


# Liftcrane Boom Capacities

**Boom No. B10:82A**  
**184,600 lb Crane Counterweight**  
**44,000 lb Carbody Counterweight**  
**Crawler Machine on a Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

## MLC250 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 29,500 lb or 59,000 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 12,500 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. 80137888**, Wire Rope Specifications chart **No. 9909-A**, Counterweight Arrangements chart **No. 9893-A**, and Wind Conditions chart **No. 9908-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 28 ft 2 in. crawlers, 48 in. or 60 in. treads, 10 ft 3 in. retractable gantry, 30 ft live mast, 20 part boom hoist reeving, and boom support straps.

Consult chart **No. 9924-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	5,000	5,700	6,800
40.0	5,800	7,300	8,900
50.0	6,700	8,800	11,000
60.0	7,700	10,400	13,000
70.0	8,400	11,600	14,900
80.0	9,300	12,900	16,900

Weight of jib and 3,000 lb suspended beneath jib point have been included in determination of deduct.

Refer to Tables 1 and 2 for raising ability with the maximum weight of all load blocks, hooks, weight 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**

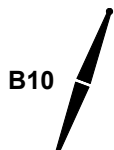
Over End or Side of Crawlers					
Boom Length (ft)	Maximum Number of Lower Boom Point Sheaves	Machine List			
		0°	1°	2°	3°
		Block Weight (lb)			
70.0 - 190.0	8	10,000	10,000	10,000	10,000
200.0	8	8,800	8,000	8,000	8,000
210.0	8	6,500	5,800	5,800	5,800
220.0	8	4,500	3,800	3,800	3,800
230.0	8	#	#	#	#
240.0	8	#	#	#	#
250.0	2	#	<b>Raising Not Permitted</b>		
260.0	2				
270.0	2				
280.0 (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)			
70.0 - 190.0	8	10,000	10,000	10,000	10,000
200.0	8	9,200	8,000	8,000	8,000
210.0	8	7,200	5,800	5,800	5,800
220.0	8	5,500	4,000	4,000	4,000
230.0	8	4,300	4,000	4,000	4,000
240.0	8	4,200	3,800	3,800	3,800
250.0	2	3,500	#	#	#
260.0	2	#	#	#	#
270.0	2	#	#	#	#
280.0 (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



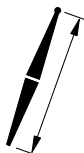
Boom No. B10:82A



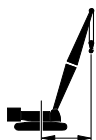
Crane Counterweight  
+  
Carbody Counterweight



360 Degree Rating



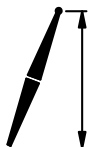
Boom Length



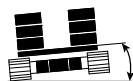
Operating Radius  
(see page 1)



Boom Angle  
(see page 1)



Boom Point Elevation  
(see page 1)



Machine List

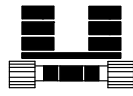


Lifting Capacities  
(see page 1)

# MLC250 S-2



B10

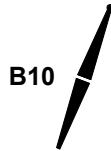


184,600 lb  
+  
44,000 lb



70.0 ft								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
16	82.8	77.4	470,000 b					16
17	82.0	77.2	444,500 b	415,100 b				17
18	81.1	77.0	421,500 b	394,900 b				18
19	80.3	76.8	400,800 b	376,600 b	355,200 b			19
20	79.5	76.6	381,900 b	359,900 b	339,200 b	289,400 b		20
22	77.8	76.1	348,900 b	330,400 b	307,300 b	261,900 b		22
24	76.1	75.6	321,000 b	305,200 b	280,700 b	238,900 b		24
26	74.4	75.0	297,100	283,500	258,200	219,500		26
28	72.7	74.3	276,300	258,400	238,900	202,900		28
30	70.9	73.6	250,400	233,000	217,500	188,400		30
32	69.2	72.8	226,400	211,900	198,900	175,800		32
34	67.4	71.9	206,300	194,100	183,000	164,700		34
36	65.6	71.0	189,300	178,900	169,400	154,700		36
38	63.7	70.0	174,800	165,800	157,500	145,900		38
40	61.9	68.9	162,200	154,300	147,100	137,900		40
42	60.0	67.7	151,100	144,300	137,900	130,600		42
44	58.0	66.4	141,400	135,300	129,700	124,100		44
46	56.0	65.0	132,700	127,300	122,300	117,500		46
48	54.0	63.5	124,900	120,200	115,600	111,400		48
50	51.9	61.9	117,900	113,700	109,600	105,800		50
55	46.3	57.2	103,100	99,900	96,700	93,800		55
60	40.1	51.5	91,200	88,700	86,300	84,000		60
65	32.9	44.3	81,500	79,600	77,700	75,900		65
70	23.7	34.3	73,200	71,800	70,400	69,100		70

# MLC250 S-2

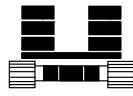


184,600 lb  
+  
44,000 lb



80.0 ft								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
17	83.0	87.3	443,700 b					17
18	82.3	87.2	420,800 b					18
19	81.5	87.0	400,000 b	372,800 b				19
20	80.8	86.8	381,200 b	356,300 b	334,400 b			20
22	79.4	86.4	348,200 b	327,200 b	306,800 b	261,300b		22
24	77.9	85.9	320,300 b	302,400 b	280,200 b	238,300b		24
26	76.4	85.4	296,400	280,900	257,700	218,900		26
28	74.9	84.8	275,600	256,000	235,300	202,300		28
30	73.4	84.2	250,600	230,900	213,800	187,900		30
32	71.9	83.5	226,400	210,100	195,700	175,200		32
34	70.4	82.8	206,400	192,500	180,200	164,100		34
36	68.8	82.0	189,300	177,500	166,900	154,200		36
38	67.3	81.1	174,800	164,600	155,300	145,300		38
40	65.7	80.2	162,100	153,200	145,100	137,300		40
42	64.1	79.2	151,000	143,200	136,000	129,400		42
44	62.5	78.1	141,300	134,400	127,900	122,000		44
46	60.8	76.9	132,600	126,400	120,700	115,300		46
48	59.1	75.7	124,800	119,300	114,200	109,300		48
50	57.4	74.4	117,800	112,900	108,200	103,800		50
55	53.0	70.7	103,000	99,200	95,500	92,000		55
60	48.2	66.3	91,100	88,100	85,200	82,400		60
65	43.1	61.1	81,400	79,000	76,700	74,400		65
70	37.3	54.9	73,300	71,300	69,500	67,700		70
75	30.6	47.0	66,300	64,800	63,300	61,900		75
80	22.0	36.1	60,300	59,200	58,000	56,900		80

# MLC250 S-2

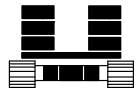
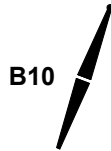


