28,700	27,900	125
130	30.9	80.2	28,500	27,800	27,000	26,300	130
135	26.7	70.8	26,700	26,100	25,400	24,800	135
140	21.7	59.1	25,100	24,500	24,000	23,400	140
145	15.0	43.2	23,500	23,100	22,600	22,200	145

MLC200 S-3



184,600 lb
+
60,400 lb

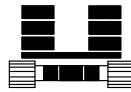


ft	°	ft	lb	lb	lb	lb	ft
26	83.0	160.8	225,300				26
27	82.6	160.6	222,100				27
28	82.3	160.5	218,900				28
29	81.9	160.3	215,500	175,400			29
30	81.5	160.1	208,300	173,300			30
31	81.1	160.0	201,500	171,200			31
32	80.8	159.8	195,100	169,200	144,200		32
33	80.4	159.6	189,100	167,200	142,700		33
34	80.0	159.4	183,400	165,200	141,200	123,600	34
36	79.2	159.0	173,000	160,100	138,300	121,300	36
38	78.5	158.6	163,600	151,300	135,500	119,000	38
40	77.7	158.2	155,000	141,400	128,500	116,800	40
42	77.0	157.7	146,000	132,600	121,000	111,100	42
44	76.2	157.2	136,700	124,700	114,300	105,200	44
46	75.4	156.6	128,400	117,600	108,200	99,900	46
48	74.6	156.1	120,900	111,200	102,600	95,100	48
50	73.9	155.5	114,200	105,400	97,600	90,600	50
55	71.9	153.9	100,000	93,000	86,600	80,900	55
60	69.9	152.0	88,600	82,900	77,600	72,900	60
65	67.9	150.0	79,300	74,500	70,100	66,100	65
70	65.9	147.8	71,500	67,400	63,700	60,300	70
75	63.8	145.4	64,900	61,400	58,200	55,200	75
80	61.7	142.7	59,200	56,200	53,400	50,800	80
85	59.6	139.8	54,300	51,700	49,200	47,000	85
90	57.4	136.6	49,900	47,700	45,500	43,500	90
95	55.1	133.2	46,100	44,100	42,200	40,400	95
100	52.8	129.5	42,700	41,000	39,300	37,700	100
105	50.4	125.4	39,700	38,100	36,600	35,200	105
110	47.9	120.9	36,900	35,500	34,200	32,900	110
115	45.3	116.1	34,400	33,200	32,000	30,800	115
120	42.6	110.7	32,200	31,000	30,000	28,900	120
125	39.8	104.8	30,100	29,100	28,100	27,200	125
130	36.7	98.3	28,200	27,300	26,400	25,600	130
135	33.4	90.9	26,400	25,600	24,900	24,100	135
140	29.7	82.5	24,800	24,100	23,400	22,700	140
145	25.6	72.6	23,200	22,600	22,000	21,500	145
150	20.7	60.5	21,800	21,300	20,800	20,300	150
154	15.8	47.7	20,700	20,300	19,800	19,400	154

MLC200 S-3



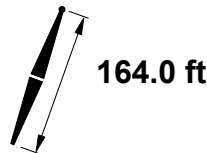
B10



184,600 lb
+
60,400 lb

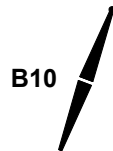


360°



164.0 ft								
ft	°	ft	lb	lb	lb	lb	lb	ft
27	83.1	170.5	209,000					27
28	82.7	170.4	206,400					28
29	82.4	170.3	203,800					29
30	82.0	170.1	201,300					30
31	81.7	170.0	198,800	159,500				31
32	81.3	169.8	194,700	157,800				32
33	81.0	169.6	188,700	156,200	131,700			33
34	80.6	169.4	183,100	154,600	130,500			34
36	79.9	169.1	172,600	151,400	128,100	111,200		36
38	79.2	168.7	163,200	148,400	125,800	109,400		38
40	78.5	168.3	154,700	140,300	123,500	107,600		40
42	77.8	167.8	145,800	131,600	119,500	105,800		42
44	77.0	167.3	136,500	123,800	112,900	103,500		44
46	76.3	166.8	128,100	116,700	106,900	98,300		46
48	75.6	166.3	120,700	110,400	101,400	93,600		48
50	74.9	165.7	114,000	104,600	96,400	89,200		50
55	73.0	164.2	99,800	92,300	85,600	79,700		55
60	71.2	162.5	88,400	82,200	76,700	71,800		60
65	69.3	160.7	79,000	73,900	69,300	65,100		65
70	67.4	158.6	71,200	66,900	63,000	59,300		70
75	65.5	156.3	64,600	60,900	57,500	54,400		75
80	63.6	153.9	58,900	55,700	52,800	50,000		80
85	61.6	151.2	54,000	51,200	48,600	46,200		85
90	59.6	148.3	49,600	47,200	45,000	42,800		90
95	57.5	145.1	45,800	43,700	41,700	39,800		95
100	55.4	141.7	42,400	40,500	38,700	37,000		100
105	53.2	138.0	39,400	37,700	36,100	34,600		105
110	51.0	134.0	36,600	35,100	33,700	32,300		110
115	48.7	129.7	34,100	32,800	31,500	30,300		115
120	46.3	125.0	31,900	30,700	29,500	28,400		120
125	43.8	119.8	29,800	28,700	27,700	26,600		125
130	41.2	114.2	27,900	26,900	26,000	25,000		130
135	38.4	108.0	26,100	25,200	24,400	23,600		135
140	35.4	101.2	24,500	23,700	22,900	22,200		140
145	32.2	93.5	23,000	22,300	21,600	20,900		145
150	28.7	84.7	21,600	20,900	20,300	19,700		150
155	24.7	74.4	20,200	19,700	19,200	18,600		155
160	19.9	61.7	19,000	18,500	18,100	17,600		160
164	15.1	48.4	18,000	17,600	17,200	16,800		164

