


# Liftcrane Boom Capacities

**Boom No. B10:76A**  
**149,600 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 2


 **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. A039-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 - 183.7	7	8,000	8,000	8,000	8,000
193.6	7	7,200	6,500	6,500	6,500
203.4	7	5,200	4,600	4,600	4,600
213.3	7	3,200	#	#	#
223.1	7	#	#	#	#
232.9	2	#	#	#	#
242.8	2	#	<b>Raising Not Permitted</b>		
252.6	2				
262.5	2				
272.3 (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 - 183.7	7	8,000	8,000	8,000	8,000
193.6	7	8,000	7,300	7,300	7,300
203.4	7	6,500	5,600	5,600	5,600
213.3	7	4,900	4,100	4,100	4,100
223.1	7	4,100	4,000	4,000	4,000
232.9	2	4,000	3,600	3,600	3,600
242.8	2	#	#	#	#
252.6	2	#	#	#	#
262.5	2	#	#	#	#
272.3 (a)	2	#	<b>Raising Not Permitted</b>		

**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



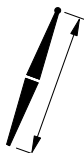
Boom No. B10:76A



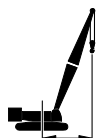
Crane Counterweight  
+  
Carbody Counterweight



360 Degree Rating



Boom Length



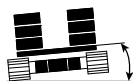
Operating Radius  
(see page 1)



Boom Angle  
(see page 1)



Boom Point Elevation  
(see page 1)



Machine List

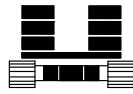


Lifting Capacities  
(see page 1)

# MLC200 S-2



B10



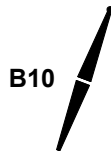
149,600 lb  
+  
60,400 lb



360°

ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
15	83.2	72.9	389,700 b					15
16	82.3	72.7	367,300 b					16
17	81.4	72.5	347,200 b	325,300 b				17
18	80.5	72.3	329,100 b	309,400 b	291,900 b			18
19	79.7	72.1	312,800 b	294,900 b	278,900 b	264,500 b		19
20	78.8	71.9	297,900 b	281,600 b	267,000 b	253,700 b		20
21	77.9	71.6	284,400 b	269,500 b	256,000 b	243,800 b		21
22	77.0	71.4	272,000 b	258,300 b	245,900 b	234,600 b		22
23	76.1	71.1	260,600 b	248,000 b	236,500 b	226,000 b		23
24	75.1	70.8	250,000	238,400	227,800	218,100		24
25	74.2	70.5	240,300	229,500	219,700	210,600		25
26	73.3	70.2	231,200	221,200	212,100	203,600		26
27	72.4	69.8	222,800	213,500	205,000	197,100		27
28	71.5	69.5	214,900	206,300	198,300	188,800		28
29	70.5	69.1	207,600	199,500	192,000	180,300		29
30	69.6	68.7	200,700	193,100	183,300	172,500		30
31	68.6	68.3	194,200	186,200	175,200	165,300		31
32	67.7	67.8	188,100	177,900	167,800	158,600		32
33	66.7	67.4	180,500	170,200	160,900	152,400		33
34	65.8	66.9	172,600	163,200	154,600	146,700		34
36	63.8	65.8	158,600	150,600	143,200	136,300		36
38	61.8	64.7	146,600	139,700	133,200	127,200		38
40	59.8	63.5	136,100	130,100	124,500	119,200		40
42	57.7	62.2	127,000	121,700	116,700	112,100		42
44	55.5	60.8	118,900	114,200	109,800	105,700		44
46	53.3	59.3	111,600	107,500	103,600	99,900		46
48	51.1	57.6	105,200	101,500	98,000	94,700		48
50	48.7	55.8	99,300	96,100	92,900	90,000		50
55	42.4	50.5	86,900	84,400	82,100	79,800		55
60	35.1	43.8	76,900	75,100	73,300	71,500		60
65	25.9	34.6	68,600	67,300	66,000	64,700		65
68	18.3	26.5	64,300	63,200	62,200	61,100		68

# MLC200 S-2



**149,600 lb**  
 +  
**60,400 lb**

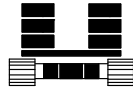


 <b>75.5 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
17	82.6	82.5	346,800 b				17
18	81.8	82.3	328,700 b	306,400 b			18
19	81.0	82.2	312,400 b	292,100 b			19
20	80.3	82.0	297,500 b	279,000 b	262,600 b		20
21	79.5	81.7	284,000 b	267,100 b	252,000 b	238,400b	21
22	78.7	81.5	271,600 b	256,000 b	242,100 b	229,600b	22
23	77.9	81.3	260,200 b	245,800 b	232,900 b	221,300b	23
24	77.1	81.0	249,700	236,400	224,400	213,600	24
25	76.3	80.8	239,900	227,600	216,500	206,400	25
26	75.6	80.5	230,900	219,500	209,100	199,600	26
27	74.8	80.2	222,400	211,800	202,100	193,100	27
28	74.0	79.9	214,600	204,700	195,600	184,100	28
29	73.2	79.5	207,200	198,000	188,900	176,000	29
30	72.4	79.2	200,300	191,700	180,300	168,500	30
31	71.6	78.8	193,900	184,800	172,500	161,500	31
32	70.8	78.5	187,800	176,500	165,200	155,100	32
33	69.9	78.1	180,600	169,000	158,600	149,200	33
34	69.1	77.7	172,700	162,000	152,400	143,600	34
36	67.5	76.8	158,700	149,600	141,200	133,600	36
38	65.8	75.9	146,700	138,800	131,500	124,800	38
40	64.1	74.9	136,200	129,300	122,900	117,000	40
42	62.4	73.8	127,100	121,000	115,300	110,100	42
44	60.6	72.6	118,900	113,600	108,500	103,800	44
46	58.8	71.4	111,700	106,900	102,400	98,200	46
48	57.0	70.0	105,200	100,900	96,900	93,100	48
50	55.1	68.6	99,400	95,500	91,900	88,500	50
55	50.2	64.5	87,000	84,000	81,200	78,500	55
60	44.9	59.7	77,000	74,700	72,500	70,300	60
65	39.1	53.8	68,800	67,000	65,200	63,500	65
70	32.3	46.4	62,000	60,500	59,100	57,800	70
75	23.7	36.2	56,100	55,000	53,900	52,900	75
78	16.5	27.2	52,900	52,000	51,200	50,400	78