184,600 lb  
+  
44,000 lb



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
19	82.5	97.1	399,400 b				19
20	81.8	97.0	380,500 b	344,800 b			20
22	80.6	96.6	347,500 b	324,200 b	300,500 b		22
24	79.3	96.2	319,600 b	299,700 b	279,700 b	237,800 b	24
26	77.9	95.7	295,700	278,500	256,400	218,400	26
28	76.6	95.2	275,000	253,600	231,100	201,800	28
30	75.3	94.7	250,700	228,900	210,200	187,400	30
32	74.0	94.1	226,500	208,400	192,600	174,700	32
34	72.6	93.4	206,400	191,000	177,500	163,600	34
36	71.3	92.7	189,300	176,200	164,500	153,700	36
38	69.9	91.9	174,700	163,300	153,100	143,900	38
40	68.6	91.1	162,000	152,100	143,100	134,900	40
42	67.2	90.3	151,000	142,200	134,200	126,900	42
44	65.8	89.3	141,200	133,400	126,300	119,700	44
46	64.3	88.3	132,500	125,500	119,200	113,300	46
48	62.9	87.3	124,700	118,500	112,700	107,400	48
50	61.4	86.2	117,700	112,100	106,900	102,000	50
55	57.7	83.1	102,900	98,500	94,300	90,500	55
60	53.8	79.5	91,000	87,500	84,200	81,000	60
65	49.6	75.3	81,300	78,400	75,700	73,100	65
70	45.2	70.5	73,100	70,800	68,600	66,500	70
75	40.4	64.8	66,200	64,300	62,500	60,700	75
80	35.0	58.0	60,300	58,700	57,200	55,800	80
85	28.7	49.5	55,100	53,900	52,700	51,500	85
90	20.7	37.9	50,500	49,600	48,600	47,700	90

# MLC250 S-2

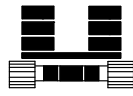
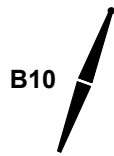


184,600 lb  
+  
44,000 lb



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
20	82.7	107.1	380,400 b				20
22	81.5	106.8	347,500 b	321,800 b			22
24	80.3	106.4	319,600 b	297,600 b	278,400 b		24
26	79.2	106.0	295,700	276,700	251,700	218,400	26
28	78.0	105.5	274,900	251,500	227,300	201,800	28
30	76.8	105.0	251,000	227,200	207,000	187,300	30
32	75.6	104.5	226,800	206,900	189,900	174,700	32
34	74.4	103.9	206,600	189,800	175,200	162,300	34
36	73.2	103.3	189,600	175,100	162,500	151,200	36
38	72.0	102.6	174,900	162,400	151,300	141,400	38
40	70.8	101.9	162,300	151,300	141,500	132,700	40
42	69.6	101.1	151,200	141,500	132,800	124,900	42
44	68.3	100.3	141,400	132,800	125,000	117,900	44
46	67.1	99.4	132,700	125,000	118,000	111,600	46
48	65.8	98.5	124,900	118,000	111,700	105,900	48
50	64.6	97.5	117,900	111,700	105,900	100,600	50
55	61.3	94.8	103,000	98,100	93,600	89,300	55
60	57.9	91.7	91,200	87,200	83,500	80,000	60
65	54.4	88.2	81,400	78,200	75,200	72,300	65
70	50.8	84.2	73,300	70,700	68,100	65,700	70
75	46.9	79.6	66,500	64,200	62,100	60,100	75
80	42.7	74.4	60,500	58,700	56,900	55,200	80
85	38.2	68.2	55,400	53,900	52,400	50,900	85
90	33.1	60.9	50,900	49,600	48,300	47,100	90
95	27.2	51.8	46,900	45,800	44,800	43,800	95
100	19.5	39.5	43,200	42,400	41,600	40,800	100

# MLC250 S-2



184,600 lb  
+  
44,000 lb



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
22	82.3	116.9	346,700				22
24	81.2	116.6	318,900	289,800			24
26	80.2	116.2	295,000	274,300	246,400		26
28	79.1	115.8	274,200	249,000	223,300	201,200	28
30	78.0	115.3	250,900	225,100	203,600	185,300	30
32	77.0	114.8	226,700	205,100	186,800	171,200	32
34	75.9	114.3	206,500	188,200	172,500	158,900	34
36	74.8	113.8	189,400	173,700	160,100	148,100	36
38	73.7	113.1	174,800	161,100	149,200	138,600	38
40	72.6	112.5	162,100	150,100	139,600	130,100	40
42	71.5	111.8	150,900	140,400	131,000	122,600	42
44	70.4	111.1	141,100	131,800	123,300	115,700	44
46	69.3	110.3	132,400	124,000	116,500	109,600	46
48	68.2	109.5	124,600	117,100	110,200	104,000	48
50	67.0	108.6	117,600	110,800	104,500	98,800	50
55	64.1	106.2	102,700	97,300	92,400	87,700	55
60	61.2	103.5	90,800	86,500	82,400	78,600	60
65	58.1	100.4	81,100	77,500	74,200	71,000	65
70	55.0	97.0	73,000	70,000	67,200	64,500	70
75	51.7	93.1	66,100	63,600	61,200	59,000	75
80	48.2	88.7	60,200	58,100	56,100	54,100	80
85	44.5	83.7	55,100	53,300	51,500	49,900	85
90	40.6	78.0	50,600	49,000	47,600	46,100	90
95	36.3	71.5	46,600	45,300	44,000	42,800	95
100	31.5	63.7	43,000	41,900	40,800	39,800	100
105	25.8	54.1	39,800	38,900	38,000	37,100	105
110	18.6	41.1	36,800	36,100	35,400	34,700	110



# MLC250 S-2

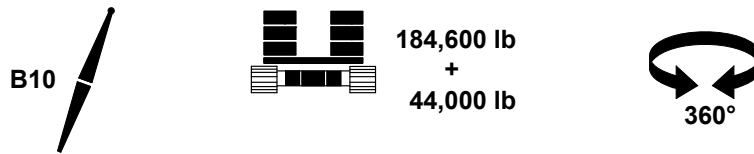


184,600 lb  
+  
44,000 lb



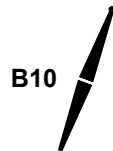
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
22	82.9	127.0	324,500				22
24	82.0	126.7	318,600	280,400			24
26	81.0	126.4	294,700	272,300	237,700		26
28	80.0	126.0	274,000	246,800	219,600		28
30	79.1	125.6	251,000	223,200	200,400	181,300	30
32	78.1	125.1	226,800	203,500	184,100	167,700	32
34	77.1	124.7	206,600	186,800	170,100	155,800	34
36	76.1	124.1	189,400	172,500	158,000	145,400	36
38	75.1	123.6	174,800	160,100	147,300	136,100	38
40	74.1	123.0	162,100	149,200	137,900	127,900	40
42	73.1	122.4	150,900	139,500	129,500	120,500	42
44	72.1	121.7	141,100	131,000	122,000	113,900	44
46	71.1	121.0	132,400	123,300	115,200	107,900	46
48	70.1	120.2	124,600	116,400	109,100	102,400	48
50	69.1	119.5	117,500	110,200	103,500	97,400	50
55	66.5	117.3	102,700	96,800	91,500	86,500	55
60	63.8	114.9	90,800	86,100	81,700	77,600	60
65	61.1	112.1	81,100	77,200	73,500	70,100	65
70	58.3	109.1	73,000	69,700	66,600	63,700	70
75	55.4	105.7	66,100	63,300	60,700	58,200	75
80	52.4	101.9	60,200	57,800	55,600	53,400	80
85	49.3	97.7	55,000	53,000	51,100	49,200	85
90	46.0	92.9	50,500	48,800	47,100	45,500	90
95	42.5	87.6	46,600	45,100	43,600	42,200	95
100	38.8	81.5	43,000	41,700	40,500	39,300	100
105	34.7	74.6	39,800	38,700	37,700	36,600	105
110	30.1	66.3	37,000	36,000	35,100	34,200	110
115	24.7	56.2	34,300	33,500	32,800	32,000	115
120	17.7	42.5	31,900	31,300	30,600	30,000	120

