


# Liftcrane Boom Capacities

**Boom No. B10:82A**  
**219,600 lb Crane Counterweight**  
**80,000 lb Carbody Counterweight**  
**Crawler Machine on a Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

## MLC250 SERIES 3


 **LIFTING CAPACITIES:** Lifting capacities are for a crawler machine when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting capacities for various boom lengths and operating radii are for freely suspended loads and may be based on percent of static tipping or strength of structural components. Capacities must be reduced by applicable deducts.


Upper boom point capacity for liftcrane service with single part whip line from Drum 1 or Drum 2 is 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. 9925-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 - 200.0	8	10,000	10,000	10,000	10,000
210.0	8	8,300	7,700	7,700	7,700
220.0	8	6,000	5,400	5,400	5,400
230.0	8	5,100	4,000	4,000	4,000
240.0	8	4,300	4,000	4,000	4,000
250.0	2	4,200	#	#	#
260.0	2	#	#	#	#
270.0	2	#	#	#	#
280.0	2	#	#	#	#
290.0 (a)	2	#	#	#	#
<b>Raising Not Permitted</b>					

**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 - 200.0	8	10,000	10,000	10,000	10,000
210.0	8	8,300	7,700	7,700	7,700
220.0	8	6,000	5,400	5,400	5,400
230.0	8	5,100	4,000	4,000	4,000
240.0	8	4,300	4,000	4,000	4,000
250.0	2	4,200	#	#	#
260.0	2	4,100	#	#	#
270.0	2	3,000	#	#	#
280.0	2	#	#	#	#
290.0 (a)	2	#	#	#	#
<b>Raising Not Permitted</b>					
<b>Warning:</b> 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


**B10**  Boom No. B10:82A


 Crane Counterweight  
+  
Carbody Counterweight

 360°  
360 Degree Rating


 Boom Length

 Operating Radius  
(see page 1)

 Boom Angle  
(see page 1)

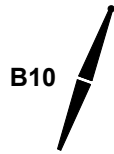
 Boom Point Elevation  
(see page 1)

 Machine List

 Lifting Capacities  
(see page 1)

REFERENCE ONLY!

# MLC250 S-3

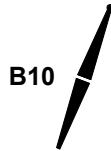


**219,600 lb**  
 +  
**80,000 lb**



 <b>70.0 ft</b>								
ft	°	ft	lb	lb	lb	lb	lb	ft
16	82.8	77.4	500,000 <b>b</b>					16
17	82.0	77.2	462,500 <b>b</b>	431,700 <b>b</b>				17
18	81.1	77.0	438,600 <b>b</b>	410,800 <b>b</b>				18
19	80.3	76.8	417,100 <b>b</b>	391,800 <b>b</b>	369,300 <b>b</b>			19
20	79.5	76.6	397,500 <b>b</b>	374,400 <b>b</b>	353,800 <b>b</b>	308,300 <b>b</b>		20
22	77.8	76.1	363,200 <b>b</b>	343,800 <b>b</b>	322,400 <b>b</b>	279,100 <b>b</b>		22
24	76.1	75.6	334,200 <b>b</b>	317,600 <b>b</b>	294,600 <b>b</b>	254,700 <b>b</b>		24
26	74.4	75.0	309,300	295,000	271,000	234,100		26
28	72.7	74.3	287,700	275,300	250,800	216,400		28
30	70.9	73.6	268,800	258,000	233,300	201,100		30
32	69.2	72.8	252,200	242,600	218,000	187,600		32
34	67.4	71.9	237,400	228,900	204,400	175,800		34
36	65.6	71.0	224,100	212,600	192,400	165,300		36
38	63.7	70.0	207,800	197,200	181,600	155,800		38
40	61.9	68.9	193,000	183,800	171,900	147,300		40
42	60.0	67.7	180,000	171,900	163,200	139,700		42
44	58.0	66.4	168,600	161,400	154,700	132,700		44
46	56.0	65.0	158,400	152,000	146,100	126,300		46
48	54.0	63.5	149,300	143,600	138,300	120,400		48
50	51.9	61.9	141,000	136,000	131,200	115,000		50
55	46.3	57.2	123,700	119,800	116,100	103,200		55
60	40.1	51.5	109,700	106,800	103,900	93,400		60
65	32.9	44.3	98,300	96,000	93,800	85,000		65
70	23.7	34.3	84,700	83,900	83,200	77,700		70

# MLC250 S-3



**219,600 lb**  
 +  
**80,000 lb**



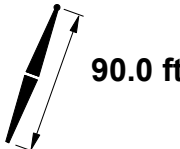
 <b>80.0 ft</b>								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
17	83.0	87.3	448,300 b					17
18	82.3	87.2	437,800 b					18
19	81.5	87.0	416,300 b	387,500 b				19
20	80.8	86.8	396,700 b	370,700 b	345,000 b			20
22	79.4	86.4	362,400 b	340,500 b	321,000 b	278,500b		22
24	77.9	85.9	333,400 b	314,700 b	294,100 b	254,100b		24
26	76.4	85.4	308,500	292,400	270,500	233,500		26
28	74.9	84.8	287,000	272,900	250,300	215,800		28
30	73.4	84.2	268,100	255,800	232,800	200,500		30
32	71.9	83.5	251,500	240,600	217,500	187,100		32
34	70.4	82.8	236,700	227,000	203,900	175,200		34
36	68.8	82.0	223,500	211,000	191,900	164,700		36
38	67.3	81.1	207,800	195,800	181,100	155,300		38
40	65.7	80.2	193,000	182,400	171,500	146,800		40
42	64.1	79.2	180,000	170,700	162,200	139,100		42
44	62.5	78.1	168,500	160,300	152,700	132,100		44
46	60.8	76.9	158,300	151,000	144,200	125,800		46
48	59.1	75.7	149,200	142,600	136,500	119,900		48
50	57.4	74.4	140,900	135,100	129,600	114,500		50
55	53.0	70.7	123,600	119,000	114,700	102,800		55
60	48.2	66.3	109,600	106,000	102,600	92,900		60
65	43.1	61.1	98,200	95,400	92,600	84,600		65
70	37.3	54.9	88,700	86,400	84,200	77,400		70
75	30.6	47.0	80,600	78,800	77,000	71,200		75
80	22.0	36.1	70,300	69,700	69,200	65,700		80