# MLC200 S-2



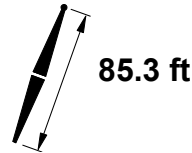
B10



149,600 lb  
+  
60,400 lb



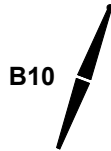
360°



85.3 ft

85.3 ft								
ft	°	ft	lb	lb	lb	lb	ft	ft
18	82.8	92.3	328,500					18
19	82.1	92.1	312,200					19
20	81.4	92.0	297,400	276,700				20
21	80.7	91.8	283,800	264,900	248,200			21
22	80.0	91.6	271,400	254,000	238,600			22
23	79.3	91.4	260,000	243,900	229,700	216,900		23
24	78.6	91.2	249,500	234,600	221,400	209,500		24
25	78.0	90.9	239,800	226,000	213,600	202,500		25
26	77.3	90.7	230,700	217,900	206,400	196,000		26
27	76.6	90.4	222,300	210,300	199,600	188,300		27
28	75.9	90.1	214,400	203,300	193,200	179,800		28
29	75.2	89.9	207,100	196,700	185,900	171,900		29
30	74.5	89.6	200,200	190,400	177,600	164,700		30
31	73.8	89.2	193,700	183,400	169,900	158,100		31
32	73.1	88.9	187,600	175,300	162,900	151,900		32
33	72.4	88.6	180,800	167,800	156,400	146,100		33
34	71.6	88.2	172,900	160,900	150,300	140,800		34
36	70.2	87.5	158,900	148,600	139,400	131,100		36
38	68.8	86.7	146,900	138,000	129,900	122,600		38
40	67.3	85.8	136,400	128,600	121,500	115,000		40
42	65.8	84.9	127,200	120,300	114,100	108,300		42
44	64.3	83.9	119,100	113,000	107,400	102,200		44
46	62.8	82.8	111,900	106,400	101,400	96,700		46
48	61.3	81.7	105,400	100,500	96,000	91,700		48
50	59.7	80.5	99,500	95,100	91,000	87,200		50
55	55.6	77.1	87,100	83,700	80,500	77,400		55
60	51.4	73.2	77,200	74,500	71,900	69,400		60
65	46.8	68.6	69,000	66,800	64,700	62,700		65
70	41.9	63.3	62,200	60,400	58,700	57,000		70
75	36.4	56.8	56,400	54,900	53,500	52,200		75
80	30.0	48.7	51,300	50,200	49,100	48,000		80
85	21.9	37.7	46,900	46,000	45,200	44,300		85
87	17.6	31.6	45,300	44,500	43,800	43,000		87

# MLC200 S-2



**149,600 lb**  
 +  
**60,400 lb**

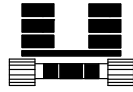


 <b>95.1 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
19	82.9	102.1	311,700				19
20	82.3	102.0	296,900				20
21	81.7	101.8	283,300	262,400			21
22	81.1	101.6	270,900	251,700			22
23	80.5	101.4	259,500	241,800	226,200		23
24	79.8	101.2	249,000	232,600	218,100	205,200	24
25	79.2	101.0	239,300	224,000	210,500	198,500	25
26	78.6	100.8	230,200	216,000	203,400	192,200	26
27	78.0	100.6	221,800	208,600	196,800	183,500	27
28	77.4	100.3	214,000	201,600	190,500	175,400	28
29	76.8	100.1	206,600	195,000	182,800	167,900	29
30	76.1	99.8	199,700	188,900	174,700	160,900	30
31	75.5	99.5	193,300	181,800	167,200	154,500	31
32	74.9	99.2	187,200	173,800	160,400	148,600	32
33	74.2	98.9	180,800	166,500	154,000	143,000	33
34	73.6	98.6	172,900	159,700	148,100	137,800	34
36	72.3	98.0	158,800	147,500	137,400	128,500	36
38	71.1	97.2	146,800	136,900	128,100	120,200	38
40	69.8	96.5	136,300	127,700	119,900	112,800	40
42	68.5	95.7	127,100	119,500	112,600	106,300	42
44	67.2	94.8	119,000	112,200	106,000	100,300	44
46	65.8	93.9	111,700	105,700	100,100	95,000	46
48	64.5	92.9	105,200	99,800	94,800	90,100	48
50	63.1	91.8	99,400	94,500	89,900	85,700	50
55	59.7	88.9	87,000	83,100	79,500	76,100	55
60	56.1	85.6	77,000	73,900	71,000	68,200	60
65	52.3	81.8	68,800	66,300	63,900	61,600	65
70	48.3	77.5	62,000	59,900	57,900	56,000	70
75	44.0	72.4	56,200	54,500	52,800	51,200	75
80	39.4	66.6	51,200	49,800	48,400	47,100	80
85	34.2	59.5	46,900	45,700	44,500	43,400	85
90	28.1	50.8	43,000	42,100	41,100	40,200	90
95	20.3	38.9	39,600	38,800	38,100	37,400	95
97	16.2	32.3	38,300	37,600	37,000	36,400	97

# MLC200 S-2



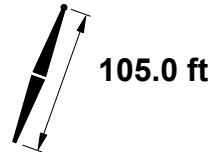
B10






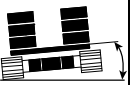
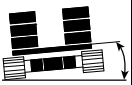
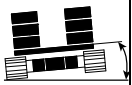
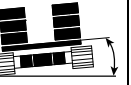

149,600 lb  
+  
60,400 lb



360°

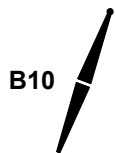


105.0 ft

	 ft	 °	 ft	 0° lb	 1° lb	 2° lb	 3° lb	 ft
20	83.0	111.9	296,800					20
21	82.5	111.8	283,300					21
22	81.9	111.6	270,900	249,900				22
23	81.4	111.4	259,500	240,100				23
24	80.8	111.2	249,000	231,000	215,300			24
25	80.3	111.1	239,200	222,500	207,900			25
26	79.7	110.9	230,200	214,700	201,000	187,700		26
27	79.1	110.7	221,800	207,300	194,500	179,200		27
28	78.6	110.4	213,900	200,400	188,400	171,400		28
29	78.0	110.2	206,600	193,900	179,900	164,200		29
30	77.5	110.0	199,700	187,800	172,100	157,500		30
31	76.9	109.7	193,200	180,500	164,800	151,300		31
32	76.3	109.5	187,200	172,600	158,100	145,600		32
33	75.8	109.2	180,900	165,300	151,900	140,300		33
34	75.2	108.9	173,000	158,600	146,200	135,300		34
36	74.1	108.3	159,000	146,600	135,700	126,200		36
38	72.9	107.7	146,900	136,100	126,600	118,200		38
40	71.8	107.0	136,400	127,000	118,600	111,000		40
42	70.6	106.2	127,200	118,900	111,400	104,600		42
44	69.4	105.5	119,100	111,600	104,900	98,900		44
46	68.2	104.6	111,800	105,200	99,100	93,600		46
48	67.1	103.8	105,300	99,400	93,900	88,900		48
50	65.9	102.9	99,500	94,100	89,100	84,500		50
55	62.8	100.3	87,100	82,800	78,800	75,100		55
60	59.6	97.4	77,100	73,700	70,500	67,400		60
65	56.4	94.2	69,000	66,100	63,500	60,900		65
70	53.0	90.4	62,100	59,800	57,600	55,400		70
75	49.4	86.2	56,400	54,400	52,500	50,700		75
80	45.7	81.5	51,400	49,700	48,100	46,600		80
85	41.6	76.0	47,000	45,600	44,300	43,000		85
90	37.2	69.6	43,200	42,100	40,900	39,800		90
95	32.2	62.1	39,800	38,900	37,900	37,000		95
100	26.5	52.7	36,800	36,000	35,200	34,400		100
105	19.0	40.0	34,100	33,400	32,800	32,200		105
106	17.1	36.7	33,500	32,900	32,400	31,800		106