# MLC250 S-2



130.0 ft								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
24	82.6	136.8	295,000				24	
26	81.7	136.5	294,300	246,800			26	
28	80.8	136.2	273,500	241,600	206,100	177,000	28	
30	79.9	135.8	251,000	221,300	197,200	164,200	30	
32	79.0	135.4	226,800	201,900	181,300	164,200	32	
34	78.1	134.9	206,500	185,400	167,700	152,700	34	
36	77.2	134.5	189,400	171,200	155,800	142,600	36	
38	76.3	133.9	174,700	158,900	145,400	133,600	38	
40	75.4	133.4	162,000	148,100	136,100	125,600	40	
42	74.5	132.8	150,800	138,600	127,900	118,400	42	
44	73.5	132.2	141,000	130,100	120,500	112,000	44	
46	72.6	131.6	132,200	122,500	113,800	106,100	46	
48	71.7	130.9	124,400	115,600	107,800	100,700	48	
50	70.7	130.2	117,400	109,400	102,300	95,800	50	
55	68.4	128.2	102,500	96,200	90,400	85,200	55	
60	66.0	126.0	90,600	85,500	80,700	76,400	60	
65	63.5	123.5	80,900	76,600	72,700	69,000	65	
70	61.0	120.8	72,700	69,200	65,800	62,700	70	
75	58.4	117.8	65,800	62,800	60,000	57,300	75	
80	55.8	114.4	59,900	57,400	54,900	52,600	80	
85	53.0	110.7	54,800	52,600	50,500	48,500	85	
90	50.2	106.6	50,300	48,400	46,600	44,800	90	
95	47.2	102.0	46,400	44,700	43,100	41,500	95	
100	44.1	97.0	42,800	41,400	39,900	38,600	100	
105	40.7	91.3	39,600	38,400	37,100	35,900	105	
110	37.1	84.9	36,800	35,700	34,600	33,500	110	
115	33.2	77.5	34,200	33,200	32,300	31,300	115	
120	28.8	68.9	31,800	31,000	30,200	29,400	120	
125	23.6	58.2	29,600	28,900	28,200	27,500	125	
130	17.0	44.0	27,600	27,000	26,400	25,900	130	

# MLC250 S-2

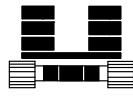
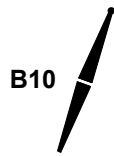


184,600 lb  
+  
44,000 lb



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
26	82.3	146.6	293,400				26
28	81.5	146.3	273,300	234,400			28
30	80.6	146.0	251,000	219,400	194,100		30
32	79.8	145.6	226,700	200,200	178,700	160,800	32
34	79.0	145.2	206,500	183,900	165,300	149,700	34
36	78.1	144.7	189,300	169,900	153,700	139,900	36
38	77.3	144.3	174,600	157,800	143,500	131,200	38
40	76.5	143.8	161,900	147,100	134,400	123,400	40
42	75.6	143.2	150,700	137,600	126,300	116,500	42
44	74.8	142.7	140,900	129,200	119,100	110,100	44
46	73.9	142.1	132,100	121,700	112,500	104,400	46
48	73.0	141.4	124,300	114,900	106,600	99,100	48
50	72.2	140.8	117,200	108,700	101,100	94,300	50
55	70.0	139.0	102,400	95,600	89,500	83,900	55
60	67.8	137.0	90,500	84,900	79,900	75,300	60
65	65.6	134.7	80,700	76,100	71,900	68,000	65
70	63.3	132.2	72,600	68,700	65,200	61,900	70
75	60.9	129.5	65,700	62,400	59,400	56,500	75
80	58.5	126.4	59,800	57,000	54,400	51,900	80
85	56.1	123.1	54,700	52,200	50,000	47,800	85
90	53.5	119.5	50,200	48,100	46,100	44,200	90
95	50.9	115.4	46,200	44,400	42,600	40,900	95
100	48.2	111.0	42,700	41,100	39,500	38,000	100
105	45.3	106.2	39,500	38,100	36,700	35,400	105
110	42.3	100.8	36,700	35,400	34,200	33,000	110
115	39.1	94.8	34,100	33,000	31,900	30,800	115
120	35.7	88.1	31,700	30,700	29,800	28,900	120
125	31.9	80.3	29,500	28,700	27,800	27,000	125
130	27.7	71.3	27,500	26,800	26,100	25,400	130
135	22.7	60.2	25,700	25,000	24,400	23,800	135
140	16.3	45.3	23,900	23,400	22,900	22,400	140

# MLC250 S-2



184,600 lb  
+  
44,000 lb



150.0 ft								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
26	82.8	156.7	264,900					26
28	82.0	156.4	258,900					28
30	81.3	156.1	250,900	204,800				30
32	80.5	155.8	226,600	198,400	170,100			32
34	79.7	155.4	206,300	182,300	162,800	145,300		34
36	78.9	155.0	189,100	168,500	151,500	137,100		36
38	78.2	154.5	174,300	156,400	141,400	128,600		38
40	77.4	154.1	161,600	145,900	132,500	121,100		40
42	76.6	153.6	150,400	136,500	124,600	114,300		42
44	75.8	153.0	140,500	128,200	117,400	108,100		44
46	75.0	152.5	131,800	120,700	111,000	102,500		46
48	74.2	151.9	123,900	113,900	105,100	97,300		48
50	73.4	151.3	116,900	107,800	99,800	92,600		50
55	71.4	149.6	102,000	94,700	88,200	82,400		55
60	69.4	147.8	90,000	84,100	78,800	73,900		60
65	67.3	145.7	80,300	75,400	70,900	66,800		65
70	65.2	143.4	72,100	68,000	64,200	60,700		70
75	63.0	140.9	65,200	61,700	58,500	55,400		75
80	60.9	138.1	59,300	56,300	53,500	50,800		80
85	58.6	135.1	54,200	51,600	49,100	46,800		85
90	56.4	131.8	49,700	47,400	45,200	43,200		90
95	54.0	128.2	45,700	43,700	41,800	40,000		95
100	51.6	124.3	42,200	40,400	38,700	37,100		100
105	49.1	120.0	39,000	37,500	36,000	34,500		105
110	46.4	115.3	36,200	34,800	33,400	32,200		110
115	43.7	110.2	33,600	32,300	31,200	30,000		115
120	40.8	104.5	31,200	30,100	29,100	28,000		120
125	37.7	98.2	29,100	28,100	27,100	26,200		125
130	34.4	91.1	27,100	26,200	25,400	24,500		130
135	30.8	83.1	25,200	24,500	23,700	23,000		135
140	26.7	73.6	23,500	22,900	22,200	21,600		140
145	21.9	62.1	21,900	21,400	20,800	20,200		145
150	15.7	46.7	20,400	19,900	19,500	19,000		150