# MLC250 S-3

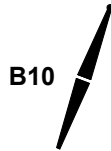



**219,600 lb**  
 +  
**80,000 lb**



							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
19	82.5	97.1	402,500 b				19
20	81.8	97.0	396,000 b	344,800 b			20
22	80.6	96.6	361,800 b	337,400 b	300,500 b		22
24	79.3	96.2	332,800 b	311,900 b	293,500 b	253,600 b	24
26	77.9	95.7	307,900	289,900	270,100	233,000	26
28	76.6	95.2	286,400	270,700	249,900	215,300	28
30	75.3	94.7	267,500	253,700	232,300	200,000	30
32	74.0	94.1	250,900	238,700	217,000	186,600	32
34	72.6	93.4	236,100	225,300	203,500	174,700	34
36	71.3	92.7	222,900	209,400	191,500	164,200	36
38	69.9	91.9	207,800	194,300	180,700	154,800	38
40	68.6	91.1	192,900	181,200	170,500	146,300	40
42	67.2	90.3	179,900	169,500	160,100	138,700	42
44	65.8	89.3	168,400	159,200	150,800	131,700	44
46	64.3	88.3	158,200	150,000	142,500	125,300	46
48	62.9	87.3	149,000	141,700	134,900	119,500	48
50	61.4	86.2	140,800	134,200	128,000	114,100	50
55	57.7	83.1	123,400	118,200	113,400	102,300	55
60	53.8	79.5	109,500	105,300	101,400	92,500	60
65	49.6	75.3	98,100	94,700	91,500	84,200	65
70	45.2	70.5	88,600	85,800	83,200	77,100	70
75	40.4	64.8	80,500	78,200	76,000	70,900	75
80	35.0	58.0	73,500	71,700	69,900	65,400	80
85	28.7	49.5	67,500	66,000	64,500	60,600	85
90	20.7	37.9	59,200	58,700	58,200	56,200	90

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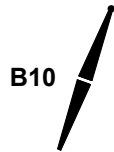


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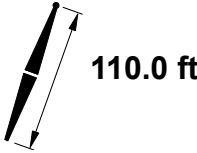
 <b>100.0 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
20	82.7	107.1	385,600 <b>b</b>				20
22	81.5	106.8	361,700 <b>b</b>	328,200 <b>b</b>			22
24	80.3	106.4	332,700 <b>b</b>	309,800 <b>b</b>	285,300 <b>b</b>		24
26	79.2	106.0	307,900	288,000	270,000	233,000	26
28	78.0	105.5	286,300	269,000	249,800	215,300	28
30	76.8	105.0	267,500	252,200	232,300	200,000	30
32	75.6	104.5	250,800	237,300	217,000	186,600	32
34	74.4	103.9	236,100	224,000	203,500	174,700	34
36	73.2	103.3	222,800	208,100	191,500	164,200	36
38	72.0	102.6	208,000	193,200	180,200	154,800	38
40	70.8	101.9	193,100	180,200	168,700	146,300	40
42	69.6	101.1	180,100	168,700	158,400	138,600	42
44	68.3	100.3	168,600	158,500	149,300	131,700	44
46	67.1	99.4	158,400	149,300	141,100	125,300	46
48	65.8	98.5	149,200	141,100	133,700	119,500	48
50	64.6	97.5	141,000	133,700	126,900	114,100	50
55	61.3	94.8	123,600	117,800	112,400	102,400	55
60	57.9	91.7	109,700	105,000	100,600	92,600	60
65	54.4	88.2	98,300	94,500	90,900	84,300	65
70	50.8	84.2	88,800	85,600	82,600	77,200	70
75	46.9	79.6	80,700	78,100	75,600	71,000	75
80	42.7	74.4	73,800	71,600	69,400	65,600	80
85	38.2	68.2	67,700	65,900	64,100	60,800	85
90	33.1	60.9	62,400	60,900	59,400	56,500	90
95	27.2	51.8	57,700	56,500	55,300	52,600	95
100	19.5	39.5	50,800	50,400	50,000	49,100	100

# MLC250 S-3




**219,600 lb**  
 +  
**80,000 lb**



								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
22	82.3	116.9	351,100				22	
24	81.2	116.6	332,000	289,800			24	
26	80.2	116.2	307,100	285,200	246,400		26	
28	79.1	115.8	285,600	266,700	241,200	213,100	28	
30	78.0	115.3	266,800	250,100	231,800	199,400	30	
32	77.0	114.8	250,200	235,400	216,500	186,000	32	
34	75.9	114.3	235,400	222,200	203,000	174,100	34	
36	74.8	113.8	222,200	206,500	190,400	163,600	36	
38	73.7	113.1	207,800	191,700	177,700	154,200	38	
40	72.6	112.5	192,900	178,800	166,400	145,700	40	
42	71.5	111.8	179,800	167,400	156,400	138,100	42	
44	70.4	111.1	168,300	157,300	147,400	131,100	44	
46	69.3	110.3	158,100	148,200	139,300	124,700	46	
48	68.2	109.5	148,900	140,100	132,000	118,900	48	
50	67.0	108.6	140,700	132,700	125,300	113,500	50	
55	64.1	106.2	123,300	116,900	111,100	101,800	55	
60	61.2	103.5	109,300	104,200	99,400	92,000	60	
65	58.1	100.4	97,900	93,700	89,700	83,700	65	
70	55.0	97.0	88,400	84,900	81,600	76,600	70	
75	51.7	93.1	80,300	77,400	74,600	70,500	75	
80	48.2	88.7	73,400	70,900	68,500	65,100	80	
85	44.5	83.7	67,400	65,300	63,200	60,300	85	
90	40.6	78.0	62,100	60,300	58,600	56,000	90	
95	36.3	71.5	57,500	55,900	54,400	52,200	95	
100	31.5	63.7	53,300	52,000	50,700	48,700	100	
105	25.8	54.1	49,500	48,400	47,400	45,600	105	
110	18.6	41.1	43,300	42,900	42,500	42,200	110	



# MLC250 S-3

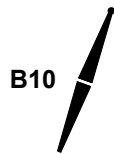


**219,600 lb**  
 +  
**80,000 lb**



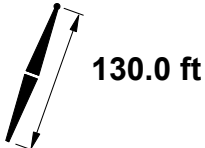
 <b>120.0 ft</b>							
ft	°	ft	 <b>0°</b> <b>lb</b>	 <b>1°</b> <b>lb</b>	 <b>2°</b> <b>lb</b>	 <b>3°</b> <b>lb</b>	ft
22	82.9	127.0	324,500				22
24	82.0	126.7	324,500	280,400			24
26	81.0	126.4	306,900	276,400	237,700		26
28	80.0	126.0	285,400	265,000	232,900		28
30	79.1	125.6	266,600	248,500	228,300	199,200	30
32	78.1	125.1	250,000	234,000	216,300	185,800	32
34	77.1	124.7	235,200	220,900	202,200	174,000	34
36	76.1	124.1	222,000	205,100	188,000	163,500	36
38	75.1	123.6	207,800	190,500	175,500	154,000	38
40	74.1	123.0	192,900	177,700	164,400	145,600	40
42	73.1	122.4	179,800	166,400	154,600	137,900	42
44	72.1	121.7	168,300	156,400	145,800	130,900	44
46	71.1	121.0	158,100	147,400	137,800	124,600	46
48	70.1	120.2	148,900	139,300	130,600	118,700	48
50	69.1	119.5	140,700	132,000	124,100	113,400	50
55	66.5	117.3	123,300	116,300	110,000	101,700	55
60	63.8	114.9	109,300	103,700	98,500	91,900	60
65	61.1	112.1	97,900	93,300	89,000	83,600	65
70	58.3	109.1	88,400	84,500	80,900	76,500	70
75	55.4	105.7	80,300	77,000	73,900	70,300	75
80	52.4	101.9	73,400	70,600	68,000	64,900	80
85	49.3	97.7	67,400	65,000	62,700	60,200	85
90	46.0	92.9	62,100	60,100	58,100	55,900	90
95	42.5	87.6	57,500	55,700	54,000	52,100	95
100	38.8	81.5	53,300	51,800	50,300	48,700	100
105	34.7	74.6	49,600	48,300	47,000	45,600	105
110	30.1	66.3	46,200	45,100	44,000	42,700	110
115	24.7	56.2	43,000	42,200	41,300	40,100	115
120	17.7	42.5	37,400	37,100	36,800	36,500	120