MLC200 S-3

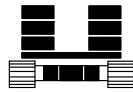


184,600 lb
+
60,400 lb



 ft	 °	 ft	 0° lb	 1° lb	 2° lb	 3° lb	 ft
28	83.1	180.3	199,100				28
29	82.8	180.2	196,600				29
30	82.5	180.1	194,100				30
31	82.1	179.9	191,700				31
32	81.8	179.8	189,300	152,100			32
33	81.5	179.6	187,000	150,500			33
34	81.1	179.4	182,500	148,800			34
35	80.8	179.3	177,300	147,300	124,600		35
36	80.5	179.1	172,000	145,800	123,400		36
38	79.8	178.7	162,600	142,800	121,100	99,400	38
40	79.1	178.3	154,100	139,200	118,900	99,300	40
42	78.5	177.9	145,500	130,600	116,700	99,300	42
44	77.8	177.4	136,200	122,800	111,500	99,100	44
46	77.1	177.0	127,800	115,800	105,500	96,600	46
48	76.4	176.5	120,400	109,500	100,100	92,000	48
50	75.7	175.9	113,600	103,800	95,200	87,700	50
55	74.0	174.5	99,400	91,500	84,600	78,400	55
60	72.3	172.9	88,000	81,500	75,800	70,600	60
65	70.6	171.2	78,600	73,300	68,400	64,000	65
70	68.8	169.3	70,800	66,300	62,100	58,300	70
75	67.0	167.2	64,200	60,300	56,700	53,400	75
80	65.2	164.9	58,500	55,100	52,000	49,100	80
85	63.4	162.4	53,600	50,600	47,900	45,400	85
90	61.5	159.7	49,200	46,700	44,300	42,000	90
95	59.6	156.8	45,400	43,100	41,000	39,000	95
100	57.6	153.6	42,000	40,000	38,100	36,300	100
105	55.6	150.2	39,000	37,200	35,400	33,800	105
110	53.6	146.6	36,200	34,600	33,100	31,600	110
115	51.5	142.7	33,700	32,300	30,900	29,600	115
120	49.3	138.4	31,400	30,100	28,900	27,700	120
125	47.1	133.8	29,400	28,200	27,100	26,000	125
130	44.8	128.9	27,500	26,400	25,400	24,400	130
135	42.4	123.5	25,700	24,700	23,800	22,900	135
140	39.8	117.6	24,100	23,200	22,400	21,500	140
145	37.1	111.1	22,600	21,800	21,000	20,300	145
150	34.3	104.0	21,200	20,500	19,800	19,100	150
155	31.1	96.0	19,800	19,200	18,600	18,000	155
160	27.7	86.8	18,600	18,000	17,500	16,900	160
165	23.8	76.1	17,400	16,900	16,500	16,000	165
170	19.2	62.9	16,300	15,900	15,500	15,100	170
173	15.7	52.9	15,700	15,300	14,900	14,600	173

B10



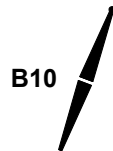
184,600 lb
+
60,400 lb



360°

ft	°	ft	lb	lb	lb	lb	ft
29	83.2	190.1	178,600				29
30	82.9	190.0	176,500				30
31	82.6	189.9	174,600				31
32	82.3	189.7	172,600				32
33	81.9	189.6	170,700	135,300			33
34	81.6	189.4	168,800	134,000			34
36	81.0	189.1	165,000	131,500	110,000		36
38	80.4	188.7	161,400	129,000	108,100		38
40	79.7	188.3	153,900	126,600	106,300	87,500	40
42	79.1	187.9	145,300	124,300	104,500	87,400	42
44	78.5	187.5	136,000	121,900	102,800	87,300	44
46	77.8	187.1	127,600	115,000	101,100	87,200	46
48	77.2	186.6	120,200	108,800	99,000	86,200	48
50	76.5	186.1	113,400	103,100	94,200	84,900	50
55	74.9	184.8	99,200	90,900	83,600	77,200	55
60	73.3	183.3	87,800	81,000	75,000	69,600	60
65	71.6	181.6	78,400	72,800	67,700	63,100	65
70	70.0	179.8	70,600	65,800	61,500	57,500	70
75	68.3	177.9	64,000	59,900	56,100	52,700	75
80	66.6	175.7	58,300	54,700	51,500	48,500	80
85	64.9	173.4	53,300	50,300	47,400	44,700	85
90	63.2	170.9	49,000	46,300	43,800	41,400	90
95	61.4	168.2	45,200	42,800	40,500	38,400	95
100	59.6	165.2	41,800	39,700	37,600	35,700	100
105	57.7	162.1	38,700	36,800	35,000	33,300	105
110	55.9	158.8	36,000	34,300	32,700	31,100	110
115	53.9	155.1	33,500	32,000	30,500	29,100	115
120	52.0	151.3	31,200	29,800	28,500	27,200	120
125	49.9	147.1	29,200	27,900	26,700	25,500	125
130	47.8	142.6	27,300	26,100	25,000	24,000	130
135	45.7	137.8	25,500	24,500	23,500	22,500	135
140	43.4	132.6	23,900	22,900	22,000	21,100	140
145	41.1	127.0	22,400	21,500	20,700	19,900	145
150	38.6	120.8	21,000	20,200	19,400	18,700	150
155	36.0	114.1	19,700	19,000	18,300	17,600	155
160	33.2	106.6	18,400	17,800	17,200	16,600	160
165	30.2	98.3	17,300	16,700	16,100	15,600	165
170	26.8	88.8	16,200	15,700	15,200	14,700	170
175	23.0	77.7	15,200	14,700	14,300	13,800	175
180	18.4	64.0	14,200	13,800	13,400	13,000	180
183	15.1	53.5	13,600	13,300	12,900	12,600	183