# MLC250 S-2



184,600 lb  
+  
44,000 lb

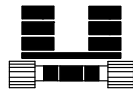


ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
28	82.5	166.5	236,000				28
30	81.8	166.2	236,000	196,700			30
32	81.1	165.9	226,400	192,900			32
34	80.4	165.6	206,100	180,900	160,500		34
36	79.6	165.2	188,900	167,200	149,400	132,800	36
38	78.9	164.8	174,200	155,300	139,600	126,300	38
40	78.2	164.3	161,400	144,800	130,800	118,900	40
42	77.4	163.9	150,200	135,500	123,000	112,300	42
44	76.7	163.4	140,300	127,200	116,000	106,300	44
46	76.0	162.9	131,600	119,800	109,700	100,800	46
48	75.2	162.3	123,700	113,100	103,900	95,800	48
50	74.5	161.7	116,700	107,000	98,600	91,200	50
55	72.6	160.2	101,700	94,100	87,200	81,100	55
60	70.7	158.5	89,800	83,500	77,900	72,800	60
65	68.8	156.5	80,000	74,800	70,100	65,800	65
70	66.8	154.4	71,900	67,500	63,500	59,800	70
75	64.9	152.1	65,000	61,200	57,800	54,600	75
80	62.9	149.5	59,100	55,800	52,900	50,100	80
85	60.8	146.8	53,900	51,100	48,500	46,100	85
90	58.7	143.8	49,400	47,000	44,700	42,500	90
95	56.6	140.5	45,500	43,300	41,300	39,300	95
100	54.4	137.0	41,900	40,000	38,200	36,500	100
105	52.1	133.1	38,800	37,100	35,500	33,900	105
110	49.8	128.9	35,900	34,400	33,000	31,600	110
115	47.4	124.4	33,300	32,000	30,700	29,400	115
120	44.9	119.5	31,000	29,800	28,600	27,500	120
125	42.2	114.0	28,800	27,800	26,700	25,700	125
130	39.4	108.1	26,900	25,900	24,900	24,000	130
135	36.5	101.5	25,000	24,200	23,300	22,500	135
140	33.3	94.1	23,300	22,600	21,800	21,100	140
145	29.8	85.7	21,800	21,100	20,400	19,700	145
150	25.8	75.9	20,300	19,700	19,100	18,500	150
155	21.2	63.9	18,900	18,400	17,900	17,400	155
160	15.2	47.9	17,600	17,100	16,700	16,300	160

# MLC250 S-2



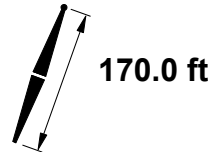
B10



184,600 lb  
+  
44,000 lb



360°



170.0 ft

ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
28	83.0	176.6	231,700				28	
30	82.3	176.4	227,200				30	
32	81.6	176.0	222,700	178,200			32	
34	80.9	175.7	206,000	175,200	145,200		34	
36	80.3	175.4	188,700	165,800	144,900		36	
38	79.6	175.0	174,000	154,000	137,700	116,100	38	
40	78.9	174.6	161,200	143,700	129,100	116,000	40	
42	78.2	174.1	150,000	134,500	121,400	110,300	42	
44	77.5	173.7	140,100	126,300	114,500	104,400	44	
46	76.8	173.2	131,300	118,900	108,300	99,100	46	
48	76.1	172.7	123,500	112,300	102,600	94,100	48	
50	75.4	172.1	116,400	106,200	97,400	89,600	50	
55	73.7	170.7	101,400	93,300	86,200	79,800	55	
60	71.9	169.1	89,500	82,900	77,000	71,600	60	
65	70.1	167.3	79,700	74,200	69,200	64,700	65	
70	68.3	165.3	71,600	66,900	62,700	58,800	70	
75	66.4	163.1	64,600	60,700	57,000	53,700	75	
80	64.6	160.8	58,700	55,300	52,100	49,200	80	
85	62.7	158.2	53,600	50,600	47,800	45,200	85	
90	60.8	155.4	49,100	46,500	44,000	41,700	90	
95	58.8	152.4	45,100	42,800	40,600	38,600	95	
100	56.8	149.2	41,600	39,500	37,600	35,800	100	
105	54.7	145.7	38,400	36,600	34,900	33,200	105	
110	52.6	141.9	35,600	33,900	32,400	30,900	110	
115	50.4	137.8	33,000	31,500	30,100	28,800	115	
120	48.2	133.4	30,600	29,300	28,100	26,800	120	
125	45.9	128.6	28,500	27,300	26,200	25,100	125	
130	43.4	123.4	26,500	25,400	24,400	23,400	130	
135	40.9	117.8	24,700	23,700	22,800	21,900	135	
140	38.2	111.5	23,000	22,100	21,300	20,500	140	
145	35.3	104.6	21,400	20,700	19,900	19,100	145	
150	32.2	97.0	20,000	19,300	18,600	17,900	150	
155	28.8	88.2	18,600	18,000	17,400	16,800	155	
160	25.0	78.0	17,300	16,800	16,200	15,700	160	
165	20.5	65.7	16,100	15,600	15,200	14,700	165	