# MLC200 S-2



**149,600 lb**  
 +  
**60,400 lb**

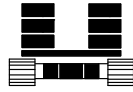


 <b>114.8 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
21	83.1	121.7	282,800				21
22	82.6	121.6	270,400				22
23	82.1	121.4	259,000				23
24	81.6	121.2	248,400	228,900			24
25	81.1	121.1	238,700	220,600			25
26	80.6	120.9	229,700	212,800	198,100		26
27	80.1	120.7	221,300	205,500	191,800		27
28	79.6	120.5	213,400	198,700	185,300	167,300	28
29	79.1	120.3	206,100	192,300	176,900	160,400	29
30	78.6	120.1	199,200	186,200	169,300	154,000	30
31	78.0	119.8	192,700	178,900	162,200	148,000	31
32	77.5	119.6	186,700	171,100	155,700	142,500	32
33	77.0	119.4	180,800	163,900	149,600	137,300	33
34	76.5	119.1	172,900	157,300	144,000	132,500	34
36	75.5	118.6	158,800	145,400	133,800	123,700	36
38	74.4	118.0	146,700	135,100	124,900	115,900	38
40	73.4	117.4	136,200	126,000	117,000	108,900	40
42	72.3	116.7	127,000	117,900	109,900	102,700	42
44	71.3	116.0	118,800	110,800	103,600	97,100	44
46	70.2	115.3	111,600	104,400	97,900	92,000	46
48	69.1	114.5	105,100	98,600	92,700	87,300	48
50	68.1	113.6	99,200	93,300	88,000	83,100	50
55	65.3	111.4	86,800	82,200	77,800	73,900	55
60	62.5	108.8	76,900	73,100	69,600	66,300	60
65	59.6	105.9	68,700	65,600	62,700	59,900	65
70	56.7	102.7	61,900	59,300	56,800	54,500	70
75	53.6	99.0	56,100	53,900	51,800	49,800	75
80	50.4	95.0	51,100	49,200	47,500	45,800	80
85	47.0	90.4	46,800	45,200	43,700	42,200	85
90	43.4	85.2	43,000	41,600	40,300	39,000	90
95	39.5	79.3	39,600	38,400	37,300	36,200	95
100	35.3	72.5	36,600	35,600	34,600	33,700	100
105	30.6	64.5	33,900	33,000	32,200	31,400	105
110	25.0	54.5	31,400	30,700	30,000	29,400	110
115	17.8	41.0	29,200	28,600	28,100	27,500	115
116	16.0	37.5	28,700	28,200	27,700	27,200	116

# MLC200 S-2



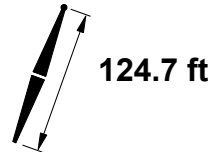
B10



149,600 lb  
+  
60,400 lb



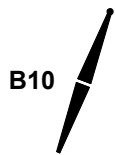
360°



124.7 ft

	ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
22	83.2	131.5	270,000					22
23	82.7	131.4	258,600					23
24	82.3	131.2	248,100					24
25	81.8	131.0	238,400		218,900			25
26	81.3	130.9	229,300		211,200			26
27	80.9	130.7	220,900		204,000	186,200		27
28	80.4	130.5	213,100		197,200	182,100		28
29	79.9	130.3	205,800		190,900	174,100	156,800	29
30	79.5	130.1	198,900		184,900	166,600	150,600	30
31	79.0	129.9	192,400		177,400	159,700	144,900	31
32	78.5	129.7	186,300		169,700	153,400	139,500	32
33	78.1	129.5	180,600		162,600	147,500	134,500	33
34	77.6	129.2	172,800		156,100	141,900	129,900	34
36	76.6	128.7	158,700		144,300	132,000	121,300	36
38	75.7	128.2	146,600		134,100	123,200	113,800	38
40	74.7	127.7	136,100		125,100	115,500	107,000	40
42	73.8	127.0	126,900		117,100	108,500	100,900	42
44	72.8	126.4	118,700		110,000	102,300	95,400	44
46	71.8	125.7	111,400		103,700	96,700	90,400	46
48	70.9	125.0	104,900		97,900	91,600	85,900	48
50	69.9	124.3	99,100		92,700	87,000	81,700	50
55	67.4	122.2	86,600		81,600	77,000	72,700	55
60	64.9	119.9	76,700		72,600	68,800	65,300	60
65	62.3	117.3	68,500		65,100	62,000	59,000	65
70	59.6	114.4	61,700		58,800	56,200	53,700	70
75	56.9	111.2	55,900		53,500	51,200	49,100	75
80	54.1	107.6	50,900		48,900	46,900	45,000	80
85	51.1	103.6	46,600		44,800	43,100	41,500	85
90	48.1	99.2	42,800		41,300	39,800	38,400	90
95	44.8	94.3	39,400		38,100	36,800	35,600	95
100	41.4	88.7	36,400		35,300	34,200	33,100	100
105	37.7	82.5	33,800		32,800	31,800	30,900	105
110	33.7	75.2	31,300		30,500	29,600	28,800	110
115	29.1	66.7	29,100		28,400	27,700	27,000	115
120	23.8	56.2	27,100		26,500	25,900	25,300	120
125	16.8	41.9	25,200		24,700	24,200	23,700	125
126	15.0	38.1	24,800		24,300	23,900	23,400	126

# MLC200 S-2



**149,600 lb**  
 +  
**60,400 lb**

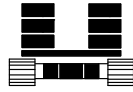


 <b>134.5 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
24	82.8	141.2	247,600				24
25	82.4	141.0	237,800				25
26	82.0	140.9	228,800	209,300			26
27	81.6	140.7	220,400	202,200			27
28	81.1	140.5	212,600	195,500			28
29	80.7	140.3	205,200	189,300	171,200		29
30	80.3	140.2	198,300	183,300	163,900		30
31	79.8	140.0	191,900	175,800	157,200	141,800	31
32	79.4	139.8	185,800	168,200	151,000	136,600	32
33	78.9	139.6	180,100	161,200	145,200	131,700	33
34	78.5	139.3	172,600	154,700	139,800	127,200	34
36	77.6	138.9	158,500	143,100	130,100	118,900	36
38	76.8	138.4	146,400	133,000	121,500	111,600	38
40	75.9	137.9	135,800	124,100	113,900	105,000	40
42	75.0	137.3	126,600	116,200	107,100	99,100	42
44	74.1	136.7	118,400	109,100	101,000	93,700	44
46	73.2	136.1	111,200	102,800	95,400	88,800	46
48	72.3	135.4	104,600	97,100	90,400	84,400	48
50	71.4	134.8	98,800	91,900	85,800	80,300	50
55	69.1	132.9	86,300	80,900	76,000	71,500	55
60	66.8	130.7	76,400	71,900	67,900	64,100	60
65	64.5	128.4	68,200	64,500	61,100	58,000	65
70	62.1	125.8	61,300	58,300	55,400	52,700	70
75	59.6	122.9	55,500	52,900	50,500	48,200	75
80	57.1	119.7	50,600	48,300	46,200	44,200	80
85	54.5	116.1	46,200	44,300	42,500	40,700	85
90	51.8	112.3	42,400	40,800	39,100	37,600	90
95	49.0	108.0	39,100	37,600	36,200	34,900	95
100	46.0	103.2	36,100	34,800	33,600	32,400	100
105	42.9	98.0	33,400	32,300	31,200	30,100	105
110	39.7	92.1	31,000	30,000	29,000	28,100	110
115	36.1	85.4	28,800	27,900	27,100	26,300	115
120	32.2	77.8	26,800	26,000	25,300	24,600	120
125	27.8	68.8	24,900	24,300	23,600	23,000	125
130	22.7	57.7	23,200	22,700	22,100	21,600	130
135	15.9	42.6	21,600	21,200	20,700	20,300	135

