

# Liftcrane Boom Capacities

**Boom No. B10:82A**  
**149,600 lb Crane Counterweight**  
**0 lb Carbody Counterweight**  
**Crawler Machine on a Barge**  
**0 Degree thru 3 Degree Static Machine List**  
**No Travel - 360 Degree Rating**

## MLC250 SERIES 1

**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. 9923-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 - 160.0                 | 8  | 10,000            | 10,000                       | 10,000 | 10,000 |
| 170.0                        | 8  | 9,200             | 8,500                        | 8,500  | 8,500  |
| 180.0                        | 8  | 6,900             | 6,200                        | 6,200  | 6,200  |
| 190.0                        | 8  | 4,500             | 3,800                        | 3,800  | 3,800  |
| 200.0                        | 8  | #                 | #                            | #      | #      |
| 210.0                        | 8  | #                 | #                            | #      | #      |
| 220.0                        | 8  | #                 | <b>Raising Not Permitted</b> |        |        |
| 230.0                        | 8  | #                 |                              |        |        |
| 240.0 (a)                    | 8  | #                 |                              |        |        |
| 250.0 (a)                    | 2  | #                 |                              |        |        |

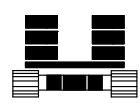
**Table 2**

| 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 - 160.0                 | 8  | 10,000            | 10,000                       | 10,000 | 10,000 |
| 170.0                        | 8  | 9,800             | 8,500                        | 8,500  | 8,500  |
| 180.0                        | 8  | 7,800             | 6,200                        | 6,200  | 6,200  |
| 190.0                        | 8  | 5,600             | 4,700                        | 4,700  | 4,700  |
| 200.0                        | 8  | 4,600             | 4,000                        | 4,000  | 4,000  |
| 210.0                        | 8  | 4,200             | 3,600                        | 3,600  | 3,600  |
| 220.0                        | 8  | #                 | #                            | #      | #      |
| 230.0                        | 8  | #                 | #                            | #      | #      |
| 240.0 (a)                    | 8  | #                 | #                            | #      | #      |
| 250.0 (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


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

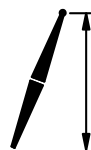
 Crane Counterweight  
+  
Carbody Counterweight

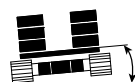
 360°  
360 Degree Rating


 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)

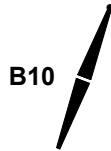
REFERENCE ONLY!

# MLC250 S-1



| 70.0 ft |      |      |           |           |           |           |    |    |
|---------|------|------|-----------|-----------|-----------|-----------|----|----|
| ft      | °    | ft   | 0°<br>lb  | 1°<br>lb  | 2°<br>lb  | 3°<br>lb  | ft |    |
| 16      | 82.8 | 77.4 | 451,000 b |           |           |           |    | 16 |
| 17      | 82.0 | 77.2 | 426,500 b | 398,400 b |           |           |    | 17 |
| 18      | 81.1 | 77.0 | 404,500 b | 379,000 b |           |           |    | 18 |
| 19      | 80.3 | 76.8 | 384,500 b | 361,500 b | 340,200 b |           |    | 19 |
| 20      | 79.5 | 76.6 | 366,400 b | 345,400 b | 322,200 b | 270,500 b |    | 20 |
| 22      | 77.8 | 76.1 | 334,700 b | 307,600 b | 276,800 b | 244,700 b |    | 22 |
| 24      | 76.1 | 75.6 | 294,000 b | 265,800 b | 242,100 b | 221,900 b |    | 24 |
| 26      | 74.4 | 75.0 | 255,500   | 233,700   | 214,900   | 198,600   |    | 26 |
| 28      | 72.7 | 74.3 | 225,500   | 208,100   | 192,900   | 179,500   |    | 28 |
| 30      | 70.9 | 73.6 | 201,600   | 187,400   | 174,800   | 163,600   |    | 30 |
| 32      | 69.2 | 72.8 | 182,000   | 170,200   | 159,600   | 150,100   |    | 32 |
| 34      | 67.4 | 71.9 | 165,600   | 155,700   | 146,700   | 138,500   |    | 34 |
| 36      | 65.6 | 71.0 | 151,800   | 143,300   | 135,600   | 128,500   |    | 36 |
| 38      | 63.7 | 70.0 | 139,900   | 132,600   | 125,900   | 119,700   |    | 38 |
| 40      | 61.9 | 68.9 | 129,600   | 123,300   | 117,400   | 111,900   |    | 40 |
| 42      | 60.0 | 67.7 | 120,600   | 115,000   | 109,900   | 105,000   |    | 42 |
| 44      | 58.0 | 66.4 | 112,600   | 107,700   | 103,100   | 98,800    |    | 44 |
| 46      | 56.0 | 65.0 | 105,600   | 101,200   | 97,100    | 93,300    |    | 46 |
| 48      | 54.0 | 63.5 | 99,200    | 95,300    | 91,700    | 88,200    |    | 48 |
| 50      | 51.9 | 61.9 | 93,500    | 90,000    | 86,800    | 83,700    |    | 50 |
| 55      | 46.3 | 57.2 | 81,400    | 78,800    | 76,300    | 73,800    |    | 55 |
| 60      | 40.1 | 51.5 | 71,700    | 69,700    | 67,700    | 65,800    |    | 60 |
| 65      | 32.9 | 44.3 | 63,700    | 62,200    | 60,700    | 59,200    |    | 65 |
| 70      | 23.7 | 34.3 | 57,000    | 55,800    | 54,700    | 53,600    |    | 70 |

# MLC250 S-1

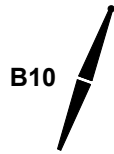


149,600 lb  
+  
0 lb



| 80.0 ft |      |      |           |           |           |          |    |    |
|---------|------|------|-----------|-----------|-----------|----------|----|----|
| ft      | °    | ft   | 0°<br>lb  | 1°<br>lb  | 2°<br>lb  | 3°<br>lb | ft |    |
| 17      | 83.0 | 87.3 | 425,700 b |           |           |          |    | 17 |
| 18      | 82.3 | 87.2 | 403,700 b |           |           |          |    | 18 |
| 19      | 81.5 | 87.0 | 383,800 b | 357,700 b |           |          |    | 19 |
| 20      | 80.8 | 86.8 | 365,600 b | 341,900 b | 313,500 b |          |    | 20 |
| 22      | 79.4 | 86.4 | 334,000 b | 303,800 b | 270,200 b | 242,600b |    | 22 |
| 24      | 77.9 | 85.9 | 294,400 b | 262,900 b | 236,900 b | 215,200b |    | 24 |
| 26      | 76.4 | 85.4 | 255,800   | 231,300   | 210,700   | 193,000  |    | 26 |
| 28      | 74.9 | 84.8 | 225,800   | 206,200   | 189,400   | 174,800  |    | 28 |
| 30      | 73.4 | 84.2 | 201,700   | 185,700   | 171,800   | 159,500  |    | 30 |
| 32      | 71.9 | 83.5 | 182,100   | 168,800   | 157,000   | 146,600  |    | 32 |
| 34      | 70.4 | 82.8 | 165,700   | 154,400   | 144,400   | 135,400  |    | 34 |
| 36      | 68.8 | 82.0 | 151,800   | 142,200   | 133,500   | 125,700  |    | 36 |
| 38      | 67.3 | 81.1 | 139,900   | 131,600   | 124,000   | 117,200  |    | 38 |
| 40      | 65.7 | 80.2 | 129,600   | 122,300   | 115,700   | 109,600  |    | 40 |
| 42      | 64.1 | 79.2 | 120,500   | 114,200   | 108,300   | 102,900  |    | 42 |
| 44      | 62.5 | 78.1 | 112,600   | 106,900   | 101,700   | 96,900   |    | 44 |
| 46      | 60.8 | 76.9 | 105,500   | 100,500   | 95,800    | 91,400   |    | 46 |
| 48      | 59.1 | 75.7 | 99,100    | 94,600    | 90,500    | 86,500   |    | 48 |
| 50      | 57.4 | 74.4 | 93,400    | 89,400    | 85,600    | 82,000   |    | 50 |
| 55      | 53.0 | 70.7 | 81,300    | 78,200    | 75,200    | 72,400   |    | 55 |
| 60      | 48.2 | 66.3 | 71,600    | 69,100    | 66,800    | 64,500   |    | 60 |
| 65      | 43.1 | 61.1 | 63,700    | 61,700    | 59,800    | 58,000   |    | 65 |
| 70      | 37.3 | 54.9 | 57,000    | 55,400    | 53,900    | 52,400   |    | 70 |
| 75      | 30.6 | 47.0 | 51,300    | 50,100    | 48,900    | 47,700   |    | 75 |
| 80      | 22.0 | 36.1 | 46,400    | 45,400    | 44,500    | 43,600   |    | 80 |