# MLC250 S-2

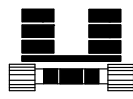


184,600 lb  
+  
44,000 lb



180.0 ft							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
30	82.7	186.5	206,500				30
32	82.1	186.2	206,500				32
34	81.5	185.8	205,800	167,300			34
36	80.8	185.5	188,600	164,400	128,000		36
38	80.2	185.2	173,800	152,800	127,900		38
40	79.5	184.8	161,000	142,600	127,400	102,000	40
42	78.9	184.4	149,800	133,500	119,900	101,900	42
44	78.2	183.9	139,900	125,300	113,100	101,900	44
46	77.6	183.5	131,100	118,000	107,000	97,400	46
48	76.9	183.0	123,200	111,400	101,400	92,600	48
50	76.2	182.5	116,100	105,500	96,200	88,200	50
55	74.6	181.1	101,200	92,700	85,200	78,500	55
60	72.9	179.6	89,200	82,300	76,100	70,500	60
65	71.3	177.9	79,400	73,600	68,400	63,700	65
70	69.6	176.1	71,300	66,400	61,900	57,900	70
75	67.8	174.0	64,400	60,200	56,300	52,800	75
80	66.1	171.8	58,400	54,800	51,500	48,400	80
85	64.3	169.4	53,300	50,100	47,200	44,500	85
90	62.5	166.9	48,800	46,000	43,400	41,000	90
95	60.7	164.1	44,800	42,400	40,100	37,900	95
100	58.9	161.1	41,300	39,100	37,100	35,100	100
105	57.0	157.9	38,100	36,200	34,300	32,600	105
110	55.0	154.4	35,300	33,500	31,900	30,300	110
115	53.1	150.7	32,700	31,100	29,600	28,200	115
120	51.0	146.7	30,300	28,900	27,600	26,300	120
125	48.9	142.4	28,200	26,900	25,700	24,500	125
130	46.7	137.7	26,200	25,100	24,000	22,900	130
135	44.5	132.7	24,400	23,400	22,300	21,400	135
140	42.1	127.3	22,700	21,800	20,800	20,000	140
145	39.7	121.3	21,200	20,300	19,500	18,600	145
150	37.1	114.9	19,700	18,900	18,200	17,400	150
155	34.3	107.7	18,400	17,600	17,000	16,300	155
160	31.3	99.7	17,100	16,400	15,800	15,200	160
165	28.0	90.7	15,900	15,300	14,700	14,200	165
170	24.3	80.2	14,700	14,200	13,700	13,300	170
175	19.9	67.4	13,700	13,200	12,800	12,400	175

# MLC250 S-2



184,600 lb  
+  
44,000 lb



190.0 ft								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
32	82.5	196.3	196,900					32
34	81.9	196.0	193,500	149,600				34
36	81.3	195.7	188,400	149,300				36
38	80.7	195.3	173,600	148,900	113,200			38
40	80.1	194.9	160,700	141,400	113,000			40
42	79.5	194.6	149,500	132,400	112,900	89,800		42
44	78.8	194.2	139,600	124,300	111,600	89,700		44
46	78.2	193.7	130,800	117,100	105,500	89,600		46
48	77.6	193.3	122,900	110,500	100,000	89,500		48
50	77.0	192.8	115,800	104,600	94,900	86,600		50
55	75.4	191.5	100,800	91,800	84,000	77,100		55
60	73.9	190.1	88,800	81,500	75,000	69,200		60
65	72.3	188.5	79,000	72,900	67,400	62,500		65
70	70.7	186.7	70,800	65,700	61,000	56,800		70
75	69.1	184.8	63,900	59,500	55,500	51,800		75
80	67.4	182.8	58,000	54,100	50,600	47,400		80
85	65.8	180.5	52,800	49,500	46,400	43,600		85
90	64.1	178.1	48,300	45,400	42,700	40,100		90
95	62.4	175.5	44,300	41,700	39,300	37,100		95
100	60.7	172.7	40,800	38,500	36,300	34,300		100
105	58.9	169.8	37,600	35,600	33,600	31,800		105
110	57.1	166.6	34,800	32,900	31,200	29,500		110
115	55.3	163.1	32,200	30,500	28,900	27,400		115
120	53.4	159.4	29,800	28,300	26,900	25,500		120
125	51.5	155.5	27,700	26,300	25,000	23,700		125
130	49.5	151.3	25,700	24,500	23,300	22,100		130
135	47.5	146.8	23,900	22,700	21,700	20,600		135
140	45.4	141.9	22,200	21,200	20,200	19,200		140
145	43.2	136.7	20,600	19,700	18,800	17,900		145
150	40.9	131.0	19,200	18,300	17,500	16,700		150
155	38.6	124.8	17,800	17,100	16,300	15,500		155
160	36.0	118.1	16,600	15,900	15,200	14,500		160
165	33.3	110.7	15,400	14,700	14,100	13,500		165
170	30.4	102.4	14,300	13,700	13,100	12,500		170
175	27.2	93.1	13,200	12,700	12,100	11,600		175
180	23.6	82.2	12,200	11,700	11,300	10,800		180
185	19.4	69.1	11,200	10,800	10,400	10,000		185



# MLC250 S-2

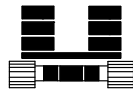
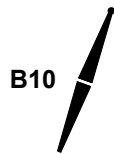


184,600 lb  
+  
44,000 lb



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
32	82.9	206.4	177,000				32
34	82.3	206.1	177,000				34
36	81.7	205.8	177,000	133,400			36
38	81.2	205.5	173,300	133,100			38
40	80.6	205.1	160,500	132,900	100,500		40
42	80.0	204.7	149,200	131,400	100,400	79,400	42
44	79.4	204.4	139,300	123,400	100,200	79,300	44
46	78.8	204.0	130,500	116,200	100,100	79,200	46
48	78.2	203.5	122,600	109,700	98,700	79,100	48
50	77.6	203.1	115,500	103,800	93,800	79,000	50
55	76.2	201.8	100,500	91,100	83,000	75,900	55
60	74.7	200.5	88,500	80,800	74,100	68,100	60
65	73.2	199.0	78,700	72,300	66,600	61,500	65
70	71.7	197.3	70,500	65,100	60,200	55,800	70
75	70.2	195.6	63,600	58,900	54,700	50,900	75
80	68.6	193.6	57,600	53,600	50,000	46,600	80
85	67.1	191.5	52,500	49,000	45,800	42,800	85
90	65.5	189.2	48,000	44,900	42,000	39,400	90
95	63.9	186.8	44,000	41,300	38,700	36,400	95
100	62.3	184.2	40,400	38,000	35,700	33,600	100
105	60.7	181.4	37,300	35,100	33,100	31,100	105
110	59.0	178.4	34,400	32,500	30,600	28,900	110
115	57.3	175.2	31,800	30,100	28,400	26,800	115
120	55.6	171.8	29,500	27,900	26,400	24,900	120
125	53.8	168.2	27,300	25,900	24,500	23,200	125
130	52.0	164.3	25,400	24,000	22,800	21,600	130
135	50.1	160.2	23,500	22,300	21,200	20,100	135
140	48.2	155.8	21,900	20,800	19,700	18,700	140
145	46.2	151.0	20,300	19,300	18,300	17,400	145
150	44.2	146.0	18,900	17,900	17,000	16,200	150
155	42.1	140.5	17,500	16,700	15,800	15,000	155
160	39.8	134.6	16,200	15,500	14,700	14,000	160
165	37.5	128.2	15,100	14,300	13,600	13,000	165
170	35.1	121.2	13,900	13,300	12,600	12,000	170
175	32.4	113.6	12,900	12,300	11,700	11,100	175
180	29.6	105.0	11,900	11,400	10,800	10,300	180
185	26.5	95.4	10,900	10,500	10,000	9,500	185
190	23.0	84.2	10,000	9,600	9,200	8,800	190
195	18.9	70.7	9,200	8,800	8,400	8,100	195