# MLC200 S-2



B10



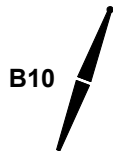
149,600 lb  
+  
60,400 lb



360°





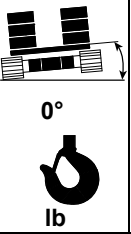
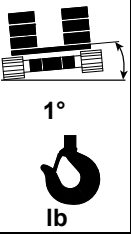
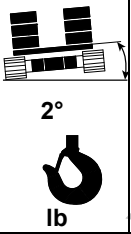
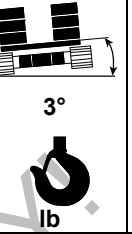

ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
25	82.9	151.0	235,300					25
26	82.5	150.8	228,700					26
27	82.1	150.7	220,200					27
28	81.7	150.5	212,400	183,100				28
29	81.3	150.3	205,100	181,000				29
30	80.9	150.2	198,200	178,800	152,100			30
31	80.5	150.0	191,700	174,400	150,500			31
32	80.1	149.8	185,600	166,900	148,800			32
33	79.7	149.6	179,900	160,000	143,200	128,900		33
34	79.3	149.4	172,500	153,600	137,900	124,800		34
36	78.5	149.0	158,400	142,100	128,400	116,800		36
38	77.7	148.5	146,300	132,000	120,000	109,600		38
40	76.9	148.0	135,800	123,200	112,500	103,200		40
42	76.0	147.5	126,500	115,400	105,800	97,500		42
44	75.2	147.0	118,300	108,400	99,800	92,200		44
46	74.4	146.4	111,100	102,200	94,400	87,500		46
48	73.6	145.8	104,500	96,500	89,400	83,100		48
50	72.7	145.2	98,700	91,400	84,900	79,100		50
55	70.6	143.4	86,200	80,400	75,200	70,400		55
60	68.5	141.5	76,800	71,500	67,200	63,300		60
65	66.3	139.3	68,100	64,100	60,500	57,200		65
70	64.1	136.9	61,200	57,900	54,900	52,000		70
75	61.9	134.2	55,400	52,600	50,000	47,500		75
80	59.6	131.3	50,500	48,000	45,800	43,600		80
85	57.2	128.2	46,100	44,000	42,100	40,200		85
90	54.8	124.7	42,300	40,500	38,800	37,100		90
95	52.3	120.9	39,000	37,400	35,900	34,400		95
100	49.7	116.7	36,000	34,600	33,200	32,000		100
105	47.1	112.1	33,300	32,100	30,900	29,700		105
110	44.2	107.1	30,900	29,800	28,800	27,700		110
115	41.3	101.5	28,700	27,700	26,800	25,900		115
120	38.1	95.3	26,700	25,900	25,000	24,200		120
125	34.7	88.2	24,900	24,100	23,400	22,700		125
130	30.9	80.2	23,200	22,500	21,900	21,200		130
135	26.7	70.8	21,600	21,100	20,500	19,900		135
140	21.7	59.1	20,200	19,700	19,200	18,700		140
145	15.0	43.2	18,800	18,400	18,000	17,600		145

# MLC200 S-2




  
**149,600 lb**  
 +  
**60,400 lb**



 <b>154.2 ft</b>								
	 ft	 °	 ft	 0° lb	 1° lb	 2° lb	 3° lb	 ft
26	83.0	160.8	225,300					26
27	82.6	160.6	219,700					27
28	82.3	160.5	211,900					28
29	81.9	160.3	204,500	175,400				29
30	81.5	160.1	197,700	173,300				30
31	81.1	160.0	191,200	171,200				31
32	80.8	159.8	185,100	165,500	144,200			32
33	80.4	159.6	179,400	158,600	141,100			33
34	80.0	159.4	172,300	152,300	135,900	122,300		34
36	79.2	159.0	158,200	140,900	126,600	114,500		36
38	78.5	158.6	146,100	131,000	118,300	107,600		38
40	77.7	158.2	135,500	122,200	111,000	101,300		40
42	77.0	157.7	126,300	114,500	104,400	95,700		42
44	76.2	157.2	118,100	107,600	98,500	90,600		44
46	75.4	156.6	110,800	101,300	93,100	85,900		46
48	74.6	156.1	104,300	95,700	88,300	81,700		48
50	73.9	155.5	98,400	90,600	83,800	77,700		50
55	71.9	153.9	85,900	79,700	74,200	69,200		55
60	69.9	152.0	75,900	70,900	66,300	62,200		60
65	67.9	150.0	67,700	63,500	59,700	56,200		65
70	65.9	147.8	60,900	57,300	54,100	51,100		70
75	63.8	145.4	55,100	52,100	49,300	46,700		75
80	61.7	142.7	50,100	47,500	45,100	42,800		80
85	59.6	139.8	45,800	43,500	41,400	39,400		85
90	57.4	136.6	42,000	40,000	38,100	36,400		90
95	55.1	133.2	38,600	36,900	35,200	33,700		95
100	52.8	129.5	35,600	34,100	32,600	31,200		100
105	50.4	125.4	32,900	31,600	30,300	29,000		105
110	47.9	120.9	30,500	29,300	28,200	27,000		110
115	45.3	116.1	28,300	27,300	26,200	25,200		115
120	42.6	110.7	26,300	25,400	24,500	23,600		120
125	39.8	104.8	24,500	23,700	22,800	22,000		125
130	36.7	98.3	22,800	22,100	21,300	20,600		130
135	33.4	90.9	21,300	20,600	19,900	19,300		135
140	29.7	82.5	19,800	19,200	18,700	18,100		140
145	25.6	72.6	18,500	18,000	17,500	17,000		145
150	20.7	60.5	17,200	16,800	16,300	15,900		150
154	15.8	47.7	16,300	15,900	15,500	15,100		154

# MLC200 S-2

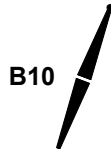


149,600 lb  
 +  
 60,400 lb



 164.0 ft								
ft	°	ft	0° lb	1° lb	2° lb	3° 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	197,300					30
31	81.7	170.0	190,800	159,500				31
32	81.3	169.8	184,700	157,800				32
33	81.0	169.6	179,000	156,200	131,700			33
34	80.6	169.4	172,200	151,000	130,500			34
36	79.9	169.1	158,000	139,800	124,800	111,200		36
38	79.2	168.7	145,900	129,900	116,700	105,600		38
40	78.5	168.3	135,300	121,300	109,500	99,500		40
42	77.8	167.8	126,000	113,600	103,100	94,000		42
44	77.0	167.3	117,800	106,700	97,200	89,000		44
46	76.3	166.8	110,500	100,600	92,000	84,500		46
48	75.6	166.3	104,000	95,000	87,200	80,300		48
50	74.9	165.7	98,100	89,900	82,800	76,500		50
55	73.0	164.2	85,600	79,100	73,300	68,100		55
60	71.2	162.5	75,600	70,300	65,500	61,100		60
65	69.3	160.7	67,400	63,000	59,000	55,300		65
70	67.4	158.6	60,600	56,800	53,400	50,200		70
75	65.5	156.3	54,800	51,600	48,600	45,900		75
80	63.6	153.9	49,800	47,000	44,500	42,100		80
85	61.6	151.2	45,500	43,100	40,800	38,700		85
90	59.6	148.3	41,700	39,600	37,600	35,700		90
95	57.5	145.1	38,300	36,500	34,700	33,000		95
100	55.4	141.7	35,300	33,700	32,100	30,600		100
105	53.2	138.0	32,600	31,200	29,800	28,500		105
110	51.0	134.0	30,200	28,900	27,700	26,500		110
115	48.7	129.7	28,000	26,900	25,800	24,700		115
120	46.3	125.0	26,100	25,000	24,000	23,000		120
125	43.8	119.8	24,200	23,300	22,400	21,500		125
130	41.2	114.2	22,600	21,700	20,900	20,100		130
135	38.4	108.0	21,000	20,200	19,500	18,800		135
140	35.4	101.2	19,600	18,900	18,200	17,600		140
145	32.2	93.5	18,200	17,600	17,000	16,500		145
150	28.7	84.7	17,000	16,500	15,900	15,400		150
155	24.7	74.4	15,800	15,300	14,900	14,400		155
160	19.9	61.7	14,700	14,300	13,900	13,500		160
164	15.1	48.4	13,900	13,500	13,200	12,800		164