# MLC250 S-1



| ft | °    | ft   | 0°<br>lb  | 1°<br>lb  | 2°<br>lb  | 3°<br>lb  | ft |    |
|----|------|------|-----------|-----------|-----------|-----------|----|----|
| 19 | 82.5 | 97.1 | 383,100 b |           |           |           |    | 19 |
| 20 | 81.8 | 97.0 | 365,000 b | 338,600 b |           |           |    | 20 |
| 22 | 80.6 | 96.6 | 333,300 b | 300,000 b | 263,800 b |           |    | 22 |
| 24 | 79.3 | 96.2 | 294,800 b | 260,000 b | 231,900 b | 208,800 b |    | 24 |
| 26 | 77.9 | 95.7 | 256,000   | 229,000   | 206,600   | 187,700   |    | 26 |
| 28 | 76.6 | 95.2 | 225,900   | 204,300   | 186,000   | 170,300   |    | 28 |
| 30 | 75.3 | 94.7 | 201,800   | 184,100   | 168,900   | 155,700   |    | 30 |
| 32 | 74.0 | 94.1 | 182,100   | 167,300   | 154,500   | 143,200   |    | 32 |
| 34 | 72.6 | 93.4 | 165,700   | 153,200   | 142,200   | 132,400   |    | 34 |
| 36 | 71.3 | 92.7 | 151,800   | 141,100   | 131,500   | 123,000   |    | 36 |
| 38 | 69.9 | 91.9 | 139,800   | 130,600   | 122,300   | 114,800   |    | 38 |
| 40 | 68.6 | 91.1 | 129,500   | 121,400   | 114,100   | 107,400   |    | 40 |
| 42 | 67.2 | 90.3 | 120,400   | 113,300   | 106,800   | 100,900   |    | 42 |
| 44 | 65.8 | 89.3 | 112,500   | 106,100   | 100,300   | 95,000    |    | 44 |
| 46 | 64.3 | 88.3 | 105,300   | 99,700    | 94,500    | 89,700    |    | 46 |
| 48 | 62.9 | 87.3 | 99,000    | 93,900    | 89,300    | 84,900    |    | 48 |
| 50 | 61.4 | 86.2 | 93,300    | 88,700    | 84,500    | 80,500    |    | 50 |
| 55 | 57.7 | 83.1 | 81,200    | 77,600    | 74,200    | 71,100    |    | 55 |
| 60 | 53.8 | 79.5 | 71,500    | 68,600    | 65,900    | 63,400    |    | 60 |
| 65 | 49.6 | 75.3 | 63,500    | 61,200    | 59,000    | 56,900    |    | 65 |
| 70 | 45.2 | 70.5 | 56,900    | 55,000    | 53,200    | 51,400    |    | 70 |
| 75 | 40.4 | 64.8 | 51,200    | 49,700    | 48,200    | 46,700    |    | 75 |
| 80 | 35.0 | 58.0 | 46,300    | 45,100    | 43,900    | 42,700    |    | 80 |
| 85 | 28.7 | 49.5 | 42,100    | 41,100    | 40,100    | 39,100    |    | 85 |
| 90 | 20.7 | 37.9 | 38,300    | 37,500    | 36,800    | 36,000    |    | 90 |

# MLC250 S-1

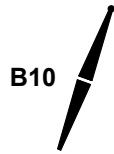


149,600 lb  
+  
0 lb



| ft  | °    | ft    | 0°<br>lb  | 1°<br>lb  | 2°<br>lb  | 3°<br>lb | ft  |
|-----|------|-------|-----------|-----------|-----------|----------|-----|
| 20  | 82.7 | 107.1 | 364,900 b |           |           |          | 20  |
| 22  | 81.5 | 106.8 | 333,200 b | 296,400 b |           |          | 22  |
| 24  | 80.3 | 106.4 | 295,200 b | 257,300 b | 227,300 b |          | 24  |
| 26  | 79.2 | 106.0 | 256,400   | 226,900   | 202,900   | 182,900  | 26  |
| 28  | 78.0 | 105.5 | 226,300   | 202,600   | 182,900   | 166,300  | 28  |
| 30  | 76.8 | 105.0 | 202,100   | 182,700   | 166,300   | 152,300  | 30  |
| 32  | 75.6 | 104.5 | 182,400   | 166,200   | 152,300   | 140,300  | 32  |
| 34  | 74.4 | 103.9 | 165,900   | 152,200   | 140,300   | 129,900  | 34  |
| 36  | 73.2 | 103.3 | 152,000   | 140,200   | 129,900   | 120,800  | 36  |
| 38  | 72.0 | 102.6 | 140,100   | 129,900   | 120,800   | 112,800  | 38  |
| 40  | 70.8 | 101.9 | 129,700   | 120,800   | 112,800   | 105,700  | 40  |
| 42  | 69.6 | 101.1 | 120,600   | 112,800   | 105,700   | 99,300   | 42  |
| 44  | 68.3 | 100.3 | 112,600   | 105,700   | 99,300    | 93,600   | 44  |
| 46  | 67.1 | 99.4  | 105,500   | 99,300    | 93,600    | 88,400   | 46  |
| 48  | 65.8 | 98.5  | 99,200    | 93,600    | 88,400    | 83,700   | 48  |
| 50  | 64.6 | 97.5  | 93,400    | 88,400    | 83,700    | 79,400   | 50  |
| 55  | 61.3 | 94.8  | 81,300    | 77,400    | 73,600    | 70,200   | 55  |
| 60  | 57.9 | 91.7  | 71,600    | 68,400    | 65,400    | 62,600   | 60  |
| 65  | 54.4 | 88.2  | 63,700    | 61,100    | 58,600    | 56,300   | 65  |
| 70  | 50.8 | 84.2  | 57,100    | 54,900    | 52,800    | 50,900   | 70  |
| 75  | 46.9 | 79.6  | 51,400    | 49,600    | 47,900    | 46,300   | 75  |
| 80  | 42.7 | 74.4  | 46,600    | 45,100    | 43,600    | 42,200   | 80  |
| 85  | 38.2 | 68.2  | 42,400    | 41,100    | 39,900    | 38,700   | 85  |
| 90  | 33.1 | 60.9  | 38,700    | 37,600    | 36,600    | 35,600   | 90  |
| 95  | 27.2 | 51.8  | 35,400    | 34,500    | 33,700    | 32,900   | 95  |
| 100 | 19.5 | 39.5  | 32,400    | 31,700    | 31,100    | 30,400   | 100 |

# MLC250 S-1



| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft |     |
|-----|------|-------|----------|----------|----------|----------|----|-----|
| 22  | 82.3 | 116.9 | 332,500  |          |          |          |    | 22  |
| 24  | 81.2 | 116.6 | 295,400  | 254,300  |          |          |    | 24  |
| 26  | 80.2 | 116.2 | 256,500  | 224,500  | 198,900  |          |    | 26  |
| 28  | 79.1 | 115.8 | 226,300  | 200,600  | 179,600  | 162,100  |    | 28  |
| 30  | 78.0 | 115.3 | 202,100  | 181,000  | 163,500  | 148,600  |    | 30  |
| 32  | 77.0 | 114.8 | 182,300  | 164,700  | 149,800  | 137,000  |    | 32  |
| 34  | 75.9 | 114.3 | 165,800  | 150,900  | 138,100  | 127,000  |    | 34  |
| 36  | 74.8 | 113.8 | 151,800  | 139,000  | 127,900  | 118,200  |    | 36  |
| 38  | 73.7 | 113.1 | 139,900  | 128,800  | 119,000  | 110,400  |    | 38  |
| 40  | 72.6 | 112.5 | 129,500  | 119,800  | 111,200  | 103,500  |    | 40  |
| 42  | 71.5 | 111.8 | 120,400  | 111,800  | 104,200  | 97,300   |    | 42  |
| 44  | 70.4 | 111.1 | 112,400  | 104,800  | 97,900   | 91,700   |    | 44  |
| 46  | 69.3 | 110.3 | 105,300  | 98,400   | 92,300   | 86,700   |    | 46  |
| 48  | 68.2 | 109.5 | 98,900   | 92,800   | 87,200   | 82,100   |    | 48  |
| 50  | 67.0 | 108.6 | 93,200   | 87,600   | 82,500   | 77,900   |    | 50  |
| 55  | 64.1 | 106.2 | 81,000   | 76,600   | 72,600   | 68,800   |    | 55  |
| 60  | 61.2 | 103.5 | 71,300   | 67,800   | 64,500   | 61,400   |    | 60  |
| 65  | 58.1 | 100.4 | 63,400   | 60,400   | 57,700   | 55,100   |    | 65  |
| 70  | 55.0 | 97.0  | 56,700   | 54,300   | 52,000   | 49,800   |    | 70  |
| 75  | 51.7 | 93.1  | 51,100   | 49,100   | 47,100   | 45,300   |    | 75  |
| 80  | 48.2 | 88.7  | 46,200   | 44,500   | 42,900   | 41,300   |    | 80  |
| 85  | 44.5 | 83.7  | 42,000   | 40,600   | 39,200   | 37,800   |    | 85  |
| 90  | 40.6 | 78.0  | 38,400   | 37,100   | 35,900   | 34,800   |    | 90  |
| 95  | 36.3 | 71.5  | 35,100   | 34,000   | 33,000   | 32,000   |    | 95  |
| 100 | 31.5 | 63.7  | 32,200   | 31,300   | 30,400   | 29,600   |    | 100 |
| 105 | 25.8 | 54.1  | 29,500   | 28,800   | 28,100   | 27,400   |    | 105 |
| 110 | 18.6 | 41.1  | 27,100   | 26,500   | 25,900   | 25,400   |    | 110 |