MLC200 S-3



184,600 lb
+
60,400 lb

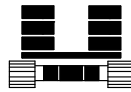


ft	°	ft	lb	lb	lb	lb	ft
31	83.0	199.8	167,500				31
32	82.7	199.7	165,600				32
33	82.4	199.5	163,700				33
34	82.1	199.4	161,900				34
35	81.8	199.2	160,100	127,300			35
36	81.5	199.1	158,300	126,100			36
38	80.9	198.7	154,800	123,700	98,400		38
40	80.3	198.4	151,400	121,300	98,300		40
41	80.0	198.2	148,200	120,200	98,100	77,200	41
42	79.7	198.0	145,000	119,000	98,000	77,200	42
44	79.0	197.6	135,700	116,800	97,800	77,100	44
46	78.4	197.2	127,300	114,100	96,800	76,900	46
48	77.8	196.7	119,900	107,900	95,100	76,900	48
50	77.2	196.3	113,100	102,300	93,000	76,800	50
55	75.7	195.0	98,900	90,200	82,600	76,000	55
60	74.2	193.6	87,400	80,300	74,000	68,400	60
65	72.6	192.0	78,100	72,100	66,800	62,000	65
70	71.1	190.3	70,200	65,200	60,700	56,600	70
75	69.5	188.5	63,600	59,300	55,400	51,800	75
80	67.9	186.4	57,900	54,200	50,700	47,600	80
85	66.3	184.2	52,900	49,700	46,700	43,900	85
90	64.6	181.9	48,600	45,700	43,100	40,600	90
95	63.0	179.4	44,800	42,200	39,900	37,700	95
100	61.3	176.6	41,400	39,100	37,000	35,000	100
105	59.6	173.7	38,300	36,300	34,400	32,600	105
110	57.8	170.6	35,600	33,800	32,000	30,400	110
115	56.0	167.3	33,100	31,400	29,900	28,400	115
120	54.2	163.7	30,800	29,300	27,900	26,600	120
125	52.4	159.9	28,700	27,400	26,100	24,900	125
130	50.5	155.8	26,800	25,600	24,400	23,300	130
135	48.5	151.4	25,100	24,000	22,900	21,900	135
140	46.5	146.7	23,500	22,400	21,500	20,500	140
145	44.4	141.7	22,000	21,000	20,100	19,200	145
150	42.2	136.2	20,600	19,700	18,900	18,100	150
155	39.9	130.3	19,300	18,500	17,700	17,000	155
160	37.5	123.9	18,000	17,300	16,600	15,900	160
165	34.9	116.9	16,900	16,200	15,600	15,000	165
170	32.2	109.2	15,800	15,200	14,600	14,100	170
175	29.2	100.6	14,800	14,300	13,700	13,200	175
180	26.0	90.7	13,800	13,300	12,900	12,400	180
185	22.3	79.2	12,900	12,500	12,100	11,600	185
190	17.8	65.0	12,000	11,700	11,300	10,900	190
192	15.7	58.0	11,700	11,300	11,000	10,700	192

MLC200 S-3



B10



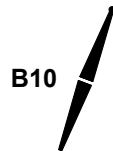
184,600 lb
+
60,400 lb



360°

ft	°	ft	lb	lb	lb	lb	lb	ft
32	83.0	209.6	149,800					32
33	82.7	209.5	149,000					33
34	82.4	209.3	148,300					34
36	81.9	209.0	146,800	117,100				36
38	81.3	208.7	145,300	116,900				38
40	80.7	208.4	143,000	115,000	87,400			40
42	80.2	208.0	139,800	112,700	87,300			42
43	79.9	207.8	137,600	111,700	87,200	68,300		43
44	79.6	207.6	135,400	110,600	87,100	68,200		44
46	79.0	207.2	127,100	108,500	86,900	68,100		46
48	78.4	206.8	119,600	106,400	86,700	68,000		48
50	77.9	206.4	112,800	101,500	86,600	67,900		50
55	76.4	205.2	98,600	89,500	81,600	67,600		55
60	75.0	203.8	87,100	79,700	73,100	67,300		60
65	73.5	202.3	77,700	71,500	66,000	61,100		65
70	72.0	200.7	69,900	64,600	59,900	55,600		70
75	70.5	199.0	63,200	58,700	54,700	50,900		75
80	69.0	197.1	57,500	53,600	50,100	46,800		80
85	67.5	195.0	52,600	49,200	46,000	43,200		85
90	65.9	192.8	48,300	45,300	42,500	39,900		90
95	64.4	190.4	44,400	41,800	39,300	37,000		95
100	62.8	187.8	41,000	38,600	36,400	34,300		100
105	61.2	185.1	38,000	35,800	33,800	32,000		105
110	59.6	182.2	35,200	33,300	31,500	29,800		110
115	57.9	179.1	32,700	31,000	29,400	27,800		115
120	56.2	175.8	30,500	28,900	27,400	26,000		120
125	54.5	172.2	28,400	27,000	25,600	24,300		125
130	52.7	168.5	26,500	25,200	23,900	22,700		130
135	50.9	164.4	24,700	23,500	22,400	21,300		135
140	49.1	160.1	23,100	22,000	21,000	20,000		140
145	47.1	155.6	21,600	20,600	19,600	18,700		145
150	45.2	150.6	20,200	19,300	18,400	17,500		150
155	43.1	145.4	18,900	18,100	17,200	16,500		155
160	41.0	139.7	17,700	16,900	16,200	15,400		160
165	38.8	133.6	16,500	15,800	15,100	14,500		165
170	36.4	127.0	15,500	14,800	14,200	13,600		170
175	34.0	119.7	14,500	13,900	13,300	12,700		175
180	31.3	111.7	13,500	13,000	12,400	11,900		180
185	28.4	102.7	12,600	12,100	11,600	11,100		185
190	25.2	92.6	11,700	11,300	10,800	10,400		190
195	21.6	80.6	10,900	10,500	10,100	9,700		195
200	17.2	65.9	10,100	9,800	9,400	9,100		200
202	15.1	58.7	9,800	9,500	9,200	8,800		202