# MLC200 S-2

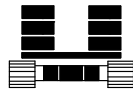


149,600 lb  
+  
60,400 lb



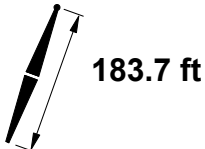
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
28	83.1	180.3	199,100				28
29	82.8	180.2	196,600				29
30	82.5	180.1	194,100				30
31	82.1	179.9	190,300				31
32	81.8	179.8	184,200	152,100			32
33	81.5	179.6	178,500	150,500			33
34	81.1	179.4	172,000	148,800			34
35	80.8	179.3	164,900	143,700	124,600		35
36	80.5	179.1	157,800	138,600	123,000		36
38	79.8	178.7	145,600	128,900	115,100	99,400	38
40	79.1	178.3	135,000	120,300	108,000	97,600	40
42	78.5	177.9	125,800	112,700	101,700	92,300	42
44	77.8	177.4	117,500	105,900	95,900	87,400	44
46	77.1	177.0	110,200	99,700	90,700	82,900	46
48	76.4	176.5	103,700	94,200	86,000	78,900	48
50	75.7	175.9	97,800	89,200	81,700	75,100	50
55	74.0	174.5	85,300	78,400	72,300	66,900	55
60	72.3	172.9	75,300	69,600	64,600	60,100	60
65	70.6	171.2	67,100	62,400	58,100	54,300	65
70	68.8	169.3	60,200	56,200	52,600	49,300	70
75	67.0	167.2	54,400	51,000	47,900	45,000	75
80	65.2	164.9	49,400	46,500	43,700	41,200	80
85	63.4	162.4	45,100	42,500	40,100	37,900	85
90	61.5	159.7	41,300	39,000	36,900	34,900	90
95	59.6	156.8	37,900	35,900	34,100	32,300	95
100	57.6	153.6	34,900	33,200	31,500	29,900	100
105	55.6	150.2	32,200	30,700	29,200	27,800	105
110	53.6	146.6	29,800	28,400	27,100	25,800	110
115	51.5	142.7	27,600	26,400	25,200	24,000	115
120	49.3	138.4	25,600	24,500	23,400	22,400	120
125	47.1	133.8	23,800	22,800	21,800	20,800	125
130	44.8	128.9	22,100	21,200	20,300	19,500	130
135	42.4	123.5	20,600	19,800	18,900	18,200	135
140	39.8	117.6	19,200	18,400	17,700	17,000	140
145	37.1	111.1	17,800	17,100	16,500	15,800	145
150	34.3	104.0	16,600	16,000	15,400	14,800	150
155	31.1	96.0	15,400	14,900	14,300	13,800	155
160	27.7	86.8	14,300	13,900	13,400	12,900	160
165	23.8	76.1	13,300	12,900	12,500	12,000	165
170	19.2	62.9	12,300	12,000	11,600	11,200	170
173	15.7	52.9	11,800	11,400	11,100	10,800	173

# MLC200 S-2



149,600 lb  
+  
60,400 lb



							
ft	°	ft	0° lb	1° lb	2° lb	3° 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	157,600	131,500	110,000		36
38	80.4	188.7	145,400	127,900	108,100		38
40	79.7	188.3	134,800	119,400	106,300	87,500	40
42	79.1	187.9	125,600	111,800	100,400	87,400	42
44	78.5	187.5	117,300	105,100	94,800	86,000	44
46	77.8	187.1	110,000	99,000	89,600	81,600	46
48	77.2	186.6	103,500	93,500	85,000	77,600	48
50	76.5	186.1	97,600	88,500	80,700	73,900	50
55	74.9	184.8	85,100	77,800	71,500	65,900	55
60	73.3	183.3	75,100	69,100	63,900	59,200	60
65	71.6	181.6	66,800	61,900	57,500	53,500	65
70	70.0	179.8	60,000	55,800	52,000	48,600	70
75	68.3	177.9	54,200	50,600	47,300	44,300	75
80	66.6	175.7	49,200	46,100	43,200	40,600	80
85	64.9	173.4	44,800	42,100	39,600	37,300	85
90	63.2	170.9	41,000	38,700	36,500	34,400	90
95	61.4	168.2	37,700	35,600	33,600	31,800	95
100	59.6	165.2	34,700	32,800	31,100	29,400	100
105	57.7	162.1	32,000	30,400	28,800	27,300	105
110	55.9	158.8	29,600	28,100	26,700	25,300	110
115	53.9	155.1	27,400	26,100	24,800	23,600	115
120	52.0	151.3	25,400	24,200	23,100	21,900	120
125	49.9	147.1	23,600	22,500	21,500	20,400	125
130	47.8	142.6	21,900	20,900	20,000	19,100	130
135	45.7	137.8	20,400	19,500	18,600	17,800	135
140	43.4	132.6	19,000	18,100	17,300	16,600	140
145	41.1	127.0	17,600	16,900	16,200	15,500	145
150	38.6	120.8	16,400	15,700	15,100	14,400	150
155	36.0	114.1	15,300	14,600	14,000	13,500	155
160	33.2	106.6	14,200	13,600	13,100	12,500	160
165	30.2	98.3	13,200	12,700	12,200	11,700	165
170	26.8	88.8	12,200	11,800	11,300	10,900	170
175	23.0	77.7	11,300	10,900	10,500	10,100	175
180	18.4	64.0	10,400	10,100	9,800	9,400	180
183	15.1	53.5	9,900	9,600	9,300	9,000	183