# MLC250 S-3




**219,600 lb**  
 +  
**80,000 lb**



								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
24	82.6	136.8	295,000					24
26	81.7	136.5	295,000	246,800				26
28	80.8	136.2	284,900	241,600	206,100			28
30	79.9	135.8	266,100	236,500	202,300	177,000		30
32	79.0	135.4	249,500	231,500	198,500	174,000		32
34	78.1	134.9	234,700	219,300	194,900	171,100		34
36	77.2	134.5	221,500	203,600	185,500	163,100		36
38	76.3	133.9	207,700	189,100	173,200	153,600		38
40	75.4	133.4	192,800	176,500	162,400	145,200		40
42	74.5	132.8	179,700	165,300	152,700	137,500		42
44	73.5	132.2	168,200	155,400	144,100	130,600		44
46	72.6	131.6	157,900	146,400	136,200	124,200		46
48	71.7	130.9	148,800	138,400	129,200	118,400		48
50	70.7	130.2	140,500	131,100	122,700	113,000		50
55	68.4	128.2	123,100	115,600	108,800	101,300		55
60	66.0	126.0	109,100	103,000	97,500	91,500		60
65	63.5	123.5	97,700	92,700	88,000	83,200		65
70	61.0	120.8	88,100	83,900	80,000	76,100		70
75	58.4	117.8	80,100	76,500	73,200	70,000		75
80	55.8	114.4	73,200	70,100	67,200	64,500		80
85	53.0	110.7	67,200	64,500	62,000	59,600		85
90	50.2	106.6	61,900	59,600	57,400	55,300		90
95	47.2	102.0	57,200	55,300	53,300	51,500		95
100	44.1	97.0	53,100	51,400	49,700	48,100		100
105	40.7	91.3	49,400	47,900	46,400	45,000		105
110	37.1	84.9	46,000	44,700	43,400	42,200		110
115	33.2	77.5	43,000	41,800	40,700	39,600		115
120	28.8	68.9	40,200	39,200	38,300	37,300		120
125	23.6	58.2	37,000	36,500	36,000	35,200		125
130	17.0	44.0	32,200	31,900	31,600	31,300		130

# MLC250 S-3



**219,600 lb**  
 +  
**80,000 lb**

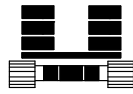


 <b>140.0 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
26	82.3	146.6	293,400				26
28	81.5	146.3	284,700	234,400			28
30	80.6	146.0	265,800	229,300	195,600		30
32	79.8	145.6	249,200	224,500	192,200	167,700	32
34	79.0	145.2	234,500	217,900	188,800	165,100	34
36	78.1	144.7	221,200	202,100	183,000	162,500	36
38	77.3	144.3	207,600	187,800	171,000	153,400	38
40	76.5	143.8	192,700	175,300	160,400	144,900	40
42	75.6	143.2	179,600	164,200	150,900	137,300	42
44	74.8	142.7	168,100	154,400	142,400	130,300	44
46	73.9	142.1	157,800	145,500	134,700	124,000	46
48	73.0	141.4	148,600	137,600	127,800	118,100	48
50	72.2	140.8	140,400	130,300	121,400	112,800	50
55	70.0	139.0	122,900	114,900	107,700	101,000	55
60	67.8	137.0	109,000	102,500	96,500	91,100	60
65	65.6	134.7	97,500	92,100	87,200	82,600	65
70	63.3	132.2	88,000	83,500	79,300	75,300	70
75	60.9	129.5	79,900	76,100	72,500	69,100	75
80	58.5	126.4	73,000	69,700	66,600	63,700	80
85	56.1	123.1	67,000	64,100	61,400	58,900	85
90	53.5	119.5	61,700	59,200	56,900	54,600	90
95	50.9	115.4	57,100	54,900	52,800	50,800	95
100	48.2	111.0	53,000	51,000	49,200	47,400	100
105	45.3	106.2	49,200	47,600	45,900	44,400	105
110	42.3	100.8	45,900	44,400	43,000	41,600	110
115	39.1	94.8	42,900	41,600	40,300	39,000	115
120	35.7	88.1	40,100	39,000	37,800	36,700	120
125	31.9	80.3	37,600	36,600	35,600	34,600	125
130	27.7	71.3	35,200	34,400	33,500	32,700	130
135	22.7	60.2	32,000	31,600	31,200	30,800	135
140	16.3	45.3	27,800	27,500	27,300	27,000	140

# MLC250 S-3



B10



219,600 lb  
+  
80,000 lb



360°

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	253,200	204,800				30
32	80.5	155.8	247,600	200,900	170,100			32
34	79.7	155.4	233,700	197,200	167,200	145,300		34
36	78.9	155.0	220,500	193,600	164,500	143,100		36
38	78.2	154.5	207,400	186,300	161,800	141,000		38
40	77.4	154.1	192,400	173,900	158,300	138,900		40
42	76.6	153.6	179,300	163,000	149,000	136,600		42
44	75.8	153.0	167,700	153,200	140,600	129,600		44
46	75.0	152.5	157,500	144,400	133,000	123,000		46
48	74.2	151.9	148,300	136,500	126,100	117,000		48
50	73.4	151.3	140,000	129,300	119,900	111,500		50
55	71.4	149.6	122,500	114,000	106,400	99,500		55
60	69.4	147.8	108,500	101,600	95,300	89,600		60
65	67.3	145.7	97,100	91,300	86,100	81,200		65
70	65.2	143.4	87,500	82,700	78,200	74,100		70
75	63.0	140.9	79,500	75,300	71,500	67,900		75
80	60.9	138.1	72,500	69,000	65,600	62,500		80
85	58.6	135.1	66,500	63,400	60,500	57,800		85
90	56.4	131.8	61,300	58,600	56,000	53,600		90
95	54.0	128.2	56,600	54,200	52,000	49,800		95
100	51.6	124.3	52,500	50,400	48,400	46,500		100
105	49.1	120.0	48,800	46,900	45,100	43,400		105
110	46.4	115.3	45,400	43,800	42,200	40,700		110
115	43.7	110.2	42,400	40,900	39,500	38,100		115
120	40.8	104.5	39,600	38,300	37,100	35,800		120
125	37.7	98.2	37,100	35,900	34,800	33,700		125
130	34.4	91.1	34,800	33,800	32,800	31,800		130
135	30.8	83.1	32,600	31,700	30,800	30,000		135
140	26.7	73.6	30,600	29,900	29,100	28,300		140
145	21.9	62.1	27,100	26,800	26,400	26,100		145
150	15.7	46.7	23,400	23,200	23,000	22,800		150