MLC200 S-3



184,600 lb
+
60,400 lb

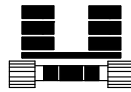


ft	°	ft	lb	lb	lb	lb	ft
33	83.1	219.4	134,100				33
34	82.8	219.3	133,400				34
36	82.3	219.0	132,000				36
37	82.0	218.8	131,300	104,500			37
38	81.7	218.7	130,600	104,400			38
40	81.2	218.3	129,300	104,100			40
41	80.9	218.2	128,700	104,000	78,000		41
42	80.6	218.0	128,100	103,900	77,900		42
44	80.1	217.6	126,700	103,700	77,700		44
45	79.8	217.4	126,100	103,500	77,600	60,400	45
46	79.5	217.3	125,500	103,400	77,500	60,400	46
48	79.0	216.9	119,300	101,600	77,400	60,300	48
50	78.4	216.4	112,500	99,600	77,200	60,200	50
55	77.0	215.3	98,200	88,700	76,800	59,900	55
60	75.7	214.0	86,700	79,000	72,200	59,700	60
65	74.3	212.6	77,300	70,900	65,100	59,400	65
70	72.9	211.1	69,500	64,000	59,100	54,700	70
75	71.4	209.4	62,800	58,100	53,900	50,000	75
80	70.0	207.6	57,100	53,000	49,300	45,900	80
85	68.6	205.7	52,200	48,600	45,300	42,300	85
90	67.1	203.6	47,800	44,700	41,800	39,100	90
95	65.6	201.3	44,000	41,200	38,600	36,200	95
100	64.2	198.9	40,600	38,100	35,800	33,600	100
105	62.6	196.3	37,500	35,300	33,200	31,200	105
110	61.1	193.6	34,800	32,800	30,900	29,100	110
115	59.6	190.7	32,300	30,500	28,700	27,100	115
120	58.0	187.6	30,000	28,400	26,800	25,300	120
125	56.4	184.3	27,900	26,400	25,000	23,600	125
130	54.7	180.8	26,000	24,700	23,300	22,100	130
135	53.1	177.0	24,300	23,000	21,800	20,700	135
140	51.3	173.1	22,700	21,500	20,400	19,300	140
145	49.6	168.9	21,200	20,100	19,100	18,100	145
150	47.8	164.4	19,800	18,800	17,800	16,900	150
155	45.9	159.6	18,500	17,600	16,700	15,800	155
160	44.0	154.5	17,200	16,400	15,600	14,800	160
165	42.0	149.0	16,100	15,300	14,600	13,900	165
170	39.9	143.1	15,000	14,300	13,600	13,000	170
175	37.8	136.7	14,000	13,400	12,700	12,100	175
180	35.5	129.9	13,100	12,500	11,900	11,300	180
185	33.0	122.3	12,200	11,600	11,100	10,500	185
190	30.4	114.1	11,300	10,800	10,300	9,800	190
195	27.6	104.8	10,500	10,000	9,600	9,100	195
200	24.5	94.3	9,700	9,300	8,900	8,500	200
205	20.9	82.0	9,000	8,600	8,200	7,900	205
210	16.6	66.8	8,200	7,900	7,600	7,300	210
211	15.6	63.2	8,100	7,800	7,500	7,200	211