# MLC200 S-2



**149,600 lb**  
 +  
**60,400 lb**

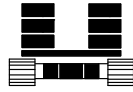


 <b>193.6 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
31	83.0	199.8	167,500				31
32	82.7	199.7	165,600				32
33	82.4	199.5	163,700				33
34	82.1	199.4	161,900				34
35	81.8	199.2	159,700	127,300			35
36	81.5	199.1	157,400	126,100			36
38	80.9	198.7	145,200	123,700	98,400		38
40	80.3	198.4	134,600	118,400	98,300		40
41	80.0	198.2	129,900	114,600	98,100	77,200	41
42	79.7	198.0	125,300	110,900	98,000	77,200	42
44	79.0	197.6	117,100	104,200	93,500	77,100	44
46	78.4	197.2	109,700	98,200	88,500	76,900	46
48	77.8	196.7	103,200	92,700	83,900	76,200	48
50	77.2	196.3	97,300	87,800	79,600	72,600	50
55	75.7	195.0	84,800	77,100	70,500	64,700	55
60	74.2	193.6	74,700	68,500	63,000	58,100	60
65	72.6	192.0	66,500	61,300	56,700	52,500	65
70	71.1	190.3	59,600	55,200	51,300	47,700	70
75	69.5	188.5	53,800	50,000	46,600	43,500	75
80	67.9	186.4	48,800	45,500	42,500	39,800	80
85	66.3	184.2	44,400	41,600	39,000	36,500	85
90	64.6	181.9	40,600	38,100	35,800	33,700	90
95	63.0	179.4	37,300	35,100	33,000	31,100	95
100	61.3	176.6	34,300	32,300	30,500	28,700	100
105	59.6	173.7	31,600	29,800	28,200	26,600	105
110	57.8	170.6	29,200	27,600	26,100	24,700	110
115	56.0	167.3	27,000	25,600	24,200	22,900	115
120	54.2	163.7	25,000	23,700	22,500	21,300	120
125	52.4	159.9	23,200	22,000	20,900	19,800	125
130	50.5	155.8	21,500	20,400	19,400	18,400	130
135	48.5	151.4	20,000	19,000	18,100	17,200	135
140	46.5	146.7	18,500	17,700	16,800	16,000	140
145	44.4	141.7	17,200	16,400	15,600	14,900	145
150	42.2	136.2	16,000	15,200	14,500	13,800	150
155	39.9	130.3	14,800	14,200	13,500	12,900	155
160	37.5	123.9	13,800	13,100	12,500	12,000	160
165	34.9	116.9	12,800	12,200	11,600	11,100	165
170	32.2	109.2	11,800	11,300	10,800	10,300	170
175	29.2	100.6	10,900	10,400	10,000	9,500	175
180	26.0	90.7	10,100	9,600	9,200	8,800	180
185	22.3	79.2	9,200	8,900	8,500	8,200	185
190	17.8	65.0	8,500	8,100	7,800	7,500	190
192	15.7	58.0	8,200	7,900	7,600	7,300	192

# MLC200 S-2



B10



149,600 lb  
+  
60,400 lb



360°

203.4 ft								
ft	°	ft	0° lb	1° lb	2° lb	3° 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	144,900	116,900			38	
40	80.7	208.4	134,300	115,000	87,400		40	
42	80.2	208.0	125,000	110,000	87,300		42	
43	79.9	207.8	120,900	106,700	87,200	68,300	43	
44	79.6	207.6	116,800	103,400	87,100	68,200	44	
46	79.0	207.2	109,500	97,400	86,900	68,100	46	
48	78.4	206.8	102,900	92,000	82,800	68,000	48	
50	77.9	206.4	97,000	87,000	78,600	67,900	50	
55	76.4	205.2	84,400	76,500	69,600	63,600	55	
60	75.0	203.8	74,400	67,900	62,200	57,100	60	
65	73.5	202.3	66,200	60,700	55,900	51,600	65	
70	72.0	200.7	59,300	54,700	50,500	46,800	70	
75	70.5	199.0	53,400	49,500	45,900	42,700	75	
80	69.0	197.1	48,400	45,000	41,900	39,100	80	
85	67.5	195.0	44,100	41,100	38,400	35,800	85	
90	65.9	192.8	40,300	37,700	35,200	33,000	90	
95	64.4	190.4	36,900	34,600	32,400	30,400	95	
100	62.8	187.8	33,900	31,900	29,900	28,100	100	
105	61.2	185.1	31,200	29,400	27,600	26,000	105	
110	59.6	182.2	28,800	27,200	25,600	24,100	110	
115	57.9	179.1	26,600	25,100	23,700	22,300	115	
120	56.2	175.8	24,700	23,300	22,000	20,700	120	
125	54.5	172.2	22,800	21,600	20,400	19,300	125	
130	52.7	168.5	21,200	20,000	18,900	17,900	130	
135	50.9	164.4	19,600	18,600	17,600	16,600	135	
140	49.1	160.1	18,200	17,200	16,300	15,500	140	
145	47.1	155.6	16,900	16,000	15,200	14,400	145	
150	45.2	150.6	15,600	14,800	14,100	13,300	150	
155	43.1	145.4	14,500	13,800	13,100	12,400	155	
160	41.0	139.7	13,400	12,700	12,100	11,500	160	
165	38.8	133.6	12,400	11,800	11,200	10,600	165	
170	36.4	127.0	11,500	10,900	10,400	9,800	170	
175	34.0	119.7	10,600	10,100	9,600	9,100	175	
180	31.3	111.7	9,700	9,300	8,800	8,300	180	
185	28.4	102.7	8,900	8,500	8,100	7,700	185	
190	25.2	92.6	8,200	7,800	7,400	7,000	190	
195	21.6	80.6	7,400	7,100	6,800	6,400	195	
200	17.2	65.9	6,700	6,400	6,200	5,900	200	
202	15.1	58.7	6,500	6,200	5,900	5,600	202	

# MLC200 S-2



**149,600 lb**  
 +  
**60,400 lb**

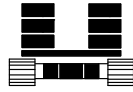


 <b>213.3 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
33	83.1	219.4	134,100				33
34	82.8	219.3	133,400				34
36	82.3	219.0	132,000				36
37	82.0	218.8	131,300	104,500			37
38	81.7	218.7	130,600	104,400			38
40	81.2	218.3	129,300	104,100			40
41	80.9	218.2	127,000	104,000	78,000		41
42	80.6	218.0	124,700	103,900	77,900		42
44	80.1	217.6	116,500	102,500	77,700		44
45	79.8	217.4	112,800	99,500	77,600	60,400	45
46	79.5	217.3	109,200	96,600	77,500	60,400	46
48	79.0	216.9	102,600	91,200	77,400	60,300	48
50	78.4	216.4	96,600	86,300	77,200	60,200	50
55	77.0	215.3	84,100	75,800	68,700	59,900	55
60	75.7	214.0	74,000	67,200	61,300	56,100	60
65	74.3	212.6	65,800	60,100	55,100	50,600	65
70	72.9	211.1	58,900	54,100	49,800	45,900	70
75	71.4	209.4	53,000	48,900	45,200	41,800	75
80	70.0	207.6	48,000	44,500	41,200	38,200	80
85	68.6	205.7	43,700	40,600	37,700	35,100	85
90	67.1	203.6	39,900	37,100	34,600	32,200	90
95	65.6	201.3	36,500	34,100	31,800	29,700	95
100	64.2	198.9	33,500	31,300	29,300	27,400	100
105	62.6	196.3	30,800	28,900	27,000	25,300	105
110	61.1	193.6	28,400	26,600	25,000	23,400	110
115	59.6	190.7	26,200	24,600	23,100	21,700	115
120	58.0	187.6	24,200	22,800	21,400	20,100	120
125	56.4	184.3	22,400	21,100	19,800	18,600	125
130	54.7	180.8	20,700	19,500	18,400	17,300	130
135	53.1	177.0	19,200	18,100	17,000	16,000	135
140	51.3	173.1	17,700	16,700	15,800	14,800	140
145	49.6	168.9	16,400	15,500	14,600	13,700	145
150	47.8	164.4	15,200	14,300	13,500	12,700	150
155	45.9	159.6	14,000	13,300	12,500	11,800	155
160	44.0	154.5	13,000	12,200	11,500	10,900	160
165	42.0	149.0	12,000	11,300	10,700	10,000	165
170	39.9	143.1	11,000	10,400	9,800	9,200	170
175	37.8	136.7	10,100	9,600	9,000	8,500	175
180	35.5	129.9	9,300	8,800	8,300	7,800	180
185	33.0	122.3	8,500	8,000	7,600	7,100	185
190	30.4	114.1	7,700	7,300	6,900	6,500	190
195	27.6	104.8	7,000	6,600	6,200	5,900	195
200	24.5	94.3	6,300	6,000	5,600	5,300	200
205	20.9	82.0	5,700	5,400	5,000	4,700	205
210	16.6	66.8	5,000	4,800	4,500	4,200	210
211	15.6	63.2	4,900	4,600	4,400	4,100	211