# MLC250 S-1

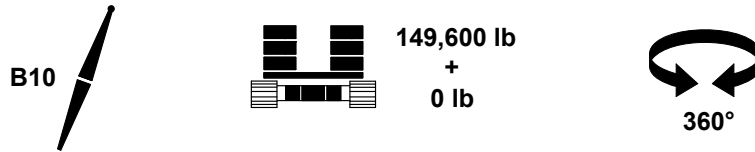


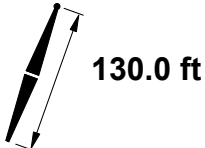
149,600 lb  
+  
0 lb



| 120.0 ft |      |       |          |          |          |          |    |     |
|----------|------|-------|----------|----------|----------|----------|----|-----|
| ft       | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft |     |
| 22       | 82.9 | 127.0 | 324,500  |          |          |          |    | 22  |
| 24       | 82.0 | 126.7 | 295,600  | 251,500  |          |          |    | 24  |
| 26       | 81.0 | 126.4 | 256,700  | 222,300  | 195,300  |          |    | 26  |
| 28       | 80.0 | 126.0 | 226,400  | 198,800  | 176,600  |          |    | 28  |
| 30       | 79.1 | 125.6 | 202,200  | 179,500  | 160,900  | 145,300  |    | 30  |
| 32       | 78.1 | 125.1 | 182,400  | 163,400  | 147,600  | 134,200  |    | 32  |
| 34       | 77.1 | 124.7 | 165,900  | 149,800  | 136,100  | 124,500  |    | 34  |
| 36       | 76.1 | 124.1 | 151,900  | 138,100  | 126,200  | 115,900  |    | 36  |
| 38       | 75.1 | 123.6 | 139,900  | 127,900  | 117,500  | 108,400  |    | 38  |
| 40       | 74.1 | 123.0 | 129,500  | 119,000  | 109,800  | 101,700  |    | 40  |
| 42       | 73.1 | 122.4 | 120,400  | 111,100  | 102,900  | 95,600   |    | 42  |
| 44       | 72.1 | 121.7 | 112,400  | 104,100  | 96,800   | 90,200   |    | 44  |
| 46       | 71.1 | 121.0 | 105,300  | 97,900   | 91,200   | 85,300   |    | 46  |
| 48       | 70.1 | 120.2 | 98,900   | 92,200   | 86,200   | 80,800   |    | 48  |
| 50       | 69.1 | 119.5 | 93,100   | 87,100   | 81,700   | 76,700   |    | 50  |
| 55       | 66.5 | 117.3 | 81,000   | 76,200   | 71,800   | 67,800   |    | 55  |
| 60       | 63.8 | 114.9 | 71,300   | 67,400   | 63,800   | 60,500   |    | 60  |
| 65       | 61.1 | 112.1 | 63,300   | 60,100   | 57,200   | 54,400   |    | 65  |
| 70       | 58.3 | 109.1 | 56,700   | 54,000   | 51,500   | 49,200   |    | 70  |
| 75       | 55.4 | 105.7 | 51,000   | 48,800   | 46,700   | 44,700   |    | 75  |
| 80       | 52.4 | 101.9 | 46,200   | 44,300   | 42,500   | 40,700   |    | 80  |
| 85       | 49.3 | 97.7  | 42,000   | 40,400   | 38,800   | 37,300   |    | 85  |
| 90       | 46.0 | 92.9  | 38,300   | 36,900   | 35,600   | 34,300   |    | 90  |
| 95       | 42.5 | 87.6  | 35,100   | 33,900   | 32,700   | 31,600   |    | 95  |
| 100      | 38.8 | 81.5  | 32,200   | 31,100   | 30,100   | 29,100   |    | 100 |
| 105      | 34.7 | 74.6  | 29,600   | 28,700   | 27,800   | 26,900   |    | 105 |
| 110      | 30.1 | 66.3  | 27,200   | 26,400   | 25,700   | 24,900   |    | 110 |
| 115      | 24.7 | 56.2  | 25,000   | 24,400   | 23,800   | 23,100   |    | 115 |
| 120      | 17.7 | 42.5  | 23,000   | 22,500   | 22,000   | 21,500   |    | 120 |

# MLC250 S-1



|  |      |       |          |          |          |          |     |  |
|---|------|-------|----------|----------|----------|----------|-----|--|
| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |  |
| 24  | 82.6 | 136.8 | 295,000  |          |          |          | 24  |  |
| 26  | 81.7 | 136.5 | 256,800  | 220,000  |          |          | 26  |  |
| 28  | 80.8 | 136.2 | 226,500  | 196,900  | 173,500  | 142,000  | 28  |  |
| 30  | 79.9 | 135.8 | 202,200  | 177,900  | 158,300  | 131,300  | 30  |  |
| 32  | 79.0 | 135.4 | 182,400  | 162,000  | 145,300  |          | 32  |  |
| 34  | 78.1 | 134.9 | 165,800  | 148,600  | 134,100  | 121,900  | 34  |  |
| 36  | 77.2 | 134.5 | 151,800  | 137,000  | 124,400  | 113,600  | 36  |  |
| 38  | 76.3 | 133.9 | 139,800  | 126,900  | 115,900  | 106,300  | 38  |  |
| 40  | 75.4 | 133.4 | 129,400  | 118,100  | 108,300  | 99,800   | 40  |  |
| 42  | 74.5 | 132.8 | 120,300  | 110,300  | 101,600  | 93,900   | 42  |  |
| 44  | 73.5 | 132.2 | 112,300  | 103,400  | 95,500   | 88,600   | 44  |  |
| 46  | 72.6 | 131.6 | 105,100  | 97,100   | 90,100   | 83,800   | 46  |  |
| 48  | 71.7 | 130.9 | 98,700   | 91,500   | 85,100   | 79,400   | 48  |  |
| 50  | 70.7 | 130.2 | 93,000   | 86,500   | 80,600   | 75,400   | 50  |  |
| 55  | 68.4 | 128.2 | 80,800   | 75,600   | 71,000   | 66,700   | 55  |  |
| 60  | 66.0 | 126.0 | 71,100   | 66,900   | 63,000   | 59,500   | 60  |  |
| 65  | 63.5 | 123.5 | 63,100   | 59,600   | 56,400   | 53,400   | 65  |  |
| 70  | 61.0 | 120.8 | 56,500   | 53,600   | 50,800   | 48,300   | 70  |  |
| 75  | 58.4 | 117.8 | 50,800   | 48,400   | 46,100   | 43,900   | 75  |  |
| 80  | 55.8 | 114.4 | 46,000   | 43,900   | 41,900   | 40,000   | 80  |  |
| 85  | 53.0 | 110.7 | 41,800   | 40,000   | 38,300   | 36,600   | 85  |  |
| 90  | 50.2 | 106.6 | 38,100   | 36,500   | 35,100   | 33,600   | 90  |  |
| 95  | 47.2 | 102.0 | 34,900   | 33,500   | 32,200   | 30,900   | 95  |  |
| 100   | 44.1 | 97.0  | 32,000   | 30,800   | 29,600   | 28,500   | 100 |  |
| 105   | 40.7 | 91.3  | 29,400   | 28,300   | 27,300   | 26,400   | 105 |  |
| 110   | 37.1 | 84.9  | 27,000   | 26,100   | 25,200   | 24,400   | 110 |  |
| 115   | 33.2 | 77.5  | 24,900   | 24,100   | 23,300   | 22,600   | 115 |  |
| 120   | 28.8 | 68.9  | 22,900   | 22,200   | 21,600   | 20,900   | 120 |  |
| 125   | 23.6 | 58.2  | 21,100   | 20,500   | 20,000   | 19,400   | 125 |  |
| 130   | 17.0 | 44.0  | 19,400   | 19,000   | 18,500   | 18,000   | 130 |  |

# MLC250 S-1

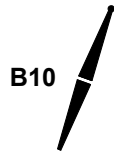


149,600 lb  
+  
0 lb



| 140.0 ft |      |       |          |          |          |          |     |
|----------|------|-------|----------|----------|----------|----------|-----|
| ft       | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 26       | 82.3 | 146.6 | 256,900  |          |          |          | 26  |
| 28       | 81.5 | 146.3 | 226,500  | 195,100  |          |          | 28  |
| 30       | 80.6 | 146.0 | 202,200  | 176,400  | 155,700  |          | 30  |
| 32       | 79.8 | 145.6 | 182,300  | 160,700  | 143,100  | 128,500  | 32  |
| 34       | 79.0 | 145.2 | 165,800  | 147,400  | 132,200  | 119,400  | 34  |
| 36       | 78.1 | 144.7 | 151,700  | 135,900  | 122,700  | 111,400  | 36  |
| 38       | 77.3 | 144.3 | 139,700  | 126,000  | 114,300  | 104,300  | 38  |
| 40       | 76.5 | 143.8 | 129,300  | 117,300  | 106,900  | 98,000   | 40  |
| 42       | 75.6 | 143.2 | 120,200  | 109,500  | 100,300  | 92,200   | 42  |
| 44       | 74.8 | 142.7 | 112,100  | 102,700  | 94,400   | 87,100   | 44  |
| 46       | 73.9 | 142.1 | 105,000  | 96,500   | 89,000   | 82,400   | 46  |
| 48       | 73.0 | 141.4 | 98,600   | 90,900   | 84,100   | 78,100   | 48  |
| 50       | 72.2 | 140.8 | 92,800   | 85,900   | 79,700   | 74,100   | 50  |
| 55       | 70.0 | 139.0 | 80,700   | 75,100   | 70,100   | 65,600   | 55  |
| 60       | 67.8 | 137.0 | 70,900   | 66,400   | 62,300   | 58,600   | 60  |
| 65       | 65.6 | 134.7 | 62,900   | 59,200   | 55,800   | 52,600   | 65  |
| 70       | 63.3 | 132.2 | 56,300   | 53,200   | 50,300   | 47,600   | 70  |
| 75       | 60.9 | 129.5 | 50,700   | 48,000   | 45,500   | 43,200   | 75  |
| 80       | 58.5 | 126.4 | 45,800   | 43,600   | 41,400   | 39,400   | 80  |
| 85       | 56.1 | 123.1 | 41,600   | 39,700   | 37,800   | 36,000   | 85  |
| 90       | 53.5 | 119.5 | 38,000   | 36,200   | 34,600   | 33,100   | 90  |
| 95       | 50.9 | 115.4 | 34,700   | 33,200   | 31,800   | 30,400   | 95  |
| 100      | 48.2 | 111.0 | 31,800   | 30,500   | 29,200   | 28,000   | 100 |
| 105      | 45.3 | 106.2 | 29,200   | 28,100   | 27,000   | 25,900   | 105 |
| 110      | 42.3 | 100.8 | 26,900   | 25,900   | 24,900   | 23,900   | 110 |
| 115      | 39.1 | 94.8  | 24,800   | 23,900   | 23,000   | 22,100   | 115 |
| 120      | 35.7 | 88.1  | 22,800   | 22,000   | 21,300   | 20,500   | 120 |
| 125      | 31.9 | 80.3  | 21,000   | 20,300   | 19,700   | 19,000   | 125 |
| 130      | 27.7 | 71.3  | 19,400   | 18,800   | 18,200   | 17,600   | 130 |
| 135      | 22.7 | 60.2  | 17,900   | 17,300   | 16,800   | 16,400   | 135 |
| 140      | 16.3 | 45.3  | 16,400   | 16,000   | 15,600   | 15,200   | 140 |