# MLC250 S-2



184,600 lb  
+  
44,000 lb



210.0 ft								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
34	82.7	216.2	171,700					34
36	82.1	215.9	170,600					36
38	81.6	215.6	168,000	119,300				38
40	81.0	215.3	160,200	119,100				40
42	80.5	214.9	149,000	118,900	89,500			42
44	79.9	214.5	139,000	118,600	89,400	70,300		44
46	79.4	214.2	130,200	115,200	89,200	70,200		46
48	78.8	213.7	122,300	108,800	89,000	70,100		48
50	78.2	213.3	115,200	102,900	88,900	70,000		50
55	76.8	212.2	100,200	90,300	81,900	69,800		55
60	75.4	210.9	88,100	80,100	73,100	66,900		60
65	74.0	209.4	78,300	71,600	65,700	60,400		65
70	72.6	207.9	70,100	64,500	59,400	54,900		70
75	71.1	206.2	63,200	58,300	54,000	50,000		75
80	69.7	204.4	57,200	53,000	49,200	45,700		80
85	68.2	202.4	52,100	48,400	45,000	42,000		85
90	66.7	200.2	47,600	44,300	41,400	38,600		90
95	65.2	197.9	43,600	40,700	38,100	35,600		95
100	63.7	195.5	40,000	37,500	35,100	32,900		100
105	62.2	192.9	36,900	34,600	32,400	30,400		105
110	60.6	190.1	34,000	31,900	30,000	28,200		110
115	59.0	187.1	31,400	29,500	27,800	26,100		115
120	57.4	183.9	29,100	27,400	25,800	24,200		120
125	55.8	180.5	26,900	25,400	23,900	22,500		125
130	54.1	176.9	24,900	23,500	22,200	20,900		130
135	52.4	173.1	23,100	21,800	20,600	19,400		135
140	50.6	169.1	21,400	20,300	19,100	18,000		140
145	48.8	164.7	19,900	18,800	17,800	16,800		145
150	47.0	160.1	18,400	17,400	16,500	15,600		150
155	45.0	155.2	17,100	16,200	15,300	14,400		155
160	43.1	149.9	15,800	15,000	14,200	13,400		160
165	41.0	144.2	14,600	13,900	13,100	12,400		165
170	38.8	138.1	13,500	12,800	12,100	11,400		170
175	36.6	131.5	12,500	11,800	11,200	10,600		175
180	34.2	124.3	11,500	10,900	10,300	9,700		180
185	31.6	116.4	10,600	10,000	9,500	8,900		185
190	28.9	107.6	9,700	9,200	8,700	8,200		190
195	25.8	97.7	8,800	8,400	7,900	7,500		195
200	22.4	86.2	8,000	7,600	7,200	6,800		200
205	18.4	72.3	7,200	6,900	6,500	6,200		205

# MLC250 S-2

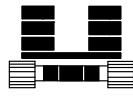
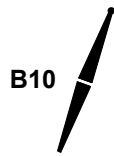


184,600 lb  
+  
44,000 lb



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
34	83.0	226.3	155,200				34
36	82.5	226.0	154,700				36
38	82.0	225.7	154,200	107,000			38
40	81.4	225.4	153,700	106,900			40
42	80.9	225.1	148,700	106,600	79,900		42
44	80.4	224.7	138,700	106,400	79,800		44
46	79.9	224.3	129,900	106,200	79,700	62,300	46
48	79.3	224.0	122,000	106,100	79,600	62,200	48
50	78.8	223.5	114,900	102,100	79,500	62,200	50
55	77.5	222.4	99,800	89,600	79,100	61,900	55
60	76.1	221.2	87,800	79,400	72,200	61,700	60
65	74.8	219.9	78,000	71,000	64,900	59,400	65
70	73.4	218.4	69,800	63,900	58,600	53,900	70
75	72.0	216.8	62,800	57,800	53,200	49,100	75
80	70.7	215.0	56,900	52,500	48,500	44,900	80
85	69.3	213.1	51,700	47,900	44,400	41,200	85
90	67.9	211.1	47,200	43,800	40,700	37,900	90
95	66.4	208.9	43,200	40,200	37,500	34,900	95
100	65.0	206.6	39,700	37,000	34,500	32,200	100
105	63.6	204.2	36,500	34,100	31,900	29,800	105
110	62.1	201.5	33,600	31,500	29,400	27,500	110
115	60.6	198.7	31,100	29,100	27,200	25,500	115
120	59.1	195.8	28,700	26,900	25,200	23,600	120
125	57.5	192.6	26,500	24,900	23,400	21,900	125
130	56.0	189.2	24,600	23,100	21,700	20,300	130
135	54.4	185.7	22,800	21,400	20,100	18,900	135
140	52.7	181.9	21,100	19,800	18,600	17,500	140
145	51.1	177.9	19,500	18,400	17,300	16,200	145
150	49.4	173.7	18,100	17,000	16,000	15,000	150
155	47.6	169.1	16,700	15,700	14,800	13,900	155
160	45.8	164.3	15,500	14,600	13,700	12,800	160
165	43.9	159.2	14,300	13,400	12,600	11,900	165
170	42.0	153.7	13,200	12,400	11,700	10,900	170
175	40.0	147.8	12,100	11,400	10,700	10,100	175
180	37.9	141.5	11,100	10,500	9,800	9,200	180
185	35.7	134.7	10,200	9,600	9,000	8,400	185
190	33.4	127.3	9,300	8,800	8,200	7,700	190
195	30.9	119.1	8,500	8,000	7,500	7,000	195
200	28.2	110.1	7,700	7,200	6,800	6,300	200
205	25.2	99.9	6,900	6,500	6,100	5,700	205
210	21.9	88.1	6,200	5,800	5,400	5,100	210
215	17.9	73.8	5,500	5,100	4,800	4,500	215

# MLC250 S-2

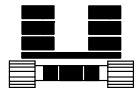
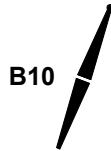