# MLC200 S-2



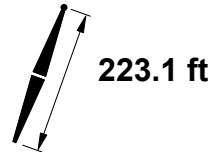
B10



149,600 lb  
+  
60,400 lb



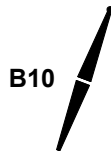
360°



223.1 ft

ft	°	ft	lb				ft
			0°	1°	2°	3°	
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	124,400	97,000			42
43	80.8	227.8	120,200	96,900	72,700		43
44	80.5	227.6	116,100	96,900	72,600		44
46	80.0	227.3	108,800	95,700	72,600	55,900	46
48	79.5	226.9	102,200	90,300	72,600	55,900	48
50	78.9	226.5	96,300	85,500	72,600	55,900	50
55	77.6	225.4	83,700	75,100	67,700	55,900	55
60	76.3	224.2	73,600	66,500	60,400	55,000	60
65	75.0	222.9	65,400	59,500	54,300	49,700	65
70	73.6	221.4	58,500	53,500	49,000	45,000	70
75	72.3	219.8	52,600	48,300	44,500	41,000	75
80	70.9	218.1	47,600	43,900	40,500	37,500	80
85	69.6	216.2	43,300	40,000	37,000	34,300	85
90	68.2	214.3	39,500	36,600	33,900	31,500	90
95	66.8	212.1	36,100	33,500	31,200	29,000	95
100	65.4	209.8	33,100	30,800	28,700	26,700	100
105	64.0	207.4	30,400	28,400	26,400	24,700	105
110	62.5	204.8	28,000	26,100	24,400	22,800	110
115	61.0	202.1	25,800	24,100	22,500	21,100	115
120	59.6	199.2	23,800	22,300	20,800	19,500	120
125	58.0	196.1	22,000	20,600	19,300	18,000	125
130	56.5	192.8	20,300	19,000	17,800	16,700	130
135	54.9	189.3	18,800	17,600	16,500	15,400	135
140	53.3	185.6	17,300	16,300	15,200	14,300	140
145	51.7	181.7	16,000	15,000	14,100	13,200	145
150	50.0	177.5	14,800	13,900	13,000	12,200	150
155	48.3	173.1	13,600	12,800	12,000	11,200	155
160	46.6	168.4	12,600	11,800	11,100	10,300	160
165	44.8	163.5	11,600	10,900	10,200	9,500	165
170	42.9	158.1	10,600	10,000	9,300	8,700	170
175	40.9	152.5	9,700	9,100	8,500	8,000	175
180	38.9	146.4	8,900	8,300	7,800	7,300	180
185	36.8	139.8	8,100	7,600	7,100	6,600	185
190	34.6	132.7	7,400	6,900	6,400	5,900	190
195	32.2	124.9	6,600	6,200	5,800	5,300	195
200	29.7	116.4	6,000	5,600	5,200	4,800	200
205	26.9	106.9	5,300	4,900	4,600	4,200	205
210	23.8	96.0	4,700	4,400	4,000		210
215	20.3	83.3	4,100				215

# MLC200 S-2

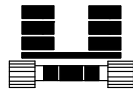
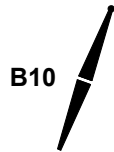


149,600 lb  
+  
60,400 lb



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	116,500	87,700	65,700		44
46	80.4	237.3	109,100	87,600	65,700		46
48	79.9	236.9	102,500	87,600	65,700	50,400	48
50	79.4	236.5	96,600	85,400	65,700	50,400	50
55	78.2	235.5	84,000	75,000	65,600	50,300	55
60	76.9	234.3	73,900	66,600	60,200	50,300	60
65	75.6	233.1	65,700	59,500	54,100	49,400	65
70	74.4	231.7	58,800	53,500	48,900	44,800	70
75	73.1	230.2	52,900	48,400	44,400	40,800	75
80	71.8	228.5	47,900	44,000	40,500	37,300	80
85	70.5	226.8	43,500	40,100	37,000	34,200	85
90	69.2	224.9	39,700	36,700	34,000	31,500	90
95	67.8	222.8	36,300	33,700	31,200	29,000	95
100	66.5	220.7	33,300	30,900	28,700	26,700	100
105	65.1	218.4	30,600	28,500	26,500	24,700	105
110	63.8	215.9	28,200	26,300	24,500	22,800	110
115	62.4	213.3	26,000	24,300	22,600	21,100	115
120	61.0	210.6	24,000	22,400	20,900	19,500	120
125	59.6	207.6	22,200	20,700	19,400	18,100	125
130	58.1	204.5	20,500	19,200	17,900	16,700	130
135	56.6	201.3	19,000	17,800	16,600	15,500	135
140	55.1	197.8	17,600	16,400	15,400	14,300	140
145	53.6	194.2	16,200	15,200	14,200	13,300	145
150	52.1	190.3	15,000	14,000	13,100	12,300	150
155	50.5	186.2	13,900	13,000	12,100	11,300	155
160	48.8	181.9	12,800	12,000	11,200	10,400	160
165	47.2	177.3	11,800	11,000	10,300	9,600	165
170	45.5	172.4	10,800	10,100	9,500	8,800	170
175	43.7	167.2	10,000	9,300	8,700	8,100	175
180	41.9	161.7	9,100	8,500	7,900	7,400	180
185	40.0	155.8	8,300	7,800	7,200	6,700	185
190	38.0	149.5	7,600	7,100	6,600	6,100	190
195	35.9	142.8	6,900	6,400	5,900	5,500	195
200	33.7	135.4	6,200	5,800	5,300	4,900	200
205	31.4	127.4	5,600	5,100	4,700	4,300	205
210	28.9	118.6	4,900	4,600	4,200		210
215	26.2	108.8	4,400	4,000			215

# MLC200 S-2



149,600 lb  
+  
60,400 lb



ft	°	ft	0° lb	1° lb	2° lb	3° 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	102,200	78,900	59,100			48
50	79.9	246.6	96,300	78,800	59,100	45,000		50
55	78.7	245.6	83,700	74,400	59,000	44,800		55
60	77.4	244.5	73,600	66,000	58,900	44,800		60
65	76.2	243.2	65,300	58,900	53,400	44,800		65
70	75.0	241.9	58,400	53,000	48,200	44,000		70
75	73.8	240.5	52,600	47,900	43,800	40,100		75
80	72.5	238.9	47,500	43,500	39,900	36,600		80
85	71.3	237.2	43,200	39,600	36,400	33,500		85
90	70.0	235.4	39,300	36,200	33,400	30,800		90
95	68.8	233.5	36,000	33,200	30,600	28,300		95
100	67.5	231.4	33,000	30,500	28,200	26,100		100
105	66.2	229.2	30,300	28,000	26,000	24,100		105
110	64.9	226.9	27,800	25,800	24,000	22,200		110
115	63.6	224.4	25,600	23,800	22,100	20,500		115
120	62.3	221.8	23,600	22,000	20,400	19,000		120
125	60.9	219.0	21,800	20,300	18,900	17,500		125
130	59.5	216.1	20,100	18,700	17,400	16,200		130
135	58.2	213.0	18,600	17,300	16,100	15,000		135
140	56.8	209.8	17,200	16,000	14,900	13,800		140
145	55.3	206.3	15,900	14,800	13,700	12,700		145
150	53.9	202.7	14,600	13,600	12,700	11,700		150
155	52.4	198.9	13,500	12,500	11,700	10,800		155
160	50.9	194.8	12,400	11,500	10,700	9,900		160
165	49.3	190.6	11,400	10,600	9,800	9,100		165
170	47.7	186.1	10,500	9,700	9,000	8,300		170
175	46.1	181.3	9,600	8,900	8,200	7,600		175
180	44.4	176.3	8,700	8,100	7,500	6,900		180
185	42.7	170.9	7,900	7,300	6,800	6,200		185
190	40.9	165.2	7,200	6,600	6,100	5,600		190
195	39.0	159.1	6,500	6,000	5,500	5,000		195
200	37.1	152.6	5,800	5,300	4,900	4,400		200
205	35.1	145.6	5,200	4,700	4,300			205
210	32.9	138.1	4,600	4,200				210
215	30.7	129.8	4,000					215