# MLC250 S-1



149,600 lb  
+  
0 lb



| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft |     |
|-----|------|-------|----------|----------|----------|----------|----|-----|
| 26  | 82.8 | 156.7 | 256,900  |          |          |          |    | 26  |
| 28  | 82.0 | 156.4 | 226,400  |          |          |          |    | 28  |
| 30  | 81.3 | 156.1 | 202,100  | 174,700  |          |          |    | 30  |
| 32  | 80.5 | 155.8 | 182,200  | 159,200  | 140,800  |          |    | 32  |
| 34  | 79.7 | 155.4 | 165,600  | 146,000  | 130,100  | 116,800  |    | 34  |
| 36  | 78.9 | 155.0 | 151,500  | 134,700  | 120,800  | 109,100  |    | 36  |
| 38  | 78.2 | 154.5 | 139,500  | 124,800  | 112,600  | 102,200  |    | 38  |
| 40  | 77.4 | 154.1 | 129,000  | 116,200  | 105,300  | 96,000   |    | 40  |
| 42  | 76.6 | 153.6 | 119,900  | 108,500  | 98,800   | 90,400   |    | 42  |
| 44  | 75.8 | 153.0 | 111,800  | 101,700  | 93,000   | 85,300   |    | 44  |
| 46  | 75.0 | 152.5 | 104,600  | 95,600   | 87,700   | 80,700   |    | 46  |
| 48  | 74.2 | 151.9 | 98,200   | 90,100   | 82,900   | 76,500   |    | 48  |
| 50  | 73.4 | 151.3 | 92,500   | 85,000   | 78,500   | 72,700   |    | 50  |
| 55  | 71.4 | 149.6 | 80,300   | 74,400   | 69,100   | 64,300   |    | 55  |
| 60  | 69.4 | 147.8 | 70,500   | 65,700   | 61,300   | 57,400   |    | 60  |
| 65  | 67.3 | 145.7 | 62,500   | 58,500   | 54,900   | 51,500   |    | 65  |
| 70  | 65.2 | 143.4 | 55,800   | 52,500   | 49,400   | 46,500   |    | 70  |
| 75  | 63.0 | 140.9 | 50,200   | 47,300   | 44,700   | 42,200   |    | 75  |
| 80  | 60.9 | 138.1 | 45,400   | 42,900   | 40,600   | 38,500   |    | 80  |
| 85  | 58.6 | 135.1 | 41,200   | 39,000   | 37,000   | 35,100   |    | 85  |
| 90  | 56.4 | 131.8 | 37,500   | 35,600   | 33,900   | 32,200   |    | 90  |
| 95  | 54.0 | 128.2 | 34,200   | 32,600   | 31,000   | 29,600   |    | 95  |
| 100 | 51.6 | 124.3 | 31,300   | 29,900   | 28,500   | 27,200   |    | 100 |
| 105 | 49.1 | 120.0 | 28,700   | 27,500   | 26,200   | 25,100   |    | 105 |
| 110 | 46.4 | 115.3 | 26,400   | 25,300   | 24,200   | 23,100   |    | 110 |
| 115 | 43.7 | 110.2 | 24,300   | 23,300   | 22,300   | 21,400   |    | 115 |
| 120 | 40.8 | 104.5 | 22,300   | 21,400   | 20,600   | 19,700   |    | 120 |
| 125 | 37.7 | 98.2  | 20,600   | 19,800   | 19,000   | 18,300   |    | 125 |
| 130 | 34.4 | 91.1  | 18,900   | 18,200   | 17,500   | 16,900   |    | 130 |
| 135 | 30.8 | 83.1  | 17,400   | 16,800   | 16,200   | 15,600   |    | 135 |
| 140 | 26.7 | 73.6  | 16,000   | 15,500   | 14,900   | 14,400   |    | 140 |
| 145 | 21.9 | 62.1  | 14,700   | 14,200   | 13,800   | 13,300   |    | 145 |
| 150 | 15.7 | 46.7  | 13,400   | 13,100   | 12,700   | 12,300   |    | 150 |

# MLC250 S-1

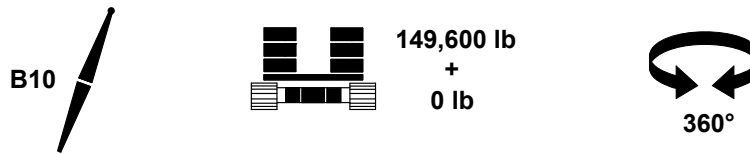


149,600 lb  
+  
0 lb



| 160.0 ft |      |       |          |          |          |          |    |     |
|----------|------|-------|----------|----------|----------|----------|----|-----|
| ft       | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft |     |
| 28       | 82.5 | 166.5 | 226,400  |          |          |          |    | 28  |
| 30       | 81.8 | 166.2 | 202,000  | 173,100  |          |          |    | 30  |
| 32       | 81.1 | 165.9 | 182,000  | 157,800  |          |          |    | 32  |
| 34       | 80.4 | 165.6 | 165,400  | 144,800  | 128,200  |          |    | 34  |
| 36       | 79.6 | 165.2 | 151,400  | 133,600  | 119,100  | 106,900  |    | 36  |
| 38       | 78.9 | 164.8 | 139,300  | 123,800  | 111,000  | 100,200  |    | 38  |
| 40       | 78.2 | 164.3 | 128,800  | 115,300  | 103,900  | 94,200   |    | 40  |
| 42       | 77.4 | 163.9 | 119,700  | 107,700  | 97,500   | 88,700   |    | 42  |
| 44       | 76.7 | 163.4 | 111,600  | 100,900  | 91,700   | 83,800   |    | 44  |
| 46       | 76.0 | 162.9 | 104,400  | 94,800   | 86,600   | 79,300   |    | 46  |
| 48       | 75.2 | 162.3 | 98,000   | 89,400   | 81,800   | 75,200   |    | 48  |
| 50       | 74.5 | 161.7 | 92,200   | 84,400   | 77,500   | 71,400   |    | 50  |
| 55       | 72.6 | 160.2 | 80,000   | 73,800   | 68,200   | 63,200   |    | 55  |
| 60       | 70.7 | 158.5 | 70,300   | 65,200   | 60,600   | 56,400   |    | 60  |
| 65       | 68.8 | 156.5 | 62,300   | 58,000   | 54,200   | 50,700   |    | 65  |
| 70       | 66.8 | 154.4 | 55,600   | 52,000   | 48,800   | 45,700   |    | 70  |
| 75       | 64.9 | 152.1 | 50,000   | 46,900   | 44,100   | 41,500   |    | 75  |
| 80       | 62.9 | 149.5 | 45,100   | 42,500   | 40,100   | 37,800   |    | 80  |
| 85       | 60.8 | 146.8 | 40,900   | 38,600   | 36,500   | 34,500   |    | 85  |
| 90       | 58.7 | 143.8 | 37,200   | 35,200   | 33,400   | 31,600   |    | 90  |
| 95       | 56.6 | 140.5 | 34,000   | 32,200   | 30,600   | 29,000   |    | 95  |
| 100      | 54.4 | 137.0 | 31,100   | 29,500   | 28,100   | 26,700   |    | 100 |
| 105      | 52.1 | 133.1 | 28,500   | 27,100   | 25,800   | 24,500   |    | 105 |
| 110      | 49.8 | 128.9 | 26,200   | 24,900   | 23,800   | 22,600   |    | 110 |
| 115      | 47.4 | 124.4 | 24,000   | 22,900   | 21,900   | 20,900   |    | 115 |
| 120      | 44.9 | 119.5 | 22,100   | 21,100   | 20,200   | 19,300   |    | 120 |
| 125      | 42.2 | 114.0 | 20,300   | 19,500   | 18,600   | 17,800   |    | 125 |
| 130      | 39.4 | 108.1 | 18,700   | 17,900   | 17,200   | 16,400   |    | 130 |
| 135      | 36.5 | 101.5 | 17,200   | 16,500   | 15,800   | 15,200   |    | 135 |
| 140      | 33.3 | 94.1  | 15,800   | 15,200   | 14,600   | 14,000   |    | 140 |
| 145      | 29.8 | 85.7  | 14,500   | 14,000   | 13,400   | 12,900   |    | 145 |
| 150      | 25.8 | 75.9  | 13,300   | 12,800   | 12,300   | 11,900   |    | 150 |
| 155      | 21.2 | 63.9  | 12,200   | 11,700   | 11,300   | 10,900   |    | 155 |
| 160      | 15.2 | 47.9  | 11,100   | 10,700   | 10,400   | 10,000   |    | 160 |