# MLC250 S-3



219,600 lb  
+  
80,000 lb

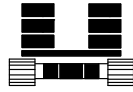


160.0 ft								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
28	82.5	166.5	236,000					28
30	81.8	166.2	236,000	196,700				30
32	81.1	165.9	236,000	192,900				32
34	80.4	165.6	232,200	189,200	160,700			34
36	79.6	165.2	220,200	185,600	158,000	132,800		36
38	78.9	164.8	207,200	182,200	155,300	132,800		38
40	78.2	164.3	192,200	172,700	152,700	132,700		40
42	77.4	163.9	179,100	161,800	147,200	131,400		42
44	76.7	163.4	167,600	152,100	138,900	127,500		44
46	76.0	162.9	157,300	143,400	131,500	121,100		46
48	75.2	162.3	148,100	135,600	124,700	115,200		48
50	74.5	161.7	139,800	128,500	118,600	109,800		50
55	72.6	160.2	122,300	113,300	105,200	98,000		55
60	70.7	158.5	108,300	100,900	94,300	88,300		60
65	68.8	156.5	96,800	90,700	85,200	80,100		65
70	66.8	154.4	87,300	82,100	77,400	73,000		70
75	64.9	152.1	79,200	74,800	70,700	67,000		75
80	62.9	149.5	72,300	68,500	65,000	61,700		80
85	60.8	146.8	66,300	63,000	59,900	57,000		85
90	58.7	143.8	61,000	58,100	55,400	52,800		90
95	56.6	140.5	56,400	53,800	51,400	49,100		95
100	54.4	137.0	52,200	50,000	47,800	45,800		100
105	52.1	133.1	48,500	46,500	44,600	42,800		105
110	49.8	128.9	45,200	43,400	41,700	40,000		110
115	47.4	124.4	42,200	40,600	39,000	37,500		115
120	44.9	119.5	39,400	38,000	36,600	35,300		120
125	42.2	114.0	36,900	35,600	34,400	33,200		125
130	39.4	108.1	34,600	33,400	32,300	31,200		130
135	36.5	101.5	32,400	31,400	30,400	29,400		135
140	33.3	94.1	30,500	29,500	28,600	27,800		140
145	29.8	85.7	28,600	27,800	27,000	26,200		145
150	25.8	75.9	26,300	25,900	25,500	24,800		150
155	21.2	63.9	23,300	22,900	22,600	22,300		155
160	15.2	47.9	20,000	19,700	19,500	19,400		160

# MLC250 S-3



B10



219,600 lb  
+  
80,000 lb



360°

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	218,400	175,200	145,200			34
36	80.3	175.4	214,200	172,300	144,900			36
38	79.6	175.0	207,000	169,500	142,800	116,100		38
40	78.9	174.6	192,000	166,700	140,600	116,000		40
42	78.2	174.1	178,900	160,700	138,500	116,000		42
44	77.5	173.7	167,300	151,100	136,500	115,900		44
46	76.8	173.2	157,000	142,400	129,900	115,800		46
48	76.1	172.7	147,800	134,600	123,300	113,300		48
50	75.4	172.1	139,500	127,600	117,200	108,100		50
55	73.7	170.7	122,000	112,500	104,000	96,500		55
60	71.9	169.1	108,000	100,200	93,200	87,000		60
65	70.1	167.3	96,500	90,100	84,200	78,900		65
70	68.3	165.3	87,000	81,500	76,500	71,900		70
75	66.4	163.1	78,900	74,200	69,900	65,900		75
80	64.6	160.8	71,900	67,900	64,200	60,700		80
85	62.7	158.2	65,900	62,400	59,100	56,100		85
90	60.8	155.4	60,700	57,600	54,700	52,000		90
95	58.8	152.4	56,000	53,300	50,700	48,300		95
100	56.8	149.2	51,900	49,500	47,200	45,000		100
105	54.7	145.7	48,200	46,000	44,000	42,000		105
110	52.6	141.9	44,800	42,900	41,100	39,300		110
115	50.4	137.8	41,800	40,100	38,400	36,800		115
120	48.2	133.4	39,000	37,500	36,000	34,600		120
125	45.9	128.6	36,500	35,100	33,800	32,500		125
130	43.4	123.4	34,200	33,000	31,700	30,500		130
135	40.9	117.8	32,100	30,900	29,800	28,800		135
140	38.2	111.5	30,100	29,100	28,100	27,100		140
145	35.3	104.6	28,300	27,400	26,500	25,600		145
150	32.2	97.0	26,600	25,800	24,900	24,100		150
155	28.8	88.2	25,000	24,200	23,500	22,800		155
160	25.0	78.0	22,300	22,000	21,600	21,200		160
165	20.5	65.7	19,600	19,300	19,100	18,800		165

# MLC250 S-3



219,600 lb  
+  
80,000 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	206,500	167,300				34
36	80.8	185.5	203,900	164,400	128,000			36
38	80.2	185.2	200,000	161,600	127,900			38
40	79.5	184.8	191,800	158,900	127,700	102,000		40
42	78.9	184.4	178,700	156,200	127,600	101,900		42
44	78.2	183.9	167,100	150,000	127,500	101,900		44
46	77.6	183.5	156,800	141,400	127,400	101,700		46
48	76.9	183.0	147,600	133,700	121,900	101,700		48
50	76.2	182.5	139,300	126,700	115,900	101,600		50
55	74.6	181.1	121,700	111,700	102,900	95,100		55
60	72.9	179.6	107,700	99,500	92,200	85,700		60
65	71.3	177.9	96,300	89,400	83,300	77,700		65
70	69.6	176.1	86,700	80,900	75,700	70,900		70
75	67.8	174.0	78,600	73,700	69,200	65,000		75
80	66.1	171.8	71,700	67,400	63,500	59,800		80
85	64.3	169.4	65,600	61,900	58,500	55,300		85
90	62.5	166.9	60,400	57,100	54,100	51,200		90
95	60.7	164.1	55,700	52,800	50,100	47,600		95
100	58.9	161.1	51,600	49,000	46,600	44,300		100
105	57.0	157.9	47,900	45,600	43,400	41,400		105
110	55.0	154.4	44,500	42,500	40,500	38,700		110
115	53.1	150.7	41,500	39,700	37,900	36,200		115
120	51.0	146.7	38,800	37,100	35,500	34,000		120
125	48.9	142.4	36,200	34,700	33,300	31,900		125
130	46.7	137.7	33,900	32,600	31,200	30,000		130
135	44.5	132.7	31,800	30,600	29,400	28,200		135
140	42.1	127.3	29,800	28,700	27,600	26,600		140
145	39.7	121.3	28,000	27,000	26,000	25,000		145
150	37.1	114.9	26,300	25,400	24,500	23,600		150
155	34.3	107.7	24,700	23,900	23,100	22,300		155
160	31.3	99.7	23,200	22,500	21,700	21,000		160
165	28.0	90.7	21,300	20,900	20,500	19,900		165
170	24.3	80.2	18,900	18,600	18,300	17,900		170
175	19.9	67.4	16,500	16,200	16,000	15,700		175