184,600 lb  
+  
44,000 lb



ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
36	82.8	236.1	140,200				36
38	82.3	235.8	139,700				38
40	81.8	235.5	139,200	95,600			40
42	81.3	235.2	138,600	95,400			42
44	80.8	234.9	137,300	95,300	71,400		44
46	80.3	234.5	129,500	95,100	71,300		46
48	79.8	234.1	121,600	94,900	71,100	55,200	48
50	79.3	233.8	114,500	94,700	71,000	55,200	50
55	78.0	232.7	99,400	88,800	70,700	54,900	55
60	76.7	231.5	87,400	78,600	70,400	54,700	60
65	75.4	230.2	77,500	70,200	63,900	54,500	65
70	74.2	228.8	69,300	63,100	57,700	52,800	70
75	72.8	227.3	62,300	57,100	52,300	48,100	75
80	71.5	225.6	56,400	51,800	47,700	43,900	80
85	70.2	223.8	51,200	47,200	43,600	40,300	85
90	68.9	221.9	46,700	43,100	39,900	37,000	90
95	67.5	219.9	42,700	39,600	36,700	34,000	95
100	66.2	217.7	39,100	36,300	33,700	31,400	100
105	64.8	215.3	36,000	33,400	31,100	28,900	105
110	63.4	212.8	33,100	30,800	28,700	26,700	110
115	62.0	210.2	30,500	28,400	26,500	24,700	115
120	60.6	207.4	28,100	26,300	24,500	22,900	120
125	59.1	204.4	26,000	24,300	22,700	21,200	125
130	57.6	201.3	24,000	22,500	21,000	19,600	130
135	56.1	197.9	22,200	20,800	19,400	18,100	135
140	54.6	194.4	20,500	19,200	17,900	16,700	140
145	53.1	190.7	19,000	17,700	16,600	15,500	145
150	51.5	186.7	17,500	16,400	15,300	14,300	150
155	49.9	182.6	16,200	15,100	14,100	13,200	155
160	48.2	178.1	14,900	13,900	13,000	12,100	160
165	46.5	173.4	13,700	12,800	12,000	11,100	165
170	44.7	168.4	12,600	11,800	11,000	10,200	170
175	42.9	163.1	11,600	10,800	10,100	9,300	175
180	41.0	157.5	10,600	9,900	9,200	8,500	180
185	39.1	151.4	9,600	9,000	8,300	7,700	185
190	37.0	144.9	8,800	8,200	7,600	7,000	190
195	34.9	137.8	7,900	7,400	6,800	6,300	195
200	32.6	130.2	7,100	6,600	6,100	5,600	200
205	30.2	121.8	6,400	5,900	5,400	5,000	205
210	27.5	112.5	5,700	5,200	4,800	4,400	210
215	24.6	102.0	5,000	4,600	4,200		215
220	21.4	89.9	4,300				220

# MLC250 S-2



184,600 lb  
+  
44,000 lb

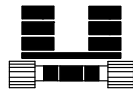


ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
38	82.6	245.9	127,000					38
40	82.2	245.6	126,500					40
42	81.7	245.3	125,700	85,600				42
44	81.2	245.0	124,500	85,400				44
46	80.7	244.7	123,400	85,200	63,900			46
48	80.2	244.3	121,300	85,000	63,800			48
50	79.7	243.9	114,100	84,900	63,600	49,000		50
55	78.5	242.9	99,100	84,400	63,300	48,800		55
60	77.3	241.8	87,000	77,900	63,000	48,500		60
65	76.1	240.6	77,100	69,600	62,700	48,400		65
70	74.8	239.2	68,900	62,500	56,900	48,100		70
75	73.6	237.8	62,000	56,500	51,600	47,200		75
80	72.3	236.2	56,000	51,200	47,000	43,100		80
85	71.1	234.5	50,800	46,700	42,900	39,500		85
90	69.8	232.6	46,300	42,600	39,300	36,200		90
95	68.5	230.7	42,300	39,000	36,000	33,300		95
100	67.2	228.6	38,700	35,800	33,100	30,700		100
105	65.9	226.4	35,600	32,900	30,500	28,300		105
110	64.6	224.0	32,700	30,300	28,100	26,100		110
115	63.3	221.5	30,100	28,000	26,000	24,100		115
120	61.9	218.9	27,700	25,800	24,000	22,200		120
125	60.5	216.0	25,600	23,800	22,100	20,500		125
130	59.2	213.1	23,600	22,000	20,400	19,000		130
135	57.7	209.9	21,800	20,300	18,900	17,500		135
140	56.3	206.6	20,100	18,700	17,400	16,200		140
145	54.9	203.1	18,600	17,300	16,100	14,900		145
150	53.4	199.4	17,100	15,900	14,800	13,700		150
155	51.9	195.6	15,800	14,700	13,600	12,600		155
160	50.3	191.4	14,500	13,500	12,500	11,600		160
165	48.7	187.1	13,300	12,400	11,500	10,600		165
170	47.1	182.5	12,200	11,300	10,500	9,700		170
175	45.4	177.6	11,200	10,400	9,600	8,800		175
180	43.7	172.4	10,200	9,400	8,700	8,000		180
185	42.0	166.9	9,300	8,600	7,900	7,200		185
190	40.1	161.1	8,400	7,700	7,100	6,500		190
195	38.2	154.8	7,500	6,900	6,300	5,800		195
200	36.2	148.1	6,800	6,200	5,600	5,100		200
205	34.1	140.9	6,000	5,500	5,000	4,500		205
210	31.9	133.0	5,300	4,800	4,300			210
215	29.5	124.4	4,600	4,100				215

# MLC250 S-2



B10



184,600 lb  
+  
44,000 lb



360°

ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
38	82.9	256.0	116,200					38
40	82.5	255.7	115,300					40
42	82.0	255.4	114,200					42
44	81.5	255.1	113,100	77,500				44
46	81.1	254.8	112,000	77,300				46
48	80.6	254.5	111,000	77,200	57,900			48
50	80.2	254.1	109,900	77,000	57,700			50
55	79.0	253.1	99,400	76,600	57,400	44,000		55
60	77.8	252.1	87,400	76,100	57,100	43,800		60
65	76.6	250.9	77,500	69,600	56,700	43,600		65
70	75.5	249.6	69,300	62,600	56,500	43,400		70
75	74.3	248.2	62,300	56,600	51,500	43,200		75
80	73.1	246.7	56,300	51,400	46,900	43,000		80
85	71.9	245.1	51,100	46,800	42,900	39,400		85
90	70.6	243.3	46,600	42,800	39,300	36,200		90
95	69.4	241.4	42,600	39,200	36,100	33,300		95
100	68.2	239.4	39,000	36,000	33,200	30,700		100
105	66.9	237.3	35,900	33,100	30,600	28,300		105
110	65.7	235.1	33,000	30,500	28,200	26,100		110
115	64.4	232.7	30,400	28,200	26,100	24,100		115
120	63.1	230.2	28,000	26,000	24,100	22,300		120
125	61.8	227.5	25,900	24,000	22,300	20,600		125
130	60.5	224.7	23,900	22,200	20,600	19,100		130
135	59.2	221.7	22,100	20,500	19,000	17,600		135
140	57.8	218.6	20,400	19,000	17,600	16,300		140
145	56.5	215.3	18,800	17,500	16,200	15,000		145
150	55.1	211.9	17,400	16,200	15,000	13,900		150
155	53.7	208.2	16,100	14,900	13,800	12,800		155
160	52.2	204.4	14,800	13,700	12,700	11,700		160
165	50.7	200.3	13,600	12,600	11,700	10,800		165
170	49.2	196.0	12,500	11,600	10,700	9,800		170
175	47.7	191.5	11,500	10,600	9,800	9,000		175
180	46.1	186.7	10,500	9,700	8,900	8,200		180
185	44.5	181.7	9,600	8,800	8,100	7,400		185
190	42.8	176.4	8,700	8,000	7,300	6,600		190
195	41.1	170.7	7,800	7,200	6,600	5,900		195
200	39.3	164.6	7,100	6,400	5,900	5,300		200
205	37.4	158.2	6,300	5,700	5,200	4,600		205
210	35.4	151.3	5,600	5,100	4,500	4,000		210
215	33.4	143.9	4,900	4,400				215
220	31.2	135.8	4,300					220