MLC200 S-3



B10



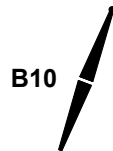
184,600 lb
+
60,400 lb



360°

ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
34	83.1	229.2	132,700				34
36	82.6	228.9	131,300				36
38	82.1	228.6	130,000				38
39	81.8	228.5	129,300	97,000			39
40	81.6	228.3	128,600	97,000			40
42	81.0	228.0	127,400	97,000			42
43	80.8	227.8	126,700	96,900	72,700		43
44	80.5	227.6	126,100	96,900	72,600		44
46	80.0	227.3	124,800	96,800	72,600	55,900	46
48	79.5	226.9	118,900	96,800	72,600	55,900	48
50	78.9	226.5	112,100	96,800	72,600	55,900	50
55	77.6	225.4	97,800	87,900	72,500	55,900	55
60	76.3	224.2	86,300	78,200	71,200	55,800	60
65	75.0	222.9	76,900	70,200	64,200	55,800	65
70	73.6	221.4	69,100	63,400	58,300	53,700	70
75	72.3	219.8	62,400	57,500	53,100	49,100	75
80	70.9	218.1	56,700	52,500	48,600	45,100	80
85	69.6	216.2	51,800	48,000	44,600	41,500	85
90	68.2	214.3	47,400	44,100	41,100	38,300	90
95	66.8	212.1	43,600	40,700	38,000	35,500	95
100	65.4	209.8	40,200	37,600	35,100	32,900	100
105	64.0	207.4	37,100	34,800	32,600	30,600	105
110	62.5	204.8	34,400	32,300	30,300	28,400	110
115	61.0	202.1	31,900	30,000	28,200	26,500	115
120	59.6	199.2	29,600	27,900	26,200	24,700	120
125	58.0	196.1	27,500	25,900	24,400	23,000	125
130	56.5	192.8	25,600	24,200	22,800	21,500	130
135	54.9	189.3	23,900	22,500	21,300	20,100	135
140	53.3	185.6	22,300	21,000	19,900	18,700	140
145	51.7	181.7	20,800	19,600	18,500	17,500	145
150	50.0	177.5	19,400	18,300	17,300	16,400	150
155	48.3	173.1	18,100	17,100	16,200	15,300	155
160	46.6	168.4	16,800	15,900	15,100	14,300	160
165	44.8	163.5	15,700	14,900	14,100	13,300	165
170	42.9	158.1	14,600	13,900	13,100	12,400	170
175	40.9	152.5	13,600	12,900	12,200	11,600	175
180	38.9	146.4	12,700	12,000	11,400	10,800	180
185	36.8	139.8	11,800	11,200	10,600	10,000	185
190	34.6	132.7	10,900	10,400	9,800	9,300	190
195	32.2	124.9	10,100	9,600	9,100	8,600	195
200	29.7	116.4	9,300	8,900	8,400	8,000	200
205	26.9	106.9	8,600	8,200	7,800	7,300	205
210	23.8	96.0	7,900	7,500	7,100	6,800	210
215	20.3	83.3	7,200	6,900	6,500	6,200	215
220	16.1	67.6	6,600	6,300	6,000	5,700	220
221	15.1	63.8	6,400	6,200	5,900	5,600	221

MLC200 S-3



184,600 lb
+
60,400 lb

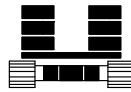


ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
35	83.2	239.0	121,900				35
36	82.9	238.8	121,600				36
38	82.4	238.6	121,000				38
40	81.9	238.3	120,400	87,800			40
42	81.4	238.0	119,900	87,700			42
44	80.9	237.6	119,300	87,700	65,700		44
46	80.4	237.3	118,700	87,600	65,700		46
48	79.9	236.9	118,200	87,600	65,700	50,400	48
50	79.4	236.5	117,500	87,600	65,700	50,400	50
55	78.2	235.5	98,100	87,400	65,600	50,300	55
60	76.9	234.3	86,700	78,200	65,500	50,300	60
65	75.6	233.1	77,200	70,200	64,100	50,200	65
70	74.4	231.7	69,400	63,400	58,100	50,200	70
75	73.1	230.2	62,700	57,600	53,000	48,900	75
80	71.8	228.5	57,000	52,500	48,500	44,900	80
85	70.5	226.8	52,000	48,100	44,600	41,400	85
90	69.2	224.9	47,700	44,200	41,100	38,200	90
95	67.8	222.8	43,800	40,800	38,000	35,400	95
100	66.5	220.7	40,400	37,700	35,200	32,900	100
105	65.1	218.4	37,400	34,900	32,600	30,500	105
110	63.8	215.9	34,600	32,400	30,300	28,400	110
115	62.4	213.3	32,100	30,100	28,200	26,500	115
120	61.0	210.6	29,800	28,000	26,300	24,700	120
125	59.6	207.6	27,800	26,100	24,500	23,000	125
130	58.1	204.5	25,900	24,300	22,900	21,500	130
135	56.6	201.3	24,100	22,700	21,400	20,100	135
140	55.1	197.8	22,500	21,200	20,000	18,800	140
145	53.6	194.2	21,000	19,800	18,700	17,600	145
150	52.1	190.3	19,600	18,500	17,400	16,400	150
155	50.5	186.2	18,300	17,300	16,300	15,300	155
160	48.8	181.9	17,100	16,100	15,200	14,300	160
165	47.2	177.3	15,900	15,000	14,200	13,400	165
170	45.5	172.4	14,800	14,000	13,300	12,500	170
175	43.7	167.2	13,800	13,100	12,400	11,700	175
180	41.9	161.7	12,900	12,200	11,500	10,900	180
185	40.0	155.8	12,000	11,300	10,700	10,100	185
190	38.0	149.5	11,100	10,500	10,000	9,400	190
195	35.9	142.8	10,300	9,800	9,200	8,700	195
200	33.7	135.4	9,600	9,100	8,600	8,100	200
205	31.4	127.4	8,800	8,400	7,900	7,400	205
210	28.9	118.6	8,100	7,700	7,300	6,900	210
215	26.2	108.8	7,500	7,100	6,700	6,300	215
220	23.2	97.6	6,800	6,500	6,100	5,800	220
225	19.8	84.6	6,200	5,900	5,600	5,300	225
230	15.6	68.3	5,600	5,300	5,100	4,800	230