# MLC250 S-3



**219,600 lb**  
 +  
**80,000 lb**



 <b>190.0 ft</b>								
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	190,100	149,300				36
38	80.7	195.3	186,900	148,900	113,200			38
40	80.1	194.9	183,600	146,600	113,000			40
42	79.5	194.6	178,400	144,400	112,900	89,800		42
44	78.8	194.2	166,800	142,300	112,700	89,700		44
46	78.2	193.7	156,500	140,100	112,600	89,600		46
48	77.6	193.3	147,200	132,700	112,500	89,500		48
50	77.0	192.8	138,900	125,700	112,400	89,400		50
55	75.4	191.5	121,400	110,800	101,600	89,200		55
60	73.9	190.1	107,300	98,700	91,100	84,300		60
65	72.3	188.5	95,800	88,600	82,200	76,400		65
70	70.7	186.7	86,200	80,200	74,700	69,700		70
75	69.1	184.8	78,100	72,900	68,200	63,900		75
80	67.4	182.8	71,200	66,700	62,600	58,800		80
85	65.8	180.5	65,200	61,200	57,600	54,300		85
90	64.1	178.1	59,900	56,400	53,200	50,200		90
95	62.4	175.5	55,200	52,200	49,300	46,600		95
100	60.7	172.7	51,100	48,300	45,800	43,400		100
105	58.9	169.8	47,400	44,900	42,600	40,500		105
110	57.1	166.6	44,000	41,800	39,800	37,800		110
115	55.3	163.1	41,000	39,000	37,100	35,400		115
120	53.4	159.4	38,200	36,500	34,800	33,100		120
125	51.5	155.5	35,700	34,100	32,600	31,100		125
130	49.5	151.3	33,400	31,900	30,500	29,200		130
135	47.5	146.8	31,300	29,900	28,700	27,400		135
140	45.4	141.9	29,300	28,100	26,900	25,800		140
145	43.2	136.7	27,500	26,400	25,300	24,300		145
150	40.9	131.0	25,800	24,800	23,800	22,800		150
155	38.6	124.8	24,200	23,300	22,400	21,500		155
160	36.0	118.1	22,700	21,900	21,100	20,300		160
165	33.3	110.7	21,300	20,600	19,800	19,100		165
170	30.4	102.4	20,000	19,300	18,700	18,000		170
175	27.2	93.1	17,800	17,400	17,100	16,700		175
180	23.6	82.2	15,700	15,400	15,100	14,800		180
185	19.4	69.1	13,500	13,200	13,000	12,800		185



# MLC250 S-3



**219,600 lb**  
 +  
**80,000 lb**

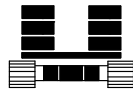


 <b>200.0 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
32	82.9	206.4	177,000				32
34	82.3	206.1	177,000				34
36	81.7	205.8	177,000	133,400			36
38	81.2	205.5	176,800	133,100			38
40	80.6	205.1	173,800	132,900	100,500		40
42	80.0	204.7	170,700	132,600	100,400	79,400	42
44	79.4	204.4	166,500	132,400	100,200	79,300	44
46	78.8	204.0	156,200	132,100	100,100	79,200	46
48	78.2	203.5	146,900	130,800	99,900	79,100	48
50	77.6	203.1	138,600	124,800	99,800	79,000	50
55	76.2	201.8	121,100	110,000	99,400	78,800	55
60	74.7	200.5	107,000	98,000	90,000	78,600	60
65	73.2	199.0	95,500	88,000	81,300	75,300	65
70	71.7	197.3	85,900	79,600	73,800	68,700	70
75	70.2	195.6	77,800	72,400	67,400	62,900	75
80	68.6	193.6	70,800	66,100	61,800	57,900	80
85	67.1	191.5	64,800	60,700	56,900	53,400	85
90	65.5	189.2	59,500	55,900	52,600	49,400	90
95	63.9	186.8	54,900	51,700	48,700	45,900	95
100	62.3	184.2	50,700	47,900	45,200	42,700	100
105	60.7	181.4	47,000	44,400	42,000	39,800	105
110	59.0	178.4	43,700	41,400	39,200	37,100	110
115	57.3	175.2	40,600	38,600	36,600	34,700	115
120	55.6	171.8	37,900	36,000	34,200	32,500	120
125	53.8	168.2	35,400	33,700	32,000	30,500	125
130	52.0	164.3	33,100	31,500	30,000	28,600	130
135	50.1	160.2	30,900	29,500	28,100	26,800	135
140	48.2	155.8	29,000	27,700	26,400	25,200	140
145	46.2	151.0	27,200	26,000	24,800	23,700	145
150	44.2	146.0	25,500	24,400	23,300	22,300	150
155	42.1	140.5	23,900	22,900	21,900	21,000	155
160	39.8	134.6	22,400	21,500	20,600	19,700	160
165	37.5	128.2	21,000	20,200	19,400	18,500	165
170	35.1	121.2	19,700	18,900	18,200	17,500	170
175	32.4	113.6	18,500	17,800	17,100	16,400	175
180	29.6	105.0	16,700	16,300	15,900	15,400	180
185	26.5	95.4	14,800	14,400	14,100	13,800	185
190	23.0	84.2	12,800	12,500	12,300	12,000	190
195	18.9	70.7	10,800	10,600	10,400	10,200	195

# MLC250 S-3



B10



219,600 lb  
+  
80,000 lb



360°

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	165,400	119,100				40
42	80.5	214.9	162,800	118,900	89,500			42
44	79.9	214.5	160,000	118,600	89,400	70,300		44
46	79.4	214.2	155,900	118,300	89,200	70,200		46
48	78.8	213.7	146,600	118,100	89,000	70,100		48
50	78.2	213.3	138,300	117,800	88,900	70,000		50
55	76.8	212.2	120,700	109,200	88,600	69,800		55
60	75.4	210.9	106,700	97,200	88,200	69,600		60
65	74.0	209.4	95,100	87,300	80,300	69,400		65
70	72.6	207.9	85,500	78,900	72,900	67,600		70
75	71.1	206.2	77,400	71,700	66,600	61,900		75
80	69.7	204.4	70,500	65,500	61,000	56,900		80
85	68.2	202.4	64,400	60,100	56,100	52,500		85
90	66.7	200.2	59,100	55,300	51,800	48,600		90
95	65.2	197.9	54,500	51,100	48,000	45,100		95
100	63.7	195.5	50,300	47,300	44,500	41,900		100
105	62.2	192.9	46,600	43,900	41,400	39,000		105
110	60.6	190.1	43,300	40,800	38,500	36,400		110
115	59.0	187.1	40,200	38,000	36,000	34,000		115
120	57.4	183.9	37,500	35,500	33,600	31,800		120
125	55.8	180.5	35,000	33,100	31,400	29,800		125
130	54.1	176.9	32,600	31,000	29,400	27,900		130
135	52.4	173.1	30,500	29,000	27,500	26,200		135
140	50.6	169.1	28,600	27,200	25,800	24,500		140
145	48.8	164.7	26,700	25,500	24,200	23,000		145
150	47.0	160.1	25,000	23,900	22,700	21,600		150
155	45.0	155.2	23,500	22,400	21,300	20,300		155
160	43.1	149.9	22,000	21,000	20,000	19,100		160
165	41.0	144.2	20,600	19,700	18,800	17,900		165
170	38.8	138.1	19,300	18,500	17,600	16,800		170
175	36.6	131.5	18,100	17,300	16,500	15,800		175
180	34.2	124.3	16,900	16,200	15,500	14,800		180
185	31.6	116.4	15,400	14,900	14,500	13,900		185
190	28.9	107.6	13,600	13,200	12,900	12,500		190
195	25.8	97.7	11,900	11,500	11,200	10,900		195
200	22.4	86.2	10,100	9,800	9,600	9,300		200
205	18.4	72.3	8,300	8,000	7,800	7,700		205