# MLC250 S-1



| 170.0 ft |      |       |          |          |          |          |    |     |
|----------|------|-------|----------|----------|----------|----------|----|-----|
| ft       | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft |     |
| 28       | 83.0 | 176.6 | 226,300  |          |          |          |    | 28  |
| 30       | 82.3 | 176.4 | 201,900  |          |          |          |    | 30  |
| 32       | 81.6 | 176.0 | 181,900  | 156,400  |          |          |    | 32  |
| 34       | 80.9 | 175.7 | 165,300  | 143,500  | 126,200  |          |    | 34  |
| 36       | 80.3 | 175.4 | 151,200  | 132,500  | 117,300  |          |    | 36  |
| 38       | 79.6 | 175.0 | 139,100  | 122,800  | 109,400  | 98,200   |    | 38  |
| 40       | 78.9 | 174.6 | 128,600  | 114,300  | 102,400  | 92,400   |    | 40  |
| 42       | 78.2 | 174.1 | 119,500  | 106,800  | 96,100   | 87,100   |    | 42  |
| 44       | 77.5 | 173.7 | 111,400  | 100,100  | 90,500   | 82,200   |    | 44  |
| 46       | 76.8 | 173.2 | 104,200  | 94,100   | 85,400   | 77,800   |    | 46  |
| 48       | 76.1 | 172.7 | 97,800   | 88,600   | 80,700   | 73,800   |    | 48  |
| 50       | 75.4 | 172.1 | 92,000   | 83,700   | 76,500   | 70,100   |    | 50  |
| 55       | 73.7 | 170.7 | 79,700   | 73,100   | 67,300   | 62,100   |    | 55  |
| 60       | 71.9 | 169.1 | 70,000   | 64,600   | 59,700   | 55,400   |    | 60  |
| 65       | 70.1 | 167.3 | 62,000   | 57,500   | 53,400   | 49,700   |    | 65  |
| 70       | 68.3 | 165.3 | 55,300   | 51,500   | 48,000   | 44,900   |    | 70  |
| 75       | 66.4 | 163.1 | 49,600   | 46,400   | 43,400   | 40,700   |    | 75  |
| 80       | 64.6 | 160.8 | 44,800   | 42,000   | 39,400   | 37,000   |    | 80  |
| 85       | 62.7 | 158.2 | 40,600   | 38,100   | 35,900   | 33,800   |    | 85  |
| 90       | 60.8 | 155.4 | 36,900   | 34,800   | 32,800   | 30,900   |    | 90  |
| 95       | 58.8 | 152.4 | 33,600   | 31,800   | 30,000   | 28,300   |    | 95  |
| 100      | 56.8 | 149.2 | 30,700   | 29,100   | 27,500   | 26,000   |    | 100 |
| 105      | 54.7 | 145.7 | 28,100   | 26,700   | 25,200   | 23,900   |    | 105 |
| 110      | 52.6 | 141.9 | 25,800   | 24,500   | 23,200   | 22,000   |    | 110 |
| 115      | 50.4 | 137.8 | 23,700   | 22,500   | 21,400   | 20,300   |    | 115 |
| 120      | 48.2 | 133.4 | 21,800   | 20,700   | 19,700   | 18,700   |    | 120 |
| 125      | 45.9 | 128.6 | 20,000   | 19,000   | 18,100   | 17,200   |    | 125 |
| 130      | 43.4 | 123.4 | 18,400   | 17,500   | 16,700   | 15,800   |    | 130 |
| 135      | 40.9 | 117.8 | 16,900   | 16,100   | 15,300   | 14,600   |    | 135 |
| 140      | 38.2 | 111.5 | 15,500   | 14,800   | 14,100   | 13,400   |    | 140 |
| 145      | 35.3 | 104.6 | 14,200   | 13,600   | 12,900   | 12,300   |    | 145 |
| 150      | 32.2 | 97.0  | 13,000   | 12,400   | 11,900   | 11,300   |    | 150 |
| 155      | 28.8 | 88.2  | 11,900   | 11,400   | 10,900   | 10,400   |    | 155 |
| 160      | 25.0 | 78.0  | 10,800   | 10,400   | 9,900    | 9,500    |    | 160 |
| 165      | 20.5 | 65.7  | 9,800    | 9,400    | 9,000    | 8,700    |    | 165 |

# MLC250 S-1

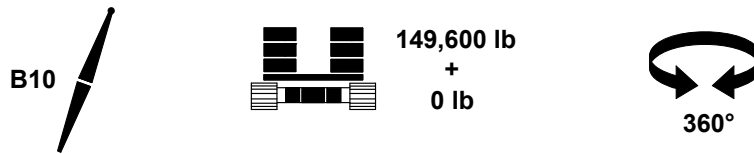


149,600 lb  
+  
0 lb



| 180.0 ft |      |       |          |          |          |          |     |
|----------|------|-------|----------|----------|----------|----------|-----|
| ft       | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 30       | 82.7 | 186.5 | 201,800  |          |          |          | 30  |
| 32       | 82.1 | 186.2 | 181,800  |          |          |          | 32  |
| 34       | 81.5 | 185.8 | 165,100  | 142,300  |          |          | 34  |
| 36       | 80.8 | 185.5 | 151,000  | 131,300  | 115,600  |          | 36  |
| 38       | 80.2 | 185.2 | 138,900  | 121,800  | 107,900  |          | 38  |
| 40       | 79.5 | 184.8 | 128,400  | 113,400  | 101,000  | 90,600   | 40  |
| 42       | 78.9 | 184.4 | 119,200  | 105,900  | 94,800   | 85,400   | 42  |
| 44       | 78.2 | 183.9 | 111,200  | 99,300   | 89,300   | 80,700   | 44  |
| 46       | 77.6 | 183.5 | 104,000  | 93,300   | 84,200   | 76,400   | 46  |
| 48       | 76.9 | 183.0 | 97,500   | 87,900   | 79,700   | 72,500   | 48  |
| 50       | 76.2 | 182.5 | 91,700   | 83,000   | 75,500   | 68,900   | 50  |
| 55       | 74.6 | 181.1 | 79,500   | 72,500   | 66,400   | 61,000   | 55  |
| 60       | 72.9 | 179.6 | 69,700   | 64,000   | 58,900   | 54,400   | 60  |
| 65       | 71.3 | 177.9 | 61,700   | 56,900   | 52,700   | 48,800   | 65  |
| 70       | 69.6 | 176.1 | 55,000   | 51,000   | 47,400   | 44,100   | 70  |
| 75       | 67.8 | 174.0 | 49,300   | 45,900   | 42,800   | 39,900   | 75  |
| 80       | 66.1 | 171.8 | 44,500   | 41,500   | 38,800   | 36,300   | 80  |
| 85       | 64.3 | 169.4 | 40,300   | 37,700   | 35,300   | 33,100   | 85  |
| 90       | 62.5 | 166.9 | 36,600   | 34,300   | 32,200   | 30,300   | 90  |
| 95       | 60.7 | 164.1 | 33,300   | 31,300   | 29,500   | 27,700   | 95  |
| 100      | 58.9 | 161.1 | 30,400   | 28,700   | 27,000   | 25,400   | 100 |
| 105      | 57.0 | 157.9 | 27,800   | 26,300   | 24,800   | 23,300   | 105 |
| 110      | 55.0 | 154.4 | 25,500   | 24,100   | 22,700   | 21,500   | 110 |
| 115      | 53.1 | 150.7 | 23,400   | 22,100   | 20,900   | 19,700   | 115 |
| 120      | 51.0 | 146.7 | 21,500   | 20,300   | 19,200   | 18,200   | 120 |
| 125      | 48.9 | 142.4 | 19,700   | 18,700   | 17,700   | 16,700   | 125 |
| 130      | 46.7 | 137.7 | 18,100   | 17,100   | 16,200   | 15,400   | 130 |
| 135      | 44.5 | 132.7 | 16,600   | 15,700   | 14,900   | 14,100   | 135 |
| 140      | 42.1 | 127.3 | 15,200   | 14,400   | 13,700   | 13,000   | 140 |
| 145      | 39.7 | 121.3 | 13,900   | 13,200   | 12,500   | 11,900   | 145 |
| 150      | 37.1 | 114.9 | 12,700   | 12,100   | 11,500   | 10,900   | 150 |
| 155      | 34.3 | 107.7 | 11,600   | 11,000   | 10,500   | 9,900    | 155 |
| 160      | 31.3 | 99.7  | 10,600   | 10,000   | 9,500    | 9,000    | 160 |
| 165      | 28.0 | 90.7  | 9,600    | 9,100    | 8,700    | 8,200    | 165 |
| 170      | 24.3 | 80.2  | 8,600    | 8,200    | 7,800    | 7,400    | 170 |
| 175      | 19.9 | 67.4  | 7,800    | 7,400    | 7,000    | 6,700    | 175 |