MLC200 S-3



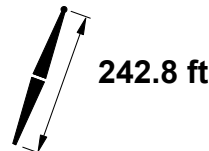
B10



184,600 lb
+
60,400 lb



360°



242.8 ft

	ft	°	ft	lb	lb	lb	lb	ft
36	83.2	248.8	110,600					36
38	82.7	248.5	110,100					38
40	82.2	248.2	109,500					40
42	81.8	247.9	109,100	79,000				42
44	81.3	247.6	108,400	79,000				44
46	80.8	247.3	107,900	78,900	59,200			46
48	80.3	246.9	107,300	78,900	59,100			48
50	79.9	246.6	106,800	78,800	59,100	45,000		50
55	78.7	245.6	97,800	78,700	59,000	44,800		55
60	77.4	244.5	86,300	77,600	58,900	44,800		60
65	76.2	243.2	76,900	69,600	58,800	44,800		65
70	75.0	241.9	69,000	62,800	57,400	44,700		70
75	73.8	240.5	62,400	57,000	52,300	44,700		75
80	72.5	238.9	56,600	52,000	47,900	44,200		80
85	71.3	237.2	51,700	47,600	44,000	40,700		85
90	70.0	235.4	47,300	43,700	40,500	37,500		90
95	68.8	233.5	43,500	40,300	37,400	34,700		95
100	67.5	231.4	40,100	37,200	34,600	32,200		100
105	66.2	229.2	37,000	34,400	32,100	29,900		105
110	64.9	226.9	34,200	31,900	29,800	27,800		110
115	63.6	224.4	31,700	29,600	27,700	25,900		115
120	62.3	221.8	29,500	27,600	25,800	24,100		120
125	60.9	219.0	27,400	25,600	24,000	22,500		125
130	59.5	216.1	25,500	23,900	22,400	21,000		130
135	58.2	213.0	23,700	22,200	20,900	19,500		135
140	56.8	209.8	22,100	20,700	19,500	18,200		140
145	55.3	206.3	20,600	19,300	18,200	17,000		145
150	53.9	202.7	19,200	18,000	16,900	15,900		150
155	52.4	198.9	17,900	16,800	15,800	14,800		155
160	50.9	194.8	16,700	15,700	14,700	13,800		160
165	49.3	190.6	15,500	14,600	13,700	12,900		165
170	47.7	186.1	14,500	13,600	12,800	12,000		170
175	46.1	181.3	13,500	12,700	11,900	11,100		175
180	44.4	176.3	12,500	11,800	11,000	10,400		180
185	42.7	170.9	11,600	10,900	10,200	9,600		185
190	40.9	165.2	10,800	10,100	9,500	8,900		190
195	39.0	159.1	10,000	9,400	8,800	8,200		195
200	37.1	152.6	9,200	8,600	8,100	7,600		200
205	35.1	145.6	8,500	7,900	7,400	6,900		205
210	32.9	138.1	7,800	7,300	6,800	6,400		210
215	30.7	129.8	7,100	6,700	6,200	5,800		215
220	28.2	120.8	6,500	6,100	5,700	5,300		220
225	25.6	110.7	5,900	5,500	5,100	4,800		225
230	22.6	99.2	5,300	4,900	4,600	4,300		230
235	19.2	85.7	4,700	4,400	4,100			235
240	15.1	69.0	4,200					240

MLC200 S-3



184,600 lb
+
60,400 lb

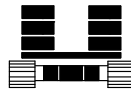


ft	°	ft	lb	lb	lb	lb	ft
38	83.0	258.4	100,300				38
40	82.6	258.2	99,800				40
42	82.1	257.9	99,200				42
43	81.9	257.7	99,000	71,100			43
44	81.6	257.6	98,700	71,100			44
46	81.2	257.3	98,200	71,100			46
47	80.9	257.1	97,900	71,000	53,300		47
48	80.7	256.9	97,700	71,000	53,200		48
50	80.3	256.6	97,200	71,000	53,200		50
52	79.8	256.2	96,700	70,900	53,100	40,000	52
55	79.1	255.6	95,900	70,800	53,100	40,000	55
60	77.9	254.5	86,000	70,600	53,000	39,900	60
65	76.8	253.4	76,500	69,000	52,900	39,900	65
70	75.6	252.1	68,700	62,200	52,800	39,800	70
75	74.4	250.7	62,000	56,400	51,600	39,800	75
80	73.2	249.2	56,200	51,400	47,200	39,700	80
85	72.1	247.6	51,300	47,100	43,300	39,700	85
90	70.9	245.9	46,900	43,200	39,800	36,800	90
95	69.6	244.0	43,100	39,700	36,700	34,000	95
100	68.4	242.1	39,600	36,700	34,000	31,500	100
105	67.2	240.0	36,600	33,900	31,500	29,200	105
110	66.0	237.8	33,800	31,400	29,200	27,100	110
115	64.7	235.4	31,300	29,100	27,100	25,200	115
120	63.4	232.9	29,000	27,000	25,200	23,400	120
125	62.2	230.3	26,900	25,100	23,400	21,800	125
130	60.9	227.5	25,000	23,400	21,800	20,300	130
135	59.5	224.6	23,300	21,700	20,300	18,900	135
140	58.2	221.5	21,600	20,200	18,900	17,600	140
145	56.9	218.3	20,100	18,800	17,600	16,400	145
150	55.5	214.9	18,700	17,500	16,400	15,300	150
155	54.1	211.3	17,400	16,300	15,200	14,200	155
160	52.7	207.5	16,200	15,200	14,200	13,200	160
165	51.2	203.5	15,100	14,100	13,200	12,300	165
170	49.7	199.3	14,000	13,100	12,200	11,400	170
175	48.2	194.9	13,000	12,100	11,300	10,600	175
180	46.7	190.2	12,000	11,300	10,500	9,800	180
185	45.1	185.2	11,100	10,400	9,700	9,000	185
190	43.4	180.0	10,300	9,600	8,900	8,300	190
195	41.7	174.5	9,500	8,900	8,200	7,600	195
200	40.0	168.6	8,700	8,100	7,600	7,000	200
205	38.2	162.3	8,000	7,400	6,900	6,400	205
210	36.3	155.6	7,300	6,800	6,300	5,800	210
215	34.3	148.4	6,700	6,200	5,700	5,200	215
220	32.2	140.6	6,000	5,600	5,100	4,700	220
225	30.0	132.2	5,400	5,000	4,600	4,200	225
230	27.6	122.9	4,800	4,500	4,100		230
235	25.0	112.5	4,300				235