# MLC250 S-3



**219,600 lb**  
 +  
**80,000 lb**

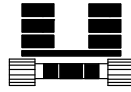


 <b>220.0 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
34	83.0	226.3	155,200				34
36	82.5	226.0	154,700				36
38	82.0	225.7	154,200	107,000			38
40	81.4	225.4	153,700	106,900			40
42	80.9	225.1	153,200	106,600	79,900		42
44	80.4	224.7	151,900	106,400	79,800		44
46	79.9	224.3	149,400	106,200	79,700	62,300	46
48	79.3	224.0	146,300	106,100	79,600	62,200	48
50	78.8	223.5	138,000	105,900	79,500	62,200	50
55	77.5	222.4	120,400	105,300	79,100	61,900	55
60	76.1	221.2	106,300	96,500	78,700	61,700	60
65	74.8	219.9	94,800	86,600	78,400	61,500	65
70	73.4	218.4	85,200	78,200	72,100	61,300	70
75	72.0	216.8	77,100	71,100	65,800	61,000	75
80	70.7	215.0	70,100	64,900	60,300	56,000	80
85	69.3	213.1	64,100	59,500	55,400	51,700	85
90	67.9	211.1	58,800	54,800	51,100	47,800	90
95	66.4	208.9	54,100	50,600	47,300	44,300	95
100	65.0	206.6	50,000	46,800	43,900	41,200	100
105	63.6	204.2	46,200	43,400	40,800	38,300	105
110	62.1	201.5	42,900	40,300	38,000	35,700	110
115	60.6	198.7	39,900	37,500	35,400	33,300	115
120	59.1	195.8	37,100	35,000	33,000	31,200	120
125	57.5	192.6	34,600	32,700	30,900	29,100	125
130	56.0	189.2	32,300	30,500	28,900	27,300	130
135	54.4	185.7	30,200	28,500	27,000	25,600	135
140	52.7	181.9	28,200	26,700	25,300	24,000	140
145	51.1	177.9	26,400	25,000	23,700	22,500	145
150	49.4	173.7	24,700	23,400	22,200	21,100	150
155	47.6	169.1	23,100	21,900	20,800	19,800	155
160	45.8	164.3	21,600	20,600	19,500	18,500	160
165	43.9	159.2	20,200	19,300	18,300	17,400	165
170	42.0	153.7	19,000	18,000	17,200	16,300	170
175	40.0	147.8	17,700	16,900	16,100	15,300	175
180	37.9	141.5	16,600	15,800	15,000	14,300	180
185	35.7	134.7	15,500	14,800	14,100	13,400	185
190	33.4	127.3	14,200	13,700	13,200	12,500	190
195	30.9	119.1	12,500	12,100	11,700	11,300	195
200	28.2	110.1	10,900	10,500	10,200	9,900	200
205	25.2	99.9	9,300	9,000	8,700	8,400	205
210	21.9	88.1	7,700	7,400	7,200	7,000	210
215	17.9	73.8	6,000	5,800	5,600	5,400	215

# MLC250 S-3



B10



219,600 lb  
+  
80,000 lb



360°

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	136,100	95,100	71,300			46
48	79.8	234.1	135,100	94,900	71,100	55,200		48
50	79.3	233.8	134,000	94,700	71,000	55,200		50
55	78.0	232.7	120,000	94,200	70,700	54,900		55
60	76.7	231.5	105,900	93,800	70,400	54,700		60
65	75.4	230.2	94,300	85,800	70,100	54,500		65
70	74.2	228.8	84,700	77,500	69,700	54,300		70
75	72.8	227.3	76,600	70,400	64,800	54,100		75
80	71.5	225.6	69,600	64,200	59,400	53,900		80
85	70.2	223.8	63,500	58,800	54,600	50,700		85
90	68.9	221.9	58,200	54,100	50,300	46,800		90
95	67.5	219.9	53,600	49,900	46,500	43,400		95
100	66.2	217.7	49,400	46,100	43,100	40,300		100
105	64.8	215.3	45,700	42,700	40,000	37,400		105
110	63.4	212.8	42,300	39,700	37,200	34,900		110
115	62.0	210.2	39,300	36,900	34,600	32,500		115
120	60.6	207.4	36,600	34,300	32,300	30,300		120
125	59.1	204.4	34,000	32,000	30,100	28,300		125
130	57.6	201.3	31,700	29,900	28,100	26,500		130
135	56.1	197.9	29,600	27,900	26,300	24,800		135
140	54.6	194.4	27,600	26,100	24,600	23,200		140
145	53.1	190.7	25,800	24,400	23,000	21,700		145
150	51.5	186.7	24,100	22,800	21,500	20,300		150
155	49.9	182.6	22,500	21,300	20,100	19,000		155
160	48.2	178.1	21,100	19,900	18,800	17,800		160
165	46.5	173.4	19,700	18,600	17,600	16,600		165
170	44.7	168.4	18,400	17,400	16,500	15,600		170
175	42.9	163.1	17,200	16,300	15,400	14,500		175
180	41.0	157.5	16,000	15,200	14,400	13,600		180
185	39.1	151.4	14,900	14,200	13,400	12,700		185
190	37.0	144.9	13,900	13,200	12,500	11,800		190
195	34.9	137.8	12,600	12,100	11,600	11,000		195
200	32.6	130.2	11,000	10,600	10,200	9,800		200
205	30.2	121.8	9,500	9,100	8,800	8,400		205
210	27.5	112.5	8,100	7,700	7,400	7,100		210
215	24.6	102.0	6,600	6,300	6,000	5,800		215
220	21.4	89.9	5,100	4,900	4,600	4,400		220