# MLC250 S-1



| 190.0 ft |      |       |          |          |          |          |    |     |
|----------|------|-------|----------|----------|----------|----------|----|-----|
| ft       | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft |     |
| 32       | 82.5 | 196.3 | 181,700  |          |          |          |    | 32  |
| 34       | 81.9 | 196.0 | 165,000  | 141,000  |          |          |    | 34  |
| 36       | 81.3 | 195.7 | 150,800  | 130,200  |          |          |    | 36  |
| 38       | 80.7 | 195.3 | 138,700  | 120,700  | 106,300  |          |    | 38  |
| 40       | 80.1 | 194.9 | 128,200  | 112,400  | 99,500   |          |    | 40  |
| 42       | 79.5 | 194.6 | 119,000  | 105,000  | 93,400   | 83,800   |    | 42  |
| 44       | 78.8 | 194.2 | 110,900  | 98,400   | 88,000   | 79,100   |    | 44  |
| 46       | 78.2 | 193.7 | 103,600  | 92,400   | 83,000   | 74,900   |    | 46  |
| 48       | 77.6 | 193.3 | 97,200   | 87,100   | 78,500   | 71,100   |    | 48  |
| 50       | 77.0 | 192.8 | 91,400   | 82,200   | 74,300   | 67,500   |    | 50  |
| 55       | 75.4 | 191.5 | 79,100   | 71,800   | 65,400   | 59,800   |    | 55  |
| 60       | 73.9 | 190.1 | 69,300   | 63,300   | 58,000   | 53,300   |    | 60  |
| 65       | 72.3 | 188.5 | 61,200   | 56,300   | 51,800   | 47,800   |    | 65  |
| 70       | 70.7 | 186.7 | 54,500   | 50,300   | 46,500   | 43,100   |    | 70  |
| 75       | 69.1 | 184.8 | 48,900   | 45,300   | 42,000   | 39,000   |    | 75  |
| 80       | 67.4 | 182.8 | 44,000   | 40,900   | 38,000   | 35,400   |    | 80  |
| 85       | 65.8 | 180.5 | 39,800   | 37,100   | 34,600   | 32,200   |    | 85  |
| 90       | 64.1 | 178.1 | 36,100   | 33,700   | 31,500   | 29,400   |    | 90  |
| 95       | 62.4 | 175.5 | 32,800   | 30,700   | 28,800   | 26,900   |    | 95  |
| 100      | 60.7 | 172.7 | 29,900   | 28,100   | 26,300   | 24,600   |    | 100 |
| 105      | 58.9 | 169.8 | 27,300   | 25,700   | 24,100   | 22,600   |    | 105 |
| 110      | 57.1 | 166.6 | 25,000   | 23,500   | 22,100   | 20,700   |    | 110 |
| 115      | 55.3 | 163.1 | 22,900   | 21,500   | 20,200   | 19,000   |    | 115 |
| 120      | 53.4 | 159.4 | 20,900   | 19,700   | 18,500   | 17,400   |    | 120 |
| 125      | 51.5 | 155.5 | 19,200   | 18,100   | 17,000   | 16,000   |    | 125 |
| 130      | 49.5 | 151.3 | 17,600   | 16,500   | 15,600   | 14,600   |    | 130 |
| 135      | 47.5 | 146.8 | 16,100   | 15,100   | 14,300   | 13,400   |    | 135 |
| 140      | 45.4 | 141.9 | 14,700   | 13,800   | 13,000   | 12,200   |    | 140 |
| 145      | 43.2 | 136.7 | 13,400   | 12,600   | 11,900   | 11,200   |    | 145 |
| 150      | 40.9 | 131.0 | 12,200   | 11,500   | 10,800   | 10,200   |    | 150 |
| 155      | 38.6 | 124.8 | 11,100   | 10,500   | 9,800    | 9,200    |    | 155 |
| 160      | 36.0 | 118.1 | 10,100   | 9,500    | 8,900    | 8,400    |    | 160 |
| 165      | 33.3 | 110.7 | 9,100    | 8,500    | 8,000    | 7,500    |    | 165 |
| 170      | 30.4 | 102.4 | 8,200    | 7,700    | 7,200    | 6,700    |    | 170 |
| 175      | 27.2 | 93.1  | 7,300    | 6,800    | 6,400    | 6,000    |    | 175 |
| 180      | 23.6 | 82.2  | 6,400    | 6,100    | 5,700    | 5,300    |    | 180 |
| 185      | 19.4 | 69.1  | 5,600    | 5,300    | 5,000    | 4,700    |    | 185 |



# MLC250 S-1

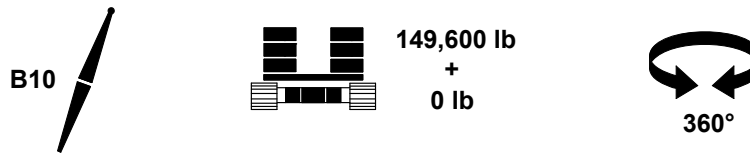


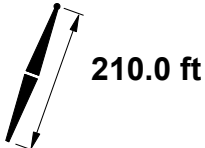
149,600 lb  
+  
0 lb



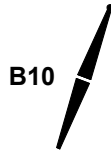
| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft |     |
|-----|------|-------|----------|----------|----------|----------|----|-----|
| 32  | 82.9 | 206.4 | 177,000  |          |          |          |    | 32  |
| 34  | 82.3 | 206.1 | 164,700  |          |          |          |    | 34  |
| 36  | 81.7 | 205.8 | 150,600  | 129,000  |          |          |    | 36  |
| 38  | 81.2 | 205.5 | 138,400  | 119,700  |          |          |    | 38  |
| 40  | 80.6 | 205.1 | 127,900  | 111,400  | 98,100   |          |    | 40  |
| 42  | 80.0 | 204.7 | 118,700  | 104,100  | 92,100   | 79,400   |    | 42  |
| 44  | 79.4 | 204.4 | 110,600  | 97,500   | 86,700   | 77,700   |    | 44  |
| 46  | 78.8 | 204.0 | 103,400  | 91,600   | 81,900   | 73,600   |    | 46  |
| 48  | 78.2 | 203.5 | 96,900   | 86,300   | 77,400   | 69,800   |    | 48  |
| 50  | 77.6 | 203.1 | 91,100   | 81,500   | 73,300   | 66,300   |    | 50  |
| 55  | 76.2 | 201.8 | 78,800   | 71,100   | 64,500   | 58,700   |    | 55  |
| 60  | 74.7 | 200.5 | 69,000   | 62,700   | 57,200   | 52,300   |    | 60  |
| 65  | 73.2 | 199.0 | 60,900   | 55,700   | 51,000   | 46,900   |    | 65  |
| 70  | 71.7 | 197.3 | 54,200   | 49,800   | 45,800   | 42,200   |    | 70  |
| 75  | 70.2 | 195.6 | 48,500   | 44,800   | 41,300   | 38,200   |    | 75  |
| 80  | 68.6 | 193.6 | 43,700   | 40,400   | 37,400   | 34,700   |    | 80  |
| 85  | 67.1 | 191.5 | 39,500   | 36,600   | 34,000   | 31,500   |    | 85  |
| 90  | 65.5 | 189.2 | 35,800   | 33,200   | 30,900   | 28,800   |    | 90  |
| 95  | 63.9 | 186.8 | 32,500   | 30,300   | 28,200   | 26,300   |    | 95  |
| 100 | 62.3 | 184.2 | 29,600   | 27,600   | 25,800   | 24,000   |    | 100 |
| 105 | 60.7 | 181.4 | 27,000   | 25,200   | 23,600   | 22,000   |    | 105 |
| 110 | 59.0 | 178.4 | 24,700   | 23,100   | 21,500   | 20,100   |    | 110 |
| 115 | 57.3 | 175.2 | 22,500   | 21,100   | 19,700   | 18,400   |    | 115 |
| 120 | 55.6 | 171.8 | 20,600   | 19,300   | 18,100   | 16,900   |    | 120 |
| 125 | 53.8 | 168.2 | 18,800   | 17,700   | 16,500   | 15,400   |    | 125 |
| 130 | 52.0 | 164.3 | 17,200   | 16,100   | 15,100   | 14,100   |    | 130 |
| 135 | 50.1 | 160.2 | 15,700   | 14,700   | 13,800   | 12,900   |    | 135 |
| 140 | 48.2 | 155.8 | 14,400   | 13,400   | 12,600   | 11,700   |    | 140 |
| 145 | 46.2 | 151.0 | 13,100   | 12,200   | 11,400   | 10,700   |    | 145 |
| 150 | 44.2 | 146.0 | 11,900   | 11,100   | 10,400   | 9,700    |    | 150 |
| 155 | 42.1 | 140.5 | 10,800   | 10,100   | 9,400    | 8,800    |    | 155 |
| 160 | 39.8 | 134.6 | 9,700    | 9,100    | 8,500    | 7,900    |    | 160 |
| 165 | 37.5 | 128.2 | 8,800    | 8,200    | 7,600    | 7,100    |    | 165 |
| 170 | 35.1 | 121.2 | 7,800    | 7,300    | 6,800    | 6,300    |    | 170 |
| 175 | 32.4 | 113.6 | 7,000    | 6,500    | 6,000    | 5,500    |    | 175 |
| 180 | 29.6 | 105.0 | 6,100    | 5,700    | 5,300    | 4,900    |    | 180 |
| 185 | 26.5 | 95.4  | 5,400    | 5,000    | 4,600    | 4,200    |    | 185 |
| 190 | 23.0 | 84.2  | 4,600    | 4,300    |          |          |    | 190 |