MLC200 S-3



B10



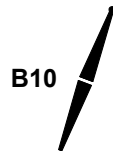
184,600 lb
+
60,400 lb



360°

ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
39	83.1	268.2	90,400				39	
40	82.8	268.1	90,100				40	
42	82.4	267.8	89,600				42	
44	82.0	267.5	89,100	64,000			44	
46	81.5	267.2	88,600	64,000			46	
48	81.1	266.9	88,100	63,800			48	
49	80.8	266.7	87,900	63,800	47,600		49	
50	80.6	266.6	87,600	63,800	47,500		50	
53	80.0	266.0	86,900	63,700	47,500	35,600	53	
55	79.5	265.6	86,500	63,600	47,400	35,600	55	
60	78.4	264.6	85,500	63,500	47,400	35,500	60	
65	77.3	263.5	76,200	63,300	47,300	35,400	65	
70	76.2	262.3	68,300	61,700	47,200	35,400	70	
75	75.0	260.9	61,700	55,900	47,100	35,300	75	
80	73.9	259.5	55,900	51,000	46,600	35,300	80	
85	72.8	258.0	51,000	46,600	42,700	35,200	85	
90	71.6	256.3	46,600	42,700	39,300	35,100	90	
95	70.4	254.5	42,700	39,300	36,200	33,400	95	
100	69.3	252.7	39,300	36,200	33,500	30,900	100	
105	68.1	250.7	36,200	33,500	31,000	28,600	105	
110	66.9	248.5	33,500	31,000	28,700	26,600	110	
115	65.7	246.3	31,000	28,700	26,600	24,700	115	
120	64.5	243.9	28,700	26,600	24,700	22,900	120	
125	63.3	241.4	26,600	24,700	23,000	21,300	125	
130	62.1	238.8	24,700	23,000	21,400	19,800	130	
135	60.8	236.0	23,000	21,400	19,900	18,400	135	
140	59.5	233.1	21,300	19,900	18,500	17,200	140	
145	58.3	230.0	19,800	18,500	17,200	16,000	145	
150	57.0	226.8	18,400	17,200	16,000	14,800	150	
155	55.6	223.4	17,100	15,900	14,800	13,800	155	
160	54.3	219.8	15,900	14,800	13,800	12,800	160	
165	52.9	216.0	14,800	13,700	12,800	11,800	165	
170	51.5	212.1	13,700	12,700	11,800	11,000	170	
175	50.1	208.0	12,700	11,800	10,900	10,100	175	
180	48.7	203.6	11,700	10,900	10,100	9,300	180	
185	47.2	199.0	10,800	10,100	9,300	8,600	185	
190	45.7	194.2	10,000	9,300	8,600	7,900	190	
195	44.1	189.1	9,200	8,500	7,900	7,200	195	
200	42.5	183.7	8,400	7,800	7,200	6,600	200	
205	40.9	178.0	7,700	7,100	6,500	6,000	205	
210	39.1	171.9	7,000	6,500	5,900	5,400	210	
215	37.4	165.4	6,400	5,800	5,300	4,800	215	
220	35.5	158.5	5,700	5,200	4,800	4,300	220	
225	33.5	151.1	5,100	4,700	4,200		225	
230	31.5	143.1	4,600	4,100			230	
235	29.3	134.4	4,000				235	