# MLC250 S-3



**219,600 lb**  
 +  
**80,000 lb**

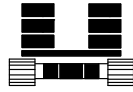


 <b>240.0 ft</b>								
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft	
38	82.6	245.9	127,000				38	
40	82.2	245.6	126,500				40	
42	81.7	245.3	125,700	85,600			42	
44	81.2	245.0	124,500	85,400			44	
46	80.7	244.7	123,400	85,200	63,900		46	
48	80.2	244.3	122,300	85,000	63,800		48	
50	79.7	243.9	121,300	84,900	63,600	49,000	50	
55	78.5	242.9	118,500	84,400	63,300	48,800	55	
60	77.3	241.8	105,500	84,000	63,000	48,500	60	
65	76.1	240.6	94,000	83,600	62,700	48,400	65	
70	74.8	239.2	84,300	76,800	62,300	48,100	70	
75	73.6	237.8	76,200	69,700	62,000	48,000	75	
80	72.3	236.2	69,200	63,600	58,600	47,800	80	
85	71.1	234.5	63,200	58,300	53,800	47,600	85	
90	69.8	232.6	57,900	53,500	49,600	46,000	90	
95	68.5	230.7	53,200	49,300	45,800	42,600	95	
100	67.2	228.6	49,000	45,600	42,400	39,500	100	
105	65.9	226.4	45,300	42,200	39,400	36,700	105	
110	64.6	224.0	42,000	39,200	36,600	34,200	110	
115	63.3	221.5	38,900	36,400	34,000	31,800	115	
120	61.9	218.9	36,200	33,900	31,700	29,700	120	
125	60.5	216.0	33,600	31,500	29,600	27,700	125	
130	59.2	213.1	31,300	29,400	27,600	25,900	130	
135	57.7	209.9	29,200	27,400	25,800	24,200	135	
140	56.3	206.6	27,200	25,600	24,100	22,600	140	
145	54.9	203.1	25,400	23,900	22,500	21,100	145	
150	53.4	199.4	23,700	22,300	21,000	19,700	150	
155	51.9	195.6	22,100	20,900	19,600	18,400	155	
160	50.3	191.4	20,700	19,500	18,300	17,200	160	
165	48.7	187.1	19,300	18,200	17,100	16,100	165	
170	47.1	182.5	18,000	17,000	16,000	15,000	170	
175	45.4	177.6	16,800	15,800	14,900	14,000	175	
180	43.7	172.4	15,600	14,700	13,900	13,000	180	
185	42.0	166.9	14,500	13,700	12,900	12,100	185	
190	40.1	161.1	13,500	12,700	12,000	11,300	190	
195	38.2	154.8	12,500	11,800	11,100	10,400	195	
200	36.2	148.1	11,300	10,800	10,300	9,700	200	
205	34.1	140.9	9,800	9,400	8,900	8,500	205	
210	31.9	133.0	8,400	8,000	7,600	7,300	210	
215	29.5	124.4	7,100	6,700	6,300	6,000	215	
220	26.9	114.9	5,700	5,400	5,100	4,800	220	
225	24.1	104.1	4,300	4,100			225	

# MLC250 S-3



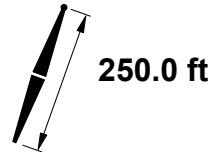
B10



219,600 lb  
+  
80,000 lb



360°



250.0 ft

	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	107,700	76,600	57,400	44,000	55
60	77.8		252.1	105,000	76,100	57,100	43,800	60
65	76.6		250.9	94,300	75,700	56,700	43,600	65
70	75.5		249.6	84,700	75,400	56,500	43,400	70
75	74.3		248.2	76,500	69,800	56,200	43,200	75
80	73.1		246.7	69,500	63,700	55,900	43,000	80
85	71.9		245.1	63,500	58,400	53,800	42,800	85
90	70.6		243.3	58,200	53,700	49,600	42,600	90
95	69.4		241.4	53,500	49,500	45,900	42,500	95
100	68.2		239.4	49,300	45,800	42,500	39,500	100
105	66.9		237.3	45,600	42,400	39,400	36,700	105
110	65.7		235.1	42,200	39,300	36,700	34,200	110
115	64.4		232.7	39,200	36,600	34,100	31,800	115
120	63.1		230.2	36,500	34,100	31,800	29,700	120
125	61.8		227.5	33,900	31,700	29,700	27,800	125
130	60.5		224.7	31,600	29,600	27,700	25,900	130
135	59.2		221.7	29,500	27,600	25,900	24,200	135
140	57.8		218.6	27,500	25,800	24,200	22,700	140
145	56.5		215.3	25,700	24,100	22,600	21,200	145
150	55.1		211.9	24,000	22,500	21,200	19,800	150
155	53.7		208.2	22,400	21,100	19,800	18,600	155
160	52.2		204.4	21,000	19,700	18,500	17,300	160
165	50.7		200.3	19,600	18,400	17,300	16,200	165
170	49.2		196.0	18,300	17,200	16,100	15,100	170
175	47.7		191.5	17,100	16,100	15,100	14,100	175
180	46.1		186.7	15,900	15,000	14,100	13,200	180
185	44.5		181.7	14,800	14,000	13,100	12,300	185
190	42.8		176.4	13,800	13,000	12,200	11,400	190
195	41.1		170.7	12,800	12,100	11,300	10,600	195
200	39.3		164.6	11,900	11,200	10,500	9,800	200
205	37.4		158.2	10,900	10,400	9,700	9,100	205
210	35.4		151.3	9,500	9,100	8,600	8,200	210
215	33.4		143.9	8,200	7,800	7,400	7,000	215
220	31.2		135.8	6,900	6,500	6,200	5,800	220
225	28.9		127.0	5,700	5,300	5,000	4,700	225
230	26.4		117.2	4,400	4,100			230

# MLC250 S-3



**219,600 lb**  
 +  
**80,000 lb**

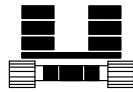


 <b>260.0 ft</b>							
ft	°	ft	0° lb	1° lb	2° lb	3° lb	ft
40	82.8	265.8	105,200				40
42	82.3	265.6	104,200				42
44	81.9	265.3	103,200	69,800			44
46	81.4	264.9	102,200	69,500			46
48	81.0	264.6	101,200	69,300	52,000		48
50	80.5	264.3	100,200	69,200	51,900		50
55	79.4	263.3	97,900	68,800	51,600	39,100	55
60	78.3	262.3	95,600	68,400	51,300	38,900	60
65	77.2	261.2	93,400	67,900	50,900	38,700	65
70	76.0	259.9	84,300	67,500	50,600	38,400	70
75	74.9	258.6	76,100	67,100	50,300	38,300	75
80	73.7	257.1	69,100	63,100	50,000	38,100	80
85	72.6	255.6	63,100	57,800	49,700	37,900	85
90	71.4	253.9	57,800	53,100	48,900	37,700	90
95	70.2	252.1	53,100	48,900	45,200	37,500	95
100	69.1	250.2	48,900	45,200	41,800	37,300	100
105	67.9	248.2	45,200	41,900	38,800	36,000	105
110	66.7	246.1	41,800	38,800	36,000	33,500	110
115	65.5	243.8	38,800	36,100	33,500	31,200	115
120	64.3	241.4	36,000	33,500	31,200	29,100	120
125	63.0	238.8	33,500	31,200	29,100	27,100	125
130	61.8	236.2	31,200	29,100	27,100	25,300	130
135	60.5	233.4	29,100	27,200	25,300	23,600	135
140	59.2	230.4	27,100	25,300	23,700	22,100	140
145	57.9	227.3	25,300	23,600	22,100	20,600	145
150	56.6	224.0	23,600	22,100	20,600	19,300	150
155	55.3	220.6	22,000	20,600	19,300	18,000	155
160	53.9	216.9	20,500	19,200	18,000	16,800	160
165	52.5	213.1	19,200	17,900	16,800	15,700	165
170	51.1	209.1	17,900	16,700	15,600	14,600	170
175	49.7	204.9	16,700	15,600	14,600	13,600	175
180	48.2	200.5	15,500	14,500	13,600	12,600	180
185	46.7	195.8	14,400	13,500	12,600	11,700	185
190	45.1	190.9	13,400	12,500	11,700	10,900	190
195	43.6	185.7	12,400	11,600	10,800	10,100	195
200	41.9	180.2	11,500	10,800	10,000	9,300	200
205	40.2	174.3	10,600	9,900	9,200	8,600	205
210	38.5	168.1	9,600	9,100	8,500	7,900	210
215	36.6	161.5	8,300	7,800	7,300	6,900	215
220	34.7	154.4	7,000	6,600	6,200	5,800	220
225	32.7	146.8	5,800	5,400	5,100	4,700	225
230	30.6	138.5	4,600	4,300	4,000		230