# MLC250 S-1



|  |      |       |          |          |          |          |     |
|---|------|-------|----------|----------|----------|----------|-----|
| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
| 34  | 82.7 | 216.2 | 164,500  |          |          |          | 34  |
| 36  | 82.1 | 215.9 | 150,300  |          |          |          | 36  |
| 38  | 81.6 | 215.6 | 138,200  | 118,600  |          |          | 38  |
| 40  | 81.0 | 215.3 | 127,700  | 110,400  |          |          | 40  |
| 42  | 80.5 | 214.9 | 118,400  | 103,200  | 89,500   |          | 42  |
| 44  | 79.9 | 214.5 | 110,300  | 96,700   | 85,500   | 70,300   | 44  |
| 46  | 79.4 | 214.2 | 103,100  | 90,800   | 80,700   | 70,200   | 46  |
| 48  | 78.8 | 213.7 | 96,600   | 85,500   | 76,300   | 68,400   | 48  |
| 50  | 78.2 | 213.3 | 90,800   | 80,700   | 72,300   | 65,000   | 50  |
| 55  | 76.8 | 212.2 | 78,500   | 70,400   | 63,500   | 57,500   | 55  |
| 60  | 75.4 | 210.9 | 68,600   | 62,000   | 56,300   | 51,300   | 60  |
| 65  | 74.0 | 209.4 | 60,600   | 55,100   | 50,200   | 45,900   | 65  |
| 70  | 72.6 | 207.9 | 53,800   | 49,200   | 45,100   | 41,400   | 70  |
| 75  | 71.1 | 206.2 | 48,200   | 44,200   | 40,600   | 37,400   | 75  |
| 80  | 69.7 | 204.4 | 43,300   | 39,800   | 36,700   | 33,900   | 80  |
| 85  | 68.2 | 202.4 | 39,100   | 36,100   | 33,300   | 30,800   | 85  |
| 90  | 66.7 | 200.2 | 35,400   | 32,700   | 30,300   | 28,000   | 90  |
| 95  | 65.2 | 197.9 | 32,100   | 29,700   | 27,600   | 25,600   | 95  |
| 100   | 63.7 | 195.5 | 29,200   | 27,100   | 25,200   | 23,300   | 100 |
| 105   | 62.2 | 192.9 | 26,600   | 24,700   | 23,000   | 21,300   | 105 |
| 110   | 60.6 | 190.1 | 24,200   | 22,500   | 21,000   | 19,500   | 110 |
| 115   | 59.0 | 187.1 | 22,100   | 20,600   | 19,200   | 17,800   | 115 |
| 120   | 57.4 | 183.9 | 20,200   | 18,800   | 17,500   | 16,300   | 120 |
| 125   | 55.8 | 180.5 | 18,400   | 17,200   | 16,000   | 14,800   | 125 |
| 130   | 54.1 | 176.9 | 16,800   | 15,600   | 14,600   | 13,500   | 130 |
| 135   | 52.4 | 173.1 | 15,300   | 14,300   | 13,300   | 12,300   | 135 |
| 140   | 50.6 | 169.1 | 13,900   | 13,000   | 12,000   | 11,200   | 140 |
| 145   | 48.8 | 164.7 | 12,600   | 11,800   | 10,900   | 10,100   | 145 |
| 150   | 47.0 | 160.1 | 11,500   | 10,600   | 9,900    | 9,100    | 150 |
| 155   | 45.0 | 155.2 | 10,300   | 9,600    | 8,900    | 8,200    | 155 |
| 160   | 43.1 | 149.9 | 9,300    | 8,600    | 8,000    | 7,300    | 160 |
| 165   | 41.0 | 144.2 | 8,300    | 7,700    | 7,100    | 6,500    | 165 |
| 170   | 38.8 | 138.1 | 7,400    | 6,800    | 6,300    | 5,700    | 170 |
| 175   | 36.6 | 131.5 | 6,600    | 6,000    | 5,500    | 5,000    | 175 |
| 180   | 34.2 | 124.3 | 5,700    | 5,300    | 4,800    | 4,300    | 180 |
| 185   | 31.6 | 116.4 | 5,000    | 4,500    | 4,100    |          | 185 |
| 190   | 28.9 | 107.6 | 4,200    |          |          |          | 190 |

# MLC250 S-1



149,600 lb  
+  
0 lb

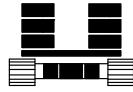


| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
|-----|------|-------|----------|----------|----------|----------|-----|
| 34  | 83.0 | 226.3 | 155,200  |          |          |          | 34  |
| 36  | 82.5 | 226.0 | 150,100  |          |          |          | 36  |
| 38  | 82.0 | 225.7 | 137,900  | 107,000  |          |          | 38  |
| 40  | 81.4 | 225.4 | 127,400  | 106,900  |          |          | 40  |
| 42  | 80.9 | 225.1 | 118,100  | 102,300  | 79,900   |          | 42  |
| 44  | 80.4 | 224.7 | 110,000  | 95,800   | 79,800   |          | 44  |
| 46  | 79.9 | 224.3 | 102,800  | 90,000   | 79,500   | 62,300   | 46  |
| 48  | 79.3 | 224.0 | 96,300   | 84,800   | 75,200   | 62,200   | 48  |
| 50  | 78.8 | 223.5 | 90,500   | 80,000   | 71,200   | 62,200   | 50  |
| 55  | 77.5 | 222.4 | 78,100   | 69,800   | 62,600   | 56,500   | 55  |
| 60  | 76.1 | 221.2 | 68,300   | 61,400   | 55,500   | 50,300   | 60  |
| 65  | 74.8 | 219.9 | 60,200   | 54,500   | 49,500   | 45,100   | 65  |
| 70  | 73.4 | 218.4 | 53,500   | 48,700   | 44,400   | 40,500   | 70  |
| 75  | 72.0 | 216.8 | 47,800   | 43,700   | 40,000   | 36,600   | 75  |
| 80  | 70.7 | 215.0 | 42,900   | 39,300   | 36,100   | 33,200   | 80  |
| 85  | 69.3 | 213.1 | 38,700   | 35,600   | 32,700   | 30,100   | 85  |
| 90  | 67.9 | 211.1 | 35,000   | 32,200   | 29,700   | 27,400   | 90  |
| 95  | 66.4 | 208.9 | 31,700   | 29,300   | 27,000   | 24,900   | 95  |
| 100 | 65.0 | 206.6 | 28,800   | 26,600   | 24,600   | 22,700   | 100 |
| 105 | 63.6 | 204.2 | 26,200   | 24,300   | 22,400   | 20,700   | 105 |
| 110 | 62.1 | 201.5 | 23,900   | 22,100   | 20,400   | 18,900   | 110 |
| 115 | 60.6 | 198.7 | 21,700   | 20,100   | 18,600   | 17,200   | 115 |
| 120 | 59.1 | 195.8 | 19,800   | 18,400   | 17,000   | 15,700   | 120 |
| 125 | 57.5 | 192.6 | 18,100   | 16,700   | 15,500   | 14,300   | 125 |
| 130 | 56.0 | 189.2 | 16,400   | 15,200   | 14,100   | 13,000   | 130 |
| 135 | 54.4 | 185.7 | 14,900   | 13,800   | 12,800   | 11,800   | 135 |
| 140 | 52.7 | 181.9 | 13,600   | 12,500   | 11,600   | 10,600   | 140 |
| 145 | 51.1 | 177.9 | 12,300   | 11,300   | 10,400   | 9,600    | 145 |
| 150 | 49.4 | 173.7 | 11,100   | 10,200   | 9,400    | 8,600    | 150 |
| 155 | 47.6 | 169.1 | 10,000   | 9,200    | 8,400    | 7,700    | 155 |
| 160 | 45.8 | 164.3 | 9,000    | 8,200    | 7,500    | 6,800    | 160 |
| 165 | 43.9 | 159.2 | 8,000    | 7,300    | 6,600    | 6,000    | 165 |
| 170 | 42.0 | 153.7 | 7,100    | 6,400    | 5,800    | 5,200    | 170 |
| 175 | 40.0 | 147.8 | 6,200    | 5,600    | 5,100    | 4,500    | 175 |
| 180 | 37.9 | 141.5 | 5,400    | 4,900    | 4,300    |          | 180 |
| 185 | 35.7 | 134.7 | 4,600    | 4,100    |          |          | 185 |