MLC200 S-3

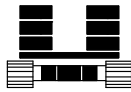


184,600 lb
+
60,400 lb



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
40	83.1	278.0	84,600				40
42	82.7	277.8	84,200				42
44	82.2	277.5	83,700				44
46	81.8	277.2	83,300	58,300			46
48	81.4	276.9	82,900	58,300			48
50	81.0	276.5	82,600	58,200	42,900		50
55	79.9	275.7	81,400	58,100	42,900	32,100	55
60	78.8	274.7	80,400	58,000	42,700	32,000	60
65	77.7	273.6	75,800	57,900	42,700	32,000	65
70	76.7	272.4	67,900	57,800	42,700	32,000	70
75	75.6	271.1	61,200	55,300	42,600	32,000	75
80	74.5	269.8	55,500	50,400	42,600	31,900	80
85	73.4	268.3	50,500	46,000	42,000	31,800	85
90	72.3	266.7	46,200	42,200	38,600	31,800	90
95	71.2	265.0	42,300	38,800	35,600	31,800	95
100	70.1	263.2	38,900	35,700	32,800	30,200	100
105	68.9	261.3	35,800	32,900	30,300	27,900	105
110	67.8	259.2	33,000	30,500	28,100	25,900	110
115	66.7	257.1	30,500	28,200	26,000	24,000	115
120	65.5	254.8	28,300	26,100	24,100	22,300	120
125	64.3	252.4	26,200	24,200	22,400	20,700	125
130	63.2	249.9	24,300	22,500	20,800	19,200	130
135	62.0	247.3	22,500	20,800	19,300	17,800	135
140	60.8	244.5	20,900	19,300	17,900	16,600	140
145	59.5	241.5	19,400	18,000	16,600	15,400	145
150	58.3	238.5	18,000	16,700	15,400	14,200	150
155	57.1	235.3	16,700	15,500	14,300	13,200	155
160	55.8	231.9	15,500	14,300	13,200	12,200	160
165	54.5	228.3	14,300	13,300	12,200	11,300	165
170	53.2	224.6	13,200	12,300	11,300	10,400	170
175	51.8	220.7	12,200	11,300	10,400	9,600	175
180	50.5	216.6	11,300	10,400	9,600	8,800	180
185	49.1	212.3	10,400	9,600	8,800	8,100	185
190	47.7	207.8	9,600	8,800	8,100	7,400	190
195	46.2	203.1	8,800	8,000	7,300	6,700	195
200	44.7	198.1	8,000	7,300	6,700	6,000	200
205	43.2	192.8	7,300	6,600	6,000	5,400	205
210	41.6	187.2	6,600	6,000	5,400	4,900	210
215	40.0	181.3	5,900	5,400	4,800	4,300	215
220	38.3	175.1	5,300	4,800	4,300		220
225	36.6	168.5	4,700	4,200			225
230	34.8	161.4	4,100				230

B10



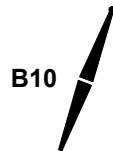
184,600 lb
+
60,400 lb



360°

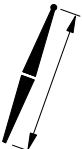
41	83.1	287.8	77,700			41
42	82.9	287.7	77,500			42
44	82.5	287.4	77,100			44
46	82.1	287.1	76,700			46
47	81.9	287.0	76,500	52,600		47
48	81.7	286.8	76,300	52,600		48
50	81.3	286.5	75,900	52,500		50
52	80.9	286.2	75,500	52,500	38,200	52
55	80.3	285.7	74,900	52,400	38,200	55
60	79.2	284.7	74,000	52,300	38,000	60
65	78.2	283.7	73,000	52,200	38,000	65
70	77.1	282.5	67,600	52,100	37,900	70
75	76.1	281.3	60,900	52,000	37,900	75
80	75.0	280.0	55,100	49,800	37,800	80
85	74.0	278.6	50,100	45,500	37,700	85
90	72.9	277.0	45,800	41,700	37,700	90
95	71.9	275.4	41,900	38,300	35,000	95
100	70.8	273.7	38,500	35,200	32,200	100
105	69.7	271.8	35,400	32,500	29,800	105
110	68.6	269.9	32,600	30,000	27,500	110
115	67.5	267.8	30,100	27,700	25,500	115
120	66.4	265.6	27,900	25,600	23,600	120
125	65.3	263.3	25,800	23,700	21,900	125
130	64.2	260.9	23,900	22,000	20,300	130
135	63.0	258.4	22,100	20,400	18,800	135
140	61.9	255.7	20,500	18,900	17,400	140
145	60.7	253.0	19,000	17,500	16,100	145
150	59.5	250.0	17,600	16,200	14,900	150
155	58.3	247.0	16,300	15,000	13,800	155
160	57.1	243.7	15,100	13,900	12,700	160
165	55.9	240.4	13,900	12,800	11,800	165
170	54.7	236.9	12,800	11,800	10,800	170
175	53.4	233.2	11,800	10,900	9,900	175
180	52.1	229.3	10,900	10,000	9,100	180
185	50.8	225.3	10,000	9,100	8,300	185
190	49.5	221.0	9,100	8,300	7,600	190
195	48.1	216.6	8,300	7,600	6,900	195
200	46.7	211.9	7,600	6,900	6,200	200
205	45.3	207.0	6,900	6,200	5,600	205
210	43.9	201.9	6,200	5,600	5,000	210
215	42.4	196.4	5,500	4,900	4,400	215
220	40.8	190.7	4,900	4,300		220
225	39.2	184.6	4,300			225

MLC200 S-3



184,600 lb
+
60,400 lb



 292.0 ft			
ft	°	ft	lb
42	83.2	297.6	71,400
44	82.8	297.4	71,000
46	82.4	297.1	70,600
48	82.0	296.8	70,200
50	81.6	296.5	69,900
55	80.6	295.7	68,900
60	79.6	294.7	68,000
65	78.6	293.7	67,100
70	77.6	292.6	66,300
75	76.6	291.5	60,500
80	75.6	290.2	54,700
85	74.5	288.8	49,700
90	73.5	287.3	45,400
95	72.5	285.8	41,500
100	71.5	284.1	38,100
105	70.4	282.3	35,000
110	69.4	280.4	32,200
115	68.3	278.5	29,700
120	67.3	276.4	27,400
125	66.2	274.2	25,300
130	65.1	271.9	23,400
135	64.0	269.4	21,700
140	62.9	266.9	20,000
145	61.8	264.2	18,500
150	60.7	261.4	17,100
155	59.5	258.5	15,800
160	58.4	255.4	14,600
165	57.2	252.2	13,400
170	56.0	248.9	12,400
175	54.8	245.4	11,400
180	53.6	241.7	10,400
185	52.4	237.9	9,500
190	51.1	233.9	8,700
195	49.9	229.7	7,900
200	48.5	225.3	7,100
205	47.2	220.7	6,400
210	45.9	215.9	5,700
215	44.5	210.9	5,100
220	43.0	205.6	4,400