# MLC250 S-3



B10



219,600 lb  
+  
80,000 lb

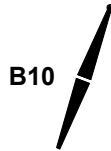


360°

 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	87,200	61,300	45,900	60
65	77.6	271.4	85,100	61,000	45,700	65
70	76.6	270.3	83,200	60,600	45,400	70
75	75.5	269.0	75,600	60,200	45,100	75
80	74.4	267.6	68,600	59,800	44,800	80
85	73.2	266.1	62,600	57,100	44,500	85
90	72.1	264.5	57,300	52,400	44,300	90
95	71.0	262.8	52,600	48,300	44,000	95
100	69.9	260.9	48,400	44,500	41,000	100
105	68.7	259.0	44,700	41,200	38,000	105
110	67.6	256.9	41,300	38,200	35,300	110
115	66.4	254.8	38,300	35,400	32,800	115
120	65.3	252.5	35,500	32,900	30,500	120
125	64.1	250.1	33,000	30,600	28,400	125
130	62.9	247.5	30,700	28,500	26,400	130
135	61.7	244.8	28,500	26,500	24,600	135
140	60.5	242.0	26,500	24,700	22,900	140
145	59.3	239.1	24,700	23,000	21,400	145
150	58.0	236.0	23,000	21,400	19,900	150
155	56.7	232.7	21,500	20,000	18,600	155
160	55.4	229.3	20,000	18,600	17,300	160
165	54.1	225.7	18,600	17,300	16,100	165
170	52.8	221.9	17,300	16,100	15,000	170
175	51.5	218.0	16,100	15,000	13,900	175
180	50.1	213.8	14,900	13,900	12,900	180
185	48.7	209.4	13,900	12,900	11,900	185
190	47.2	204.9	12,800	11,900	11,000	190
195	45.8	200.0	11,900	11,000	10,200	195
200	44.2	194.9	10,900	10,100	9,300	200
205	42.7	189.6	10,100	9,300	8,600	205
210	41.1	183.9	9,200	8,500	7,800	210
215	39.4	177.9	8,000	7,500	7,000	215
220	37.7	171.5	6,800	6,300	5,800	220
225	35.9	164.7	5,600	5,200	4,700	225
230	34.0	157.5	4,500	4,100		230


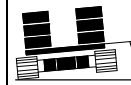
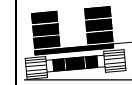


# MLC250 S-3




**219,600 lb**  
 +  
**80,000 lb**

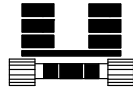


 <b>280.0 ft</b>				
ft	°	ft	 0° lb	 1° lb
42	82.9	285.7	86,500	
44	82.5	285.5	85,600	
46	82.0	285.2	84,700	
48	81.6	284.9	83,900	55,800
50	81.2	284.6	83,000	55,600
55	80.2	283.7	80,900	55,300
60	79.1	282.7	79,000	54,900
65	78.1	281.7	77,300	54,500
70	77.0	280.5	75,200	54,100
75	76.0	279.3	73,400	53,700
80	74.9	278.0	68,200	53,300
85	73.9	276.5	62,200	53,000
90	72.8	275.0	56,800	51,800
95	71.7	273.3	52,100	47,700
100	70.6	271.6	48,000	44,000
105	69.5	269.7	44,200	40,600
110	68.4	267.8	40,900	37,600
115	67.3	265.7	37,800	34,900
120	66.2	263.5	35,100	32,400
125	65.1	261.2	32,500	30,100
130	64.0	258.7	30,200	28,000
135	62.8	256.2	28,100	26,000
140	61.6	253.5	26,100	24,200
145	60.5	250.7	24,300	22,500
150	59.3	247.7	22,600	20,900
155	58.1	244.6	21,000	19,500
160	56.9	241.4	19,500	18,100
165	55.6	238.0	18,200	16,800
170	54.4	234.4	16,900	15,600
175	53.1	230.7	15,700	14,500
180	51.8	226.8	14,500	13,400
185	50.5	222.7	13,400	12,400
190	49.1	218.4	12,400	11,400
195	47.7	213.9	11,400	10,500
200	46.3	209.1	10,500	9,700
205	44.9	204.2	9,600	8,800
210	43.4	198.9	8,800	8,100
215	41.9	193.4	7,900	7,300
220	40.3	187.6	6,700	6,200
225	38.7	181.4	5,600	5,100
230	37.0	174.9	4,400	4,000

# MLC250 S-3



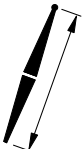
B10



219,600 lb  
+  
80,000 lb



360°

 290.0 ft			
ft	°	ft	lb
44	82.7	295.6	78,600
46	82.3	295.3	77,700
48	81.9	295.0	76,900
50	81.5	294.7	76,100
55	80.5	293.9	74,100
60	79.5	292.9	72,200
65	78.5	291.9	70,400
70	77.5	290.8	68,700
75	76.5	289.6	67,000
80	75.5	288.3	65,500
85	74.4	286.9	61,700
90	73.4	285.5	56,400
95	72.4	283.9	51,700
100	71.3	282.2	47,500
105	70.3	280.4	43,800
110	69.2	278.5	40,400
115	68.2	276.5	37,400
120	67.1	274.4	34,600
125	66.0	272.2	32,100
130	64.9	269.9	29,700
135	63.8	267.4	27,600
140	62.7	264.9	25,600
145	61.6	262.2	23,800
150	60.5	259.3	22,100
155	59.3	256.4	20,500
160	58.1	253.3	19,100
165	57.0	250.1	17,700
170	55.8	246.7	16,400
175	54.6	243.1	15,200
180	53.3	239.4	14,000
185	52.1	235.6	12,900
190	50.8	231.5	11,900
195	49.5	227.3	10,900
200	48.2	222.8	10,000
205	46.8	218.2	9,200
210	45.5	213.3	8,300
215	44.1	208.2	7,500
220	42.6	202.8	6,500
225	41.1	197.1	5,300
230	39.6	191.2	4,200