# MLC200 S-2



149,600 lb  
+  
60,400 lb

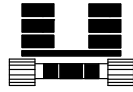


ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
38	83.0	258.4	100,300				38
40	82.6	258.2	99,800				40
42	82.1	257.9	99,200				42
43	81.9	257.7	99,000	71,100			43
44	81.6	257.6	98,700	71,100			44
46	81.2	257.3	98,200	71,100			46
47	80.9	257.1	97,900	71,000	53,300		47
48	80.7	256.9	97,700	71,000	53,200		48
50	80.3	256.6	96,000	71,000	53,200		50
52	79.8	256.2	90,900	70,900	53,100	40,000	52
55	79.1	255.6	83,400	70,800	53,100	40,000	55
60	77.9	254.5	73,300	65,300	53,000	39,900	60
65	76.8	253.4	65,000	58,300	52,600	39,900	65
70	75.6	252.1	58,000	52,400	47,500	39,800	70
75	74.4	250.7	52,200	47,300	43,100	39,300	75
80	73.2	249.2	47,100	42,900	39,200	35,800	80
85	72.1	247.6	42,800	39,100	35,800	32,800	85
90	70.9	245.9	38,900	35,700	32,700	30,100	90
95	69.6	244.0	35,500	32,700	30,000	27,600	95
100	68.4	242.1	32,500	29,900	27,600	25,400	100
105	67.2	240.0	29,800	27,500	25,400	23,400	105
110	66.0	237.8	27,400	25,300	23,400	21,600	110
115	64.7	235.4	25,200	23,300	21,500	19,900	115
120	63.4	232.9	23,200	21,500	19,800	18,300	120
125	62.2	230.3	21,400	19,800	18,300	16,900	125
130	60.9	227.5	19,700	18,200	16,900	15,600	130
135	59.5	224.6	18,100	16,800	15,500	14,400	135
140	58.2	221.5	16,700	15,500	14,300	13,200	140
145	56.9	218.3	15,400	14,300	13,200	12,100	145
150	55.5	214.9	14,200	13,100	12,100	11,100	150
155	54.1	211.3	13,000	12,000	11,100	10,200	155
160	52.7	207.5	11,900	11,000	10,200	9,300	160
165	51.2	203.5	10,900	10,100	9,300	8,500	165
170	49.7	199.3	10,000	9,200	8,500	7,700	170
175	48.2	194.9	9,100	8,400	7,700	7,000	175
180	46.7	190.2	8,300	7,600	6,900	6,300	180
185	45.1	185.2	7,500	6,800	6,200	5,600	185
190	43.4	180.0	6,700	6,100	5,600	5,000	190
195	41.7	174.5	6,000	5,500	4,900	4,400	195
200	40.0	168.6	5,400	4,800	4,300		200
205	38.2	162.3	4,700	4,200			205
210	36.3	155.6	4,100				210

# MLC200 S-2



B10



149,600 lb  
+  
60,400 lb

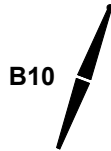


360°

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	84,900	63,700	47,500	35,600		53
55	79.5	265.6	83,100	63,600	47,400	35,600		55
60	78.4	264.6	73,000	63,500	47,400	35,500		60
65	77.3	263.5	64,700	57,800	47,300	35,400		65
70	76.2	262.3	57,700	51,900	46,800	35,400		70
75	75.0	260.9	51,900	46,900	42,400	35,300		75
80	73.9	259.5	46,800	42,500	38,600	35,200		80
85	72.8	258.0	42,400	38,600	35,200	32,200		85
90	71.6	256.3	38,600	35,200	32,200	29,500		90
95	70.4	254.5	35,200	32,200	29,500	27,000		95
100	69.3	252.7	32,200	29,500	27,100	24,900		100
105	68.1	250.7	29,500	27,100	24,900	22,900		105
110	66.9	248.5	27,100	24,900	22,900	21,000		110
115	65.7	246.3	24,900	22,900	21,100	19,400		115
120	64.5	243.9	22,900	21,100	19,400	17,800		120
125	63.3	241.4	21,100	19,400	17,900	16,400		125
130	62.1	238.8	19,400	17,900	16,400	15,100		130
135	60.8	236.0	17,800	16,400	15,100	13,900		135
140	59.5	233.1	16,400	15,100	13,900	12,800		140
145	58.3	230.0	15,100	13,900	12,800	11,700		145
150	57.0	226.8	13,900	12,700	11,700	10,700		150
155	55.6	223.4	12,700	11,700	10,700	9,800		155
160	54.3	219.8	11,600	10,700	9,800	8,900		160
165	52.9	216.0	10,600	9,700	8,900	8,100		165
170	51.5	212.1	9,700	8,900	8,100	7,300		170
175	50.1	208.0	8,800	8,000	7,300	6,600		175
180	48.7	203.6	8,000	7,200	6,600	5,900		180
185	47.2	199.0	7,200	6,500	5,900	5,200		185
190	45.7	194.2	6,400	5,800	5,200	4,600		190
195	44.1	189.1	5,700	5,100	4,600	4,000		195
200	42.5	183.7	5,100	4,500	4,000			200
205	40.9	178.0	4,400					205




# MLC200 S-2




**149,600 lb**  
 +  
**60,400 lb**



 <b>272.3 ft</b>			
ft	°	ft	lb
40	83.1	278.0	84,600
42	82.7	277.8	84,200
44	82.2	277.5	83,700
46	81.8	277.2	83,300
48	81.4	276.9	82,900
50	81.0	276.5	82,600
55	79.9	275.7	81,400
60	78.8	274.7	72,500
65	77.7	273.6	64,200
70	76.7	272.4	57,300
75	75.6	271.1	51,400
80	74.5	269.8	46,400
85	73.4	268.3	42,000
90	72.3	266.7	38,200
95	71.2	265.0	34,800
100	70.1	263.2	31,800
105	68.9	261.3	29,100
110	67.8	259.2	26,600
115	66.7	257.1	24,400
120	65.5	254.8	22,400
125	64.3	252.4	20,600
130	63.2	249.9	18,900
135	62.0	247.3	17,400
140	60.8	244.5	16,000
145	59.5	241.5	14,600
150	58.3	238.5	13,400
155	57.1	235.3	12,300
160	55.8	231.9	11,200
165	54.5	228.3	10,200
170	53.2	224.6	9,200
175	51.8	220.7	8,400
180	50.5	216.6	7,500
185	49.1	212.3	6,700
190	47.7	207.8	6,000
195	46.2	203.1	5,300
200	44.7	198.1	4,600
205	43.2	192.8	4,000