# MLC250 S-2



184,600 lb  
+  
44,000 lb

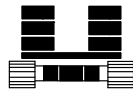


ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
40	82.8	265.8	105,200				40
42	82.3	265.6	104,200				42
44	81.9	265.3	103,200	69,800			44
46	81.4	264.9	102,200	69,500			46
48	81.0	264.6	101,200	69,300	52,000		48
50	80.5	264.3	100,200	69,200	51,900		50
55	79.4	263.3	97,900	68,800	51,600	39,100	55
60	78.3	262.3	87,000	68,400	51,300	38,900	60
65	77.2	261.2	77,100	67,900	50,900	38,700	65
70	76.0	259.9	68,900	62,000	50,600	38,400	70
75	74.9	258.6	61,900	56,000	50,300	38,300	75
80	73.7	257.1	55,900	50,800	46,200	38,100	80
85	72.6	255.6	50,700	46,200	42,200	37,900	85
90	71.4	253.9	46,200	42,200	38,700	35,400	90
95	70.2	252.1	42,200	38,700	35,500	32,600	95
100	69.1	250.2	38,600	35,500	32,600	30,000	100
105	67.9	248.2	35,500	32,600	30,000	27,600	105
110	66.7	246.1	32,600	30,000	27,700	25,500	110
115	65.5	243.8	30,000	27,700	25,500	23,500	115
120	64.3	241.4	27,600	25,500	23,500	21,700	120
125	63.0	238.8	25,500	23,500	21,700	20,000	125
130	61.8	236.2	23,500	21,700	20,100	18,500	130
135	60.5	233.4	21,700	20,000	18,500	17,000	135
140	59.2	230.4	20,000	18,500	17,100	15,700	140
145	57.9	227.3	18,400	17,000	15,700	14,500	145
150	56.6	224.0	17,000	15,700	14,500	13,300	150
155	55.3	220.6	15,600	14,400	13,300	12,200	155
160	53.9	216.9	14,400	13,300	12,200	11,200	160
165	52.5	213.1	13,200	12,200	11,200	10,200	165
170	51.1	209.1	12,100	11,100	10,200	9,300	170
175	49.7	204.9	11,100	10,100	9,300	8,400	175
180	48.2	200.5	10,100	9,200	8,400	7,600	180
185	46.7	195.8	9,100	8,400	7,600	6,900	185
190	45.1	190.9	8,300	7,500	6,800	6,100	190
195	43.6	185.7	7,400	6,700	6,100	5,400	195
200	41.9	180.2	6,700	6,000	5,400	4,800	200
205	40.2	174.3	5,900	5,300	4,700	4,100	205
210	38.5	168.1	5,200	4,600	4,100		210
215	36.6	161.5	4,500	4,000			215

# MLC250 S-2



B10



184,600 lb  
+  
44,000 lb

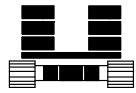
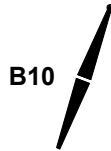


360°

 270.0 ft						
ft	°	ft	0° lb	1° lb	2° lb	ft
40	83.0	275.9	96,300			40
42	82.6	275.6	95,300			42
44	82.2	275.4	94,300			44
46	81.7	275.1	93,400	62,500		46
48	81.3	274.8	92,500	62,300		48
50	80.9	274.4	91,500	62,200	46,500	50
55	79.8	273.5	89,300	61,700	46,200	55
60	78.7	272.5	86,600	61,300	45,900	60
65	77.6	271.4	76,700	61,000	45,700	65
70	76.6	270.3	68,400	60,600	45,400	70
75	75.5	269.0	61,400	55,300	45,100	75
80	74.4	267.6	55,400	50,100	44,800	80
85	73.2	266.1	50,200	45,600	41,400	85
90	72.1	264.5	45,700	41,600	37,900	90
95	71.0	262.8	41,700	38,000	34,700	95
100	69.9	260.9	38,100	34,800	31,900	100
105	68.7	259.0	34,900	32,000	29,300	105
110	67.6	256.9	32,000	29,400	26,900	110
115	66.4	254.8	29,400	27,000	24,800	115
120	65.3	252.5	27,100	24,900	22,800	120
125	64.1	250.1	24,900	22,900	21,000	125
130	62.9	247.5	22,900	21,100	19,400	130
135	61.7	244.8	21,100	19,400	17,800	135
140	60.5	242.0	19,400	17,900	16,400	140
145	59.3	239.1	17,900	16,400	15,000	145
150	58.0	236.0	16,400	15,100	13,800	150
155	56.7	232.7	15,100	13,800	12,600	155
160	55.4	229.3	13,800	12,600	11,500	160
165	54.1	225.7	12,600	11,500	10,500	165
170	52.8	221.9	11,500	10,500	9,500	170
175	51.5	218.0	10,500	9,500	8,600	175
180	50.1	213.8	9,500	8,600	7,800	180
185	48.7	209.4	8,600	7,700	6,900	185
190	47.2	204.9	7,700	6,900	6,200	190
195	45.8	200.0	6,900	6,100	5,400	195
200	44.2	194.9	6,100	5,400	4,700	200
205	42.7	189.6	5,300	4,700	4,100	205
210	41.1	183.9	4,600	4,000		210




# MLC250 S-2



184,600 lb  
+  
44,000 lb



 280.0 ft			
ft	°	ft	lb
42	82.9	285.7	86,500
44	82.5	285.5	85,600
46	82.0	285.2	84,700
48	81.6	284.9	83,900
50	81.2	284.6	83,000
55	80.2	283.7	80,900
60	79.1	282.7	79,000
65	78.1	281.7	76,300
70	77.0	280.5	68,000
75	76.0	279.3	61,000
80	74.9	278.0	55,000
85	73.9	276.5	49,800
90	72.8	275.0	45,300
95	71.7	273.3	41,300
100	70.6	271.6	37,700
105	69.5	269.7	34,500
110	68.4	267.8	31,600
115	67.3	265.7	29,000
120	66.2	263.5	26,700
125	65.1	261.2	24,500
130	64.0	258.7	22,500
135	62.8	256.2	20,700
140	61.6	253.5	19,000
145	60.5	250.7	17,400
150	59.3	247.7	16,000
155	58.1	244.6	14,600
160	56.9	241.4	13,400
165	55.6	238.0	12,200
170	54.4	234.4	11,100
175	53.1	230.7	10,000
180	51.8	226.8	9,100
185	50.5	222.7	8,100
190	49.1	218.4	7,300
195	47.7	213.9	6,400
200	46.3	209.1	5,600
205	44.9	204.2	4,900
210	43.4	198.9	4,200