# MLC250 S-1



B10



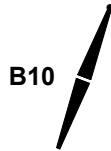
149,600 lb  
+  
0 lb



360°

| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
|-----|------|-------|----------|----------|----------|----------|-----|
| 36  | 82.8 | 236.1 | 140,200  |          |          |          | 36  |
| 38  | 82.3 | 235.8 | 137,700  |          |          |          | 38  |
| 40  | 81.8 | 235.5 | 127,100  | 95,600   |          |          | 40  |
| 42  | 81.3 | 235.2 | 117,800  | 95,400   |          |          | 42  |
| 44  | 80.8 | 234.9 | 109,700  | 94,900   | 71,400   |          | 44  |
| 46  | 80.3 | 234.5 | 102,400  | 89,100   | 71,300   |          | 46  |
| 48  | 79.8 | 234.1 | 95,900   | 83,900   | 71,100   | 55,200   | 48  |
| 50  | 79.3 | 233.8 | 90,100   | 79,200   | 70,100   | 55,200   | 50  |
| 55  | 78.0 | 232.7 | 77,700   | 69,000   | 61,600   | 54,900   | 55  |
| 60  | 76.7 | 231.5 | 67,800   | 60,700   | 54,500   | 49,200   | 60  |
| 65  | 75.4 | 230.2 | 59,800   | 53,800   | 48,600   | 44,000   | 65  |
| 70  | 74.2 | 228.8 | 53,000   | 48,000   | 43,500   | 39,600   | 70  |
| 75  | 72.8 | 227.3 | 47,300   | 43,000   | 39,100   | 35,700   | 75  |
| 80  | 71.5 | 225.6 | 42,400   | 38,700   | 35,300   | 32,300   | 80  |
| 85  | 70.2 | 223.8 | 38,200   | 34,900   | 31,900   | 29,200   | 85  |
| 90  | 68.9 | 221.9 | 34,500   | 31,600   | 28,900   | 26,500   | 90  |
| 95  | 67.5 | 219.9 | 31,200   | 28,600   | 26,300   | 24,100   | 95  |
| 100 | 66.2 | 217.7 | 28,300   | 26,000   | 23,900   | 21,900   | 100 |
| 105 | 64.8 | 215.3 | 25,700   | 23,600   | 21,700   | 19,900   | 105 |
| 110 | 63.4 | 212.8 | 23,800   | 21,500   | 19,700   | 18,100   | 110 |
| 115 | 62.0 | 210.2 | 21,200   | 19,500   | 17,900   | 16,500   | 115 |
| 120 | 60.6 | 207.4 | 19,300   | 17,700   | 16,300   | 14,900   | 120 |
| 125 | 59.1 | 204.4 | 17,500   | 16,100   | 14,800   | 13,500   | 125 |
| 130 | 57.6 | 201.3 | 15,900   | 14,600   | 13,400   | 12,200   | 130 |
| 135 | 56.1 | 197.9 | 14,400   | 13,200   | 12,100   | 11,000   | 135 |
| 140 | 54.6 | 194.4 | 13,000   | 11,900   | 10,900   | 9,900    | 140 |
| 145 | 53.1 | 190.7 | 11,700   | 10,700   | 9,800    | 8,900    | 145 |
| 150 | 51.5 | 186.7 | 10,500   | 9,600    | 8,700    | 7,900    | 150 |
| 155 | 49.9 | 182.6 | 9,400    | 8,600    | 7,800    | 7,000    | 155 |
| 160 | 48.2 | 178.1 | 8,400    | 7,600    | 6,800    | 6,100    | 160 |
| 165 | 46.5 | 173.4 | 7,400    | 6,700    | 6,000    | 5,300    | 165 |
| 170 | 44.7 | 168.4 | 6,500    | 5,800    | 5,200    | 4,500    | 170 |
| 175 | 42.9 | 163.1 | 5,600    | 5,000    | 4,400    |          | 175 |
| 180 | 41.0 | 157.5 | 4,800    | 4,300    |          |          | 180 |
| 185 | 39.1 | 151.4 | 4,100    |          |          |          | 185 |

# MLC250 S-1

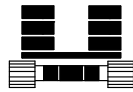
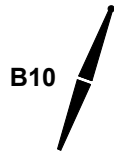


149,600 lb  
+  
0 lb



| ft  | °    | ft    | 0°<br>lb | 1°<br>lb | 2°<br>lb | 3°<br>lb | ft  |
|-----|------|-------|----------|----------|----------|----------|-----|
| 38  | 82.6 | 245.9 | 127,000  |          |          |          | 38  |
| 40  | 82.2 | 245.6 | 126,500  |          |          |          | 40  |
| 42  | 81.7 | 245.3 | 117,500  | 85,600   |          |          | 42  |
| 44  | 81.2 | 245.0 | 109,300  | 85,400   |          |          | 44  |
| 46  | 80.7 | 244.7 | 102,100  | 85,200   | 63,900   |          | 46  |
| 48  | 80.2 | 244.3 | 95,600   | 83,100   | 63,800   |          | 48  |
| 50  | 79.7 | 243.9 | 89,700   | 78,400   | 63,600   | 49,000   | 50  |
| 55  | 78.5 | 242.9 | 77,400   | 68,300   | 60,700   | 48,800   | 55  |
| 60  | 77.3 | 241.8 | 67,500   | 60,100   | 53,700   | 48,200   | 60  |
| 65  | 76.1 | 240.6 | 59,400   | 53,200   | 47,800   | 43,100   | 65  |
| 70  | 74.8 | 239.2 | 52,600   | 47,400   | 42,800   | 38,700   | 70  |
| 75  | 73.6 | 237.8 | 46,900   | 42,400   | 38,400   | 34,900   | 75  |
| 80  | 72.3 | 236.2 | 42,000   | 38,100   | 34,700   | 31,500   | 80  |
| 85  | 71.1 | 234.5 | 37,800   | 34,400   | 31,300   | 28,500   | 85  |
| 90  | 69.8 | 232.6 | 34,100   | 31,100   | 28,300   | 25,800   | 90  |
| 95  | 68.5 | 230.7 | 30,800   | 28,100   | 25,700   | 23,400   | 95  |
| 100 | 67.2 | 228.6 | 27,900   | 25,500   | 23,300   | 21,300   | 100 |
| 105 | 65.9 | 226.4 | 25,300   | 23,100   | 21,200   | 19,300   | 105 |
| 110 | 64.6 | 224.0 | 22,900   | 21,000   | 19,200   | 17,500   | 110 |
| 115 | 63.3 | 221.5 | 20,800   | 19,000   | 17,400   | 15,900   | 115 |
| 120 | 61.9 | 218.9 | 18,900   | 17,300   | 15,800   | 14,400   | 120 |
| 125 | 60.5 | 216.0 | 17,100   | 15,600   | 14,300   | 13,000   | 125 |
| 130 | 59.2 | 213.1 | 15,500   | 14,100   | 12,900   | 11,700   | 130 |
| 135 | 57.7 | 209.9 | 14,000   | 12,800   | 11,600   | 10,500   | 135 |
| 140 | 56.3 | 206.6 | 12,600   | 11,500   | 10,400   | 9,400    | 140 |
| 145 | 54.9 | 203.1 | 11,300   | 10,300   | 9,300    | 8,300    | 145 |
| 150 | 53.4 | 199.4 | 10,100   | 9,200    | 8,200    | 7,400    | 150 |
| 155 | 51.9 | 195.6 | 9,000    | 8,100    | 7,300    | 6,500    | 155 |
| 160 | 50.3 | 191.4 | 8,000    | 7,200    | 6,400    | 5,600    | 160 |
| 165 | 48.7 | 187.1 | 7,000    | 6,200    | 5,500    | 4,800    | 165 |
| 170 | 47.1 | 182.5 | 6,100    | 5,400    | 4,700    | 4,000    | 170 |
| 175 | 45.4 | 177.6 | 5,200    | 4,600    |          |          | 175 |
| 180 | 43.7 | 172.4 | 4,400    |          |          |          | 180 |

# MLC250 S-1



149,600 lb  
+  
0 lb



| <br>250.0 ft |      |       |         |
|--------------|------|-------|---------|
| ft           | °    | ft    | lb      |
| 38           | 82.9 | 256.0 | 116,200 |
| 40           | 82.5 | 255.7 | 115,300 |
| 42           | 82.0 | 255.4 | 114,200 |
| 44           | 81.5 | 255.1 | 109,700 |
| 46           | 81.1 | 254.8 | 102,500 |
| 48           | 80.6 | 254.5 | 96,000  |
| 50           | 80.2 | 254.1 | 90,100  |
| 55           | 79.0 | 253.1 | 77,700  |
| 60           | 77.8 | 252.1 | 67,800  |
| 65           | 76.6 | 250.9 | 59,700  |
| 70           | 75.5 | 249.6 | 53,000  |
| 75           | 74.3 | 248.2 | 47,300  |
| 80           | 73.1 | 246.7 | 42,400  |
| 85           | 71.9 | 245.1 | 38,100  |
| 90           | 70.6 | 243.3 | 34,400  |
| 95           | 69.4 | 241.4 | 31,100  |
| 100          | 68.2 | 239.4 | 28,200  |
| 105          | 66.9 | 237.3 | 25,600  |
| 110          | 65.7 | 235.1 | 23,200  |
| 115          | 64.4 | 232.7 | 21,100  |
| 120          | 63.1 | 230.2 | 19,200  |
| 125          | 61.8 | 227.5 | 17,400  |
| 130          | 60.5 | 224.7 | 15,800  |
| 135          | 59.2 | 221.7 | 14,300  |
| 140          | 57.8 | 218.6 | 12,900  |
| 145          | 56.5 | 215.3 | 11,600  |
| 150          | 55.1 | 211.9 | 10,400  |
| 155          | 53.7 | 208.2 | 9,300   |
| 160          | 52.2 | 204.4 | 8,300   |
| 165          | 50.7 | 200.3 | 7,300   |
| 170          | 49.2 | 196.0 | 6,400   |
| 175          | 47.7 | 191.5 | 5,500   |
| 180          | 46.1 | 186.7 | 4,700   |
| 185          | 44.5 | 181.7 | 4